

B 1.1)

UNDERGRADUATE PROGRAMS

1. B.E.(Biotechnology)
2. B.E.(Chemical)
3. B.E.(Civil)
4. B.E.(Computer Science)
5. B.E.(Electrical and Electronics)
6. B.E.(Electronics and Instrumentation)
7. B.E.(Manufacturing Engineering)
8. B.E.(Mechanical)
9. B.E.(Electronics & Communication)
10. B.Pharm.

POSTGRADUATE PROGRAMS

1. M.E.(Biotechnology)
2. M.E.(Chemical)
3. M.E.(Civil with specialization in Infrastructure Engineering and Management)
4. M.E.(Civil with specialization in Structural Engineering)
5. M.E.(Civil with specialization in Transportation Engineering)
6. M.E.(Communication Engineering)
7. M.E.(Computer Science)
8. M.E.(Design Engineering)
9. M.E.(Embedded Systems)
10. M.E.(Manufacturing Systems Engineering)
11. M.E.(Mechanical)
12. M.E.(Microelectronics)
13. M.E.(Software Systems)
14. M.E.(Mechanical with specialization in Thermal Engineering)
15. Master of Business Administration
16. M.Pharm.
17. M.Pharm.(with specialization in Pharmaceutics)
18. M.Pharm.(with specialization in Pharmaceutical Chemistry)

OTHERS

1. M.Sc.(Biological Sciences)
2. M.Sc.(Chemistry)
3. M.Sc.(Physics)
4. M.Sc.(Mathematics)
5. M.Sc.(Economics)
6. M.Sc.(General studies)

B 1.3)

REPORT ON STUDENT FEEDBACK ANALYSIS

FIRST SEMESTER 2017-18

Hyderabad Campus Average Student Feedback Score : 8.77

Average % of Students Participated in Feedback : 45.84

Department-wise Average Feedback Score:

Department	First Degree Core Courses			First Degree Elective Courses			Higher Degree Courses			Overall		
	MGPV	Score	% of students	MGPV	Score	% of students	MGPV	Score	% of students	MGPV	Score	% of students
BIO	6.54	8.55	52.17	7.81	8.68	78.91	8.24	9.22	89.46	7.15	8.79	68.26
CE	6.79	8.94	45.71	6.87	9.15	26.11	8.25	9.14	86.1	7.25	9.08	55.74
CHE	6.88	8.03	48.5	6.68	8.67	43.7	7.56	9.15	81.24	6.51	8.49	51.59
CHEM	6.52	8.45	49.95	7.06	9.17	46.69	---	---	---	7.07	8.67	48.12
CS IS	7.04	8.76	16.94	7.24	8.54	23.00	7.55	8.58	43.76	7.25	8.58	28.06
ECO FIN	7.26	8.48	22.11	7.36	9.04	37.27	---	---	---	7.33	8.85	32.22
EEE	6.81	8.32	41.63	7.35	8.79	42.17	8.11	8.85	69.66	7.39	8.64	52.07
HSS	---	---	---	7.67	9.27	23.28	7.88	9.12	31.37	7.73	9.22	23.83
MATH	6.42	8.63	21.62	7.35	9.75	9.75	---	---	---	6.57	8.74	28.02
ME	6.98	8.51	35.60	7.26	8.70	36.90	7.93	8.67	78.55	7.38	8.61	51.44
PHA	6.99	8.99	50.70	7.00	9.45	48.24	7.38	8.93	69.07	7.14	9.15	56.13
PHY	7.24	8.43	59.99	7.66	8.69	49.13	---	---	---	7.52	8.52	54.66

Average Feedback Score of First Year Courses:

S. No.	Course Name	MGPV	Score	% of Students
1	Biology Laboratory	9.27	8.75	81.53
2	Chemistry Laboratory	9.38	8.79	91.95
3	Computer Programming	6.69	7.61	26.48
4	Electrical Sciences	6.45	8.49	53.17
5	Engineering Graphics	7.3	7.79	36.09
6	General Biology	6.80	7.98	54.63
7	General Chemistry	7.07	8.51	31.04
8	Mathematics I	6.63	8.26	40.03
9	Mathematics II	6.23	9.49	18.75
10	Probability and Statistics	5.71	9.65	18.18
11	Technical Report Writing	7.76	8.73	35.25
12	Thermodynamics	6.42	8.80	61.66
13	Workshop Practice	7.95	8.61	78.12
14	General Mathematics I (Only for Pharmacy)	7.65	8.76	66
15	General Mathematics II (Only for Pharmacy)	6.82	7.39	30
16	Physics Laboratory	9.30	8.87	91.53
17	Mechanics, Oscillations and Waves	7.00	7.12	26.48
18	General Physics (Only for Pharmacy)	7.70	9.49	30.76
19	Research Methodology I (Only for Ph.D students)	8.56	9.13	13.80
20	Environmental Studies	0.00	9.32	0.93

B 1.3) Feedback from stakeholders

Qualitative Feedback is collected just before Mid-semester Examination through online process and feedback is available to the concerned faculty on real time basis for necessary measures (if required).

Quantitative Feedback is collected for all courses via Questionnaire (manual through hard copy) during the 15th week of a semester. The analysis is carried out on the collected feedback forms by the Instruction Division. The analysis in terms of feedback score (in a scale of 10) and feedback comments are shared to the concerned faculty. The comprehensive analysis for last two semesters is shown below:

Semester	No. of courses	% of Student given feedback		Avg. Feedback score		Date on which feedback is collected	
		First Degree	Higher Degree	First Degree	Higher Degree	Start Date	End Date
II Sem 2016-17	381	45.17	77.81	8.08	8.62	18-Apr-2017	25-Apr-2017
I Sem 2016-17	449	44.11	80.71	8.17	8.45	20-Nov-2016	27-Nov-2016

Feedback from stakeholders (Extracted from Placement automation system)

1. **Mr. Rishikesh, Recruitment Team at Microsoft:**

BITS students are able to communicate and their understanding of concepts are good. Good knowledge on Corner case Scenario, Optimization & Code Constructor. Overall hiring experience has been good.

2. **Ms Sonia Vijay Senior Recruiter, Oracle.**

Good dept in concepts having industry exposure. Strong basis fundamentals in DBMS & Operating system. Need to do more projects on Tensor flow, Machine Learning etc.

3. **Sandeep Nainwal , Senior Manager,Flipkart IT Services**

In BITS, Average IQ level is good however, CS Students more geared towards coding rather than computer science fundamentals. The overall enthusiasm and eagerness levels are very good.

4. **Rony Anthony ,Human Resources, Mediatek**

BITS Students adapt well to the work culture and strive to perform better every day. It has been wonderful experience working with the BITSians. Suggestion would be to students need to work upon multidimensional approach to solve problems & case studies.

BITS Students are good, sincere and focused. Students are be flexible and adaptable to take up challenges.

5. **Neha Sharma, Next Education**

The quality of students has been above average. The process coordination & enthusiasm is outstanding. Mix of confident & less confident people who given personality, grooming, and linguistics communication can do better in future.

6. **Shailesh, Human Resources, Qualcomm**

B 2.11 Course/ Programme wise distribution of pass percentage:

Hyderabad Campus:

Program Title	Total No. of students appeared	Distinction	First	Second
B.E.(Hons.)(Chemical)	8	12.50	87.50	0.00
B.E.(Hons.)(Chemical) (with Practice School)	49	6.12	63.27	30.61
B.E.(Hons.)(Civil)	17	17.65	58.82	23.53
B.E.(Hons.)(Civil) (with Practice School)	36	0.00	66.67	33.33
B.E.(Hons.)(Computer Science)	18	27.78	55.56	16.67
B.E.(Hons.)(Computer Science) (with Practice School)	169	10.65	72.78	16.57
B.E.(Hons.)(Electrical and Electronics)	8	25.00	37.50	37.50
B.E.(Hons.)(Electrical and Electronics) (with Practice School)	90	3.33	62.22	34.44
B.E.(Hons.)(Electronics & Communication)	8	25.00	62.50	12.50
B.E.(Hons.)(Electronics & Communication) (with Practice School)	102	8.82	70.59	20.59
B.E.(Hons.)(Electronics and Instrumentation) (with Practice School)	41	2.44	48.78	48.78
B.E.(Hons.)(Manufacturing Engineering)	6	0.00	66.67	33.33
B.E.(Hons.)(Manufacturing Engineering) (with Practice School)	37	8.11	51.35	40.54
B.E.(Hons.)(Mechanical)	19	10.53	89.47	0.00
B.E.(Hons.)(Mechanical) (with Practice School)	66	4.55	74.24	21.21
B.Pharm.(Hons.)	1	0.00	100.00	0.00
B.Pharm.(Hons.) (with Practice School)	9	11.11	33.33	55.56
M.E.(Biotechnology)	5	40.00	60.00	0.00
M.E.(Biotechnology) (with Practice School)	1	0.00	0.00	100.00
M.E.(Chemical)	6	16.67	66.67	16.67
M.E.(Civil with specialization in Structural Engineering)	4	0.00	75.00	25.00
M.E.(Civil with specialization in Structural Engineering) (with Practice School)	4	25.00	75.00	0.00
M.E.(Communication Engineering) (with Practice School)	8	37.50	62.50	0.00
M.E.(Computer Science with specialization in Information Security) (with Practice School)	6	16.67	83.33	0.00
M.E.(Computer Science) (with Practice School)	9	44.44	55.56	0.00
M.E.(Design Engineering) (with Practice School)	8	0.00	100.00	0.00
M.E.(Mechanical with specialization in Thermal Engineering)	3	33.33	66.67	0.00
M.E.(Mechanical with specialization in Thermal Engineering) (with Practice School)	7	42.86	57.14	0.00
M.Pharm.(with specialization in Pharmaceuticals)	8	25.00	75.00	0.00
M.Pharm.(with specialization in Pharmaceuticals) (with Practice School)	4	25.00	50.00	25.00
M.Sc.(Hons.)(Biological Sciences)	18	0.00	55.56	44.44
M.Sc.(Hons.)(Biological Sciences) (with Practice School)	12	0.00	75.00	25.00
M.Sc.(Hons.)(Chemistry)	10	0.00	80.00	20.00
M.Sc.(Hons.)(Chemistry) (with Practice School)	15	0.00	93.33	6.67
M.Sc.(Hons.)(Economics)	21	9.52	76.19	14.29
M.Sc.(Hons.)(Economics) (with Practice School)	19	0.00	94.74	5.26

M.Sc.(Hons.)(Mathematics)	14	7.14	71.43	21.43
M.Sc.(Hons.)(Mathematics) (with Practice School)	29	0.00	62.07	37.93
M.Sc.(Hons.)(Physics)	24	0.00	83.33	16.67
M.Sc.(Hons.)(Physics) (with Practice School)	4	0.00	50.00	50.00
Grand Total	923	8.45	68.15	23.40

Pilani Campus:

Program Title	Total no. of students appeared	DISTINCTION	FIRST	SECOND
B.E.(Hons.)(Chemical)	14	7.14	64.29	28.57
B.E.(Hons.)(Chemical) (with Practice School)	83	10.84	62.65	26.51
B.E.(Hons.)(Civil)	26	11.54	57.69	30.77
B.E.(Hons.)(Civil) (with Practice School)	56	5.36	42.86	51.79
B.E.(Hons.)(Computer Science)	37	24.32	70.27	5.41
B.E.(Hons.)(Computer Science) (with Practice School)	143	12.59	74.13	13.29
B.E.(Hons.)(Electrical and Electronics)	24	8.33	79.17	12.50
B.E.(Hons.)(Electrical and Electronics) (with Practice School)	118	7.63	72.88	19.49
B.E.(Hons.)(Electronics and Instrumentation)	12	16.67	58.33	25.00
B.E.(Hons.)(Electronics and Instrumentation) (with Practice School)	78	10.26	70.51	19.23
B.E.(Hons.)(Manufacturing Engineering)	8	0.00	62.50	37.50
B.E.(Hons.)(Manufacturing Engineering) (with Practice School)	45	2.22	71.11	26.67
B.E.(Hons.)(Mechanical)	27	11.11	70.37	18.52
B.E.(Hons.)(Mechanical) (with Practice School)	90	12.22	64.44	23.33
B.Pharm.(Hons.)	9	0.00	55.56	44.44
B.Pharm.(Hons.) (with Practice School)	29	0.00	68.97	31.03
M.E.(Biotechnology)	4	25.00	75.00	0.00
M.E.(Biotechnology) (with Practice School)	7	14.29	85.71	0.00
M.E.(Chemical)	6	16.67	83.33	0.00
M.E.(Chemical) (with Practice School)	7	28.57	71.43	0.00
M.E.(Civil with specialization in Infrastructure Engineering and Management)	3	33.33	66.67	0.00
M.E.(Civil with specialization in Infrastructure Engineering and Management) (with Practice School)	4	0.00	100.00	0.00
M.E.(Civil with specialization in Structural Engineering)	2	50.00	50.00	0.00
M.E.(Civil with specialization in Structural Engineering) (with Practice School)	8	12.50	87.50	0.00
M.E.(Civil with specialization in Transportation Engineering)	7	42.86	57.14	0.00
M.E.(Civil with specialization in Transportation Engineering) (with Practice School)	4	50.00	50.00	0.00
M.E.(Communication Engineering)	1	0.00	100.00	0.00
M.E.(Communication Engineering) (with Practice School)	10	30.00	70.00	0.00
M.E.(Computer Science)	2	0.00	100.00	0.00
M.E.(Computer Science) (with Practice School)	19	21.05	68.42	10.53
M.E.(Design Engineering)	3	66.67	33.33	0.00
M.E.(Design Engineering) (with Practice School)	4	25.00	50.00	25.00

M.E.(Embedded Systems) (with Practice School)	10	20.00	80.00	0.00
M.E.(Manufacturing Systems Engineering)	3	0.00	100.00	0.00
M.E.(Manufacturing Systems Engineering) (with Practice School)	7	14.29	85.71	0.00
M.E.(Mechanical)	10	30.00	70.00	0.00
M.E.(Mechanical) (with Practice School)	5	60.00	40.00	0.00
M.E.(Microelectronics) (with Practice School)	11	45.45	54.55	0.00
M.E.(Software Systems) (with Practice School)	24	12.50	83.33	4.17
M.Pharm.	1	100.00	0.00	0.00
M.Pharm. (with Practice School)	5	40.00	40.00	20.00
M.Pharm.(with specialization in Pharmaceutical Chemistry)	2	100.00	0.00	0.00
M.Pharm.(with specialization in Pharmaceutical Chemistry) (with Practice School)	4	0.00	100.00	0.00
M.Pharm.(with specialization in Pharmaceutics)	2	50.00	50.00	0.00
M.Pharm.(with specialization in Pharmaceutics) (with Practice School)	8	12.50	62.50	25.00
M.Sc.(Hons.)(Biological Sciences)	42	7.14	61.90	30.95
M.Sc.(Hons.)(Biological Sciences) (with Practice School)	6	0.00	50.00	50.00
M.Sc.(Hons.)(Chemistry)	42	0.00	78.57	21.43
M.Sc.(Hons.)(Chemistry) (with Practice School)	2	0.00	0.00	100.00
M.Sc.(Hons.)(Economics)	46	8.70	65.22	26.09
M.Sc.(Hons.)(Economics) (with Practice School)	19	5.26	78.95	15.79
M.Sc.(Hons.)(Mathematics)	40	2.50	60.00	37.50
M.Sc.(Hons.)(Mathematics) (with Practice School)	10	0.00	60.00	40.00
M.Sc.(Hons.)(Physics)	46	6.52	69.57	23.91
M.Sc.(Hons.)(Physics) (with Practice School)	5	0.00	40.00	60.00
M.Sc.(Tech.)(General Studies)	5	0.00	20.00	80.00
M.Sc.(Tech.)(General Studies) (with Practice School)	12	0.00	8.33	91.67
Master of Business Administration	2	50.00	50.00	0.00
Master of Business Administration (with Practice School)	60	11.67	81.67	6.67
Grand Total	1319	19.20	62.45	18.35

Goa Campus:

Program Title	Total no. of students appeared	DISTINCTION	FIRST	SECOND
B.E.(Hons.)(Chemical)	15	6.67	60.00	33.33
B.E.(Hons.)(Chemical) (with Practice School)	51	7.84	49.02	43.14
B.E.(Hons.)(Computer Science)	26	23.08	57.69	19.23
B.E.(Hons.)(Computer Science) (with Practice School)	116	10.34	71.55	18.10
B.E.(Hons.)(Electrical and Electronics)	24	20.83	62.50	16.67
B.E.(Hons.)(Electrical and Electronics) (with Practice School)	112	5.36	75.00	19.64
B.E.(Hons.)(Electronics and Instrumentation)	10	0.00	50.00	50.00
B.E.(Hons.)(Electronics and Instrumentation) (with Practice School)	91	3.30	54.95	41.76
B.E.(Hons.)(Mechanical)	25	16.00	72.00	12.00
B.E.(Hons.)(Mechanical) (with Practice School)	81	6.17	59.26	34.57
M.E.(Biotechnology)	4	25.00	75.00	0.00
M.E.(Chemical)	6	50.00	50.00	0.00
M.E.(Computer Science)	2	0.00	100.00	0.00
M.E.(Computer Science) (with Practice School)	6	0.00	100.00	0.00
M.E.(Embedded Systems) (with Practice School)	7	28.57	71.43	0.00
M.E.(Microelectronics) (with Practice School)	11	27.27	72.73	0.00
M.Sc.(Hons.)(Biological Sciences)	14	7.14	64.29	28.57
M.Sc.(Hons.)(Biological Sciences) (with Practice School)	15	0.00	60.00	40.00
M.Sc.(Hons.)(Chemistry)	8	12.50	75.00	12.50
M.Sc.(Hons.)(Chemistry) (with Practice School)	22	0.00	59.09	40.91
M.Sc.(Hons.)(Economics)	9	11.11	33.33	55.56
M.Sc.(Hons.)(Economics) (with Practice School)	36	2.78	75.00	22.22
M.Sc.(Hons.)(Mathematics)	16	0.00	50.00	50.00
M.Sc.(Hons.)(Mathematics) (with Practice School)	31	0.00	58.06	41.94
M.Sc.(Hons.)(Physics)	27	11.11	70.37	18.52
M.Sc.(Hons.)(Physics) (with Practice School)	13	0.00	69.23	30.77
Grand Total	778	7.97	64.27	27.76

B) 2.13**UGC – Faculty Improvement Programme****University Exposure Abroad (UEA)** - Exposure of BITS' faculty to Universities abroad

- A. It is proposed that BITS would support faculty members to spend a few weeks at a University abroad by:
- a. Identifying Universities (together with department, professor) which will accept them as a “Visiting Scholar”,
 - b. Provide travel and living support,
 - c. The time spent in a university abroad will be treated as being “on duty”, as a result of which the individual faculty would be eligible to receive additional salary for N-days in lieu of not taking 2N days vacation during summer, less honorarium paid by the company if any. If immersion period spills beyond vacation period on either side, no additional salary will be paid.
- B. During such exposure to universities abroad, it is expected that faculty members will (among others):
- a. Gain first-hand exposure to current/latest advances in research, etc.
 - b. Gain an understanding of lab resources required to initiate research or to use (or to program) equipment,
 - c. Gain an understanding on how classroom- or lab-based instruction is organized or imparted, AND/OR
 - d. Gain an understanding of research methodology, cross-disciplinary collaboration, or collaboration across institutions, etc.

Universities Exposure Abroad help in Education and/or Research

Faculty members are expected to use their improved understanding of academic, research practices and technological developments in different ways (among others):

- A. Incorporate that learning in improving classroom instruction (influencing curriculum re-design, developing case studies or examples, etc.), lab based experimentation, or semester-long projects to be undertaken by UG and PG students and by PhD scholars.
- B. Define (or re-define) one’s research agenda incorporating therein the possibility for cross-discipline and international collaboration, seek funding from national/international funding agency and/or initiate research collaborations.

Eligible Universities

While there is no constraint on Universities abroad that will potentially receive our faculty, one would like to limit visits to Universities that are relevant to one’s own background and discipline, but to Universities that offer potential for good exposure to their own academic processes and to research developments. This may include (among others):

- A. Universities with which BITS has an MOU, or those with which other faculty members have a thriving collaboration,

- B. Universities in TOP 500 (as per THE/QS rankings), or within the top 100 within one's own discipline.
- C. Other established and renowned University (or faculty).

Duration of UEA

Typically, the duration will be 8 to 10 weeks, but limited strictly to the vacation period during “vacation periods” in summer.

Financial Support for UEA

Travel cost in economy class (actual), but limited to (Rs.):	1,00,000
Lodging cost (actual, per week, Rs.):	30,000
Boarding cost (fixed, per day, Rs.):	3,500
Miscellaneous, including local travel (fixed, per week, Rs.):	5,000
Visa fees (actual, but limited to Rs.):	10,000
Medical Insurance (actual) but limited to (Rs.):	5,000
Eligible to be considered to be “on duty”:	Yes

Selection Process for UEA

It is expected that individual faculty members will approach the selection committee sometime on or before Jan 15 for visit during summer. A selection committee will process all such requests on the basis listed below.

The faculty seeking to visit Universities abroad will provide related information (University, location, duration, expected outcome, etc.) in a prescribed form.

Who is eligible?	ASTP and above (once)
Minimum no. of yrs of experience at BITS as an ASTP or above	3 yrs (as on date of application)
Annual performance appraisal (last 2 years)	overall “ME”
Has experience in Universities/research lab abroad (at all)	<u>Not</u> eligible
How many to be deputed?	Up to 1% to 2% % of ASTP++ (for each campus)
Deputed as individuals or Groups	Preferably individually
Eligibility of off- campus faculty	YES

Selection Committee for UEA

- VC or his nominee (a campus Director or a senior faculty member, other than Dean and Professors In-charge Faculty Affairs) – Chairman,
- Two senior faculty members (other than Dean and Professors In-charge Faculty Affairs, to be nominated by Director) – members,
- Prof. In -Charge, International Affairs – member,
- Dean Faculty Affairs (or Prof. In-charge Faculty Affairs) – member and facilitator.

Notes:

- Dean Faculty Affairs works closely with Office of Dean International Programmes and Collaborations in identifying opportunities for faculty exposure to universities abroad.
- The member will submit a report and give a presentation before faculty colleagues in the department on his/her learning or experience and plans to take this learning forward.

University Wide List of Faculties who availed / Not availed the University Exposure Abroad Scheme in the Academic Year 2017 - 2018

Sl. No.	PSRN	Name of the Faculty	Discipline	Campus	Duration	Recommended University Exposure Abroad (May – July 2018)
1	P1958	Abhijit Asati	EEE	Pilani	20.05.2018 - 20.07.2018	University of Virginia, USA
2	P3122	Rajeev Taliyan	Pharmacy	Pilani	16.05.2018 - 17.07.2018	Taipei Medical University, Taiwan
3	P3139	Shilpi Garg	Biological Sciences	Pilani	15.05.2018 - 31.07.2018	University of Melbourne, Australia
4	G0122	Ranjan Dey	Chemistry	Goa	06.06.2018 - 22.07.2018	University of Cambridge, UK
5	G0123	Reena Cheruvalath	Humanities and Social Sciences	Goa	25.05.2018 - 14.07.2018	University of Tokyo, Japan
6	G0381	Vijayashree Nayak	Biological Sciences	Goa	17.05.2018 - 30.07.2018	University of Texas, MD Anderson cancer center USA
7	G0010	Neena Goveas	Computer Science and information System	Goa	25.05.2018 - 25.07.2018	University of North Dakota Grand Forks, ND
8	G0082	Veeky Baths	Biological Sciences	Goa	18.05.2018 - 10.07.2018	University of Leeds, UK
9	H0384	Sumit Kumar Vishwakarma	Mathematics	Hyd	20.05.2018 - 10.07.2018	Harbin Engineering University, Harbin, China
10	H0103	Bivudutta Mishra	Mathematics	Hyd	20.05.2018 - 16.06.2018	CERN, Switzerland
11	D1042	K.K.Singh	Physics	Dubai	20.06.2018 - 20.08.2018	Beckman Institute, University of Illinois at Urbana Champaign, USA

Industry Immersion Program (IIP) - Industry immersion of BITS' faculty

Form of Industry Immersion Proposed

- A. It is proposed that BITS would support faculty members to spend a few weeks in the industry by:
 - a. Identifying companies which will accept them,
 - b. Provide travel and living support,
 - c. The time spent in industry will be treated as being “on duty”, as a result of which the individual faculty would be eligible to receive additional salary for N-days in lieu of not taking 2N days vacation during summer, less honorarium paid by the company if any. If immersion period spills over vacation period on either side, no additional salary will be paid.

- B. During such industry immersion, it is expected that faculty members will (among others):
 - a. Gain first-hand exposure to processes undertaken by companies for design, manufacturing, marketing, logistics, etc.
 - b. Gain an understanding of how theory learnt in classrooms is translated into practice on the job floor.
 - c. Gain an understanding of technical challenges that companies face in respect of improved design, scaling up their operations, impact on environment, manpower, etc.

Industry Immersion help in Education and/or Research

Faculty members are expected to use their improved understanding of industry practices and of technical challenges in different ways (among others):

- A. Incorporate that learning in improving classroom instruction (influencing curriculum re-design, developing case studies or examples, etc.), lab based experimentation, or semester-long projects to be undertaken by students.

- B. Define a roadmap to address one or more technical challenges identified during the visit by way of “R&D project” and seek funding support from the company itself or from a funding agency.

Eligible Companies

While there is no constraint on industries or companies that will potentially receive our faculty, one would like to limit immersion to industries that are relevant to one's own background and discipline, but to companies that offer potential for understanding industry practices and of technical challenges. This may include (among others):

- A. Manufacturing plants established by reputed companies,
- B. Service organizations (infrastructure, banking, telecom, healthcare, media, etc.),
- C. Governmental agencies (including departments that “DO” things such as ADHAR project, CRIS, DGH),
- D. Reputed NGO in any sector related to manufacturing or distribution (e.g. of handicrafts), or those serving special needs (education, health, poverty alleviation, people with special needs, etc.)

- E. BITS will also consider favorably any proposal from a faculty member to spend time in any labs. of CSIR/DBT/DRDO/etc., provided the experience so gained will enrich the faculty member in achieving the goals identified above.

Duration of IIP

Typically, the duration will be 2 to 8 weeks, but limited strictly to the vacation period during “vacation periods” in summer or winter.

Financial Support for IIP

BITS would encourage its faculty members to receive financial support from the company for travel, stay, and per diem, as also honorarium. Support from BITS is limited to the limits specified below, after adjusting support from the company for travel, stay, and per diem.

Travel cost (as per eligibility, actual), but limited to (Rs.):	18,000
Lodging cost (actual), but limited to (per week, Rs.):	7,000
Boarding cost (per day, fixed, Rs.):	300
Miscellaneous, including local travel (per week, Rs.):	2,000
Eligible to be considered to be “on duty”:	Yes

Selection process for IIP

It is expected that individual faculty members will approach the selection committee sometime in Feb/March for immersion during the June/July, and in Aug/Sep for immersion during December. A selection committee will process all such requests on the basis listed below.

The faculty seeking to visit an industrial organization will provide related information (company, duration, expected outcome, etc.) in a prescribed form.

Who is eligible?	ASTP and above (available once in 5 years)
Minimum no. of yrs of experience at BITS as an ASTP or above	1 year
Annual performance appraisal (last 2 years)	overall “ME”
Has work experience of 6 mths in industry in last 5 years?	Not eligible
How many to be deputed?	Up to 3% to 4% % of ASTP++ (for each campus)
Deputed as individuals or Groups	Preferably in groups of 2 or 3
Eligibility of off- campus faculty	Yes, preferably those who are supervising PS

Notes:

- Dean, Faculty Affairs, works closely with office of Director (Off-campus Programmes) in identifying opportunities for industry immersion of faculty members.
- The member submit a report and give a presentation before faculty colleagues in the department on his/her learning or experience, and plans to take this learning forward.

University Wide List of Faculties who availed the Industry Immersion Program Scheme in the Academic Year 2017 – 2018

Sl. No.	PSRN	Name of the Faculty	Discipline	Designation	Recommended Industry for Immersion (May – July 2018)	Duration and Dates	Campus
1	P2454	Amit Jain	Chemical	ASTP	DRDO, New Delhi	25/05/2018 to 06/07/2018	Pilani
2	H0230	N Suresh Kumar Reddy	ME	ASOP	Mahindra two wheelers Limited, Pithampur.	19/05/2018 to 17/07/2018	Hyderabad
3	H0417	Runa Kumari	EEE	ASTP	National Aerospace Laboratories (NAL), CSIR, Bangalore	21/05/2018 to 14/07/2018	Hyderabad
4	D1041	R. Swarnalatha	EEE	ASTP	CSIR- Central Scientific Instrumentation Organisation, Chandigarh,	02/07/2018 to 04/08/2018	Dubai
5	D1200	Vishal Naranje	ME	ASTP	Sarang Auto Aeronautics Pvt.Ltd, Nashik,	20/06/2018 to 13/08/2018	Dubai

Activities and contributions

Academic Counseling Cell (ACC), BITS Pilani, Pilani campus, had organized a variety of events during Aug 2017 and April 2018. The major events are listed here:

1. **Life @ BITS and Beyond:** on 5th Aug 2017- This panel discussion was aimed at giving the newly admitted students a broad and rounded orientation on college life by alumni, senior students and faculty members of the Institute. Drawing from their experience and wisdom, the panelists touched upon various aspects of campus life – academic, social and extracurricular, motivating the students to set up a productive and enjoyable stay for themselves at BITS. **ALL** newly admitted students (**approx 900**), attended the interaction in the main auditorium.
2. **Faculty mentors for Newly admitted students:** In Aug 2017 **ALL** newly admitted students are assigned a faculty mentor. The students are free to meet and consult the faculty mentor for academic and beyond academic matters. Student Mentorship Program ensures that the transition of freshers' into BITS life is smooth and they can make informed decision when faced with choices in their life at BITS. For this purpose, every fresher joining the institute is assigned a mentor who they can approach with queries on any issue like academics, extracurricular, personal life or the issue of maintaining a balance between them.
3. **Faculty mentors for students in probation:** Further faculty mentors were allotted for students in probation (**48 in Sem-I and 76 in Sem-II-** 2017-18) or under-performing students to provide them with academic counseling. A team of 20 dedicated ACC faculties from various departments monitored, offered and advised to the under-performing students throughout both the semesters 2017-18.
4. **Koffee with Profs-1** on 8th Sept 2017. An informal, interactive event organized to enhance student faculty interaction and relationship. Both students and faculties share their experience at BITS along with fun filled interactions like, singing, instruments, dance performances etc. More than **120** students attended the programme.
5. **Koffee with Profs-2** on 27th March 2018. This time the fun interaction was with quiz and games involving students and faculty- there was a cordial and enjoyable interaction. Around **80** students attended the event.
6. **Invited Talk 1:** on 27th Sep 2017- invited talk by BITS Alumni- **Lohit Sahu**, full time CEO at Phyzok to encourage students on studies and how to build up a successful career. Around **50** students attended the talk.
7. **Invited Talk 2:** on Feb 4 2018 -invited talk by **Dushka Zapata**, public speaker and most aspired and sought after in Quora inspiring students how to manage their life, academics, educational challenges, social responsibility and build up a good career. More than **200** students attended the same.
8. **Pre-midsem and pre-compre interaction of ICs with 1st year students:** Interactions with 1st year students were arranged in 1st semester (6th Oct 2017 and 28th Nov 2017) to clear their queries before the exams. The interaction happened in SR common room. Around 150 students attended the same.
9. **Connect an Academic Counselling Cell and Student Activity Centre initiative:** on 20th Feb 2018- An interactive session of 1st year students with Prof Ashoke Kumar Sarkar and selected ACC faculties was arranged to address queries and concerns of students related to academics. More than **100** students attended the interaction.
10. **Interaction with under-performing low CG students:** on 12th Sep 2017 an interaction with low CG (below 6.0) first year students by Prof Shibashish and Dr Rajdeep was organized. The

students were motivated to improve their performance. More than **130 students** were called through Student Welfare Division and around **90** attended the interaction.

11. **Arrangement of Remedial Classes:** Remedial classes were conducted before midsem and comprehensive examination in each semester for students having difficulty in grasping course contents/topics. Dr Ashish Tiwari from Mathematics department arranged the same. The number of attendees varied in each class.
12. **Mess visits:** in 2017 mess visits were conducted for an informal interaction (followed by dinner) with first year students at SR Bhavan.
13. **Professional Counselor Mr Emerson Scott's visit on campus:** Twice in each month of the semester professional counselor Mr Emerson Scot visited the campus and counseled students who need counseling support. Approximately, **40 students** visit him on campus each month when the semesters are on. In cases, when students need immediate attention, it is informed to the convener ACC immediately and confidentially, and follow up action is taken up accordingly.
14. **Mr Scot's interaction with D2 students:** on 29th Aug 2017, 25th Oct 2017, Jan 12th 2018 and 3rd Feb 2018 an interaction of Mr Scott with under-performing students (approximately **10** students) was arranged. This time few ACC faculties and counselor had lunch with the students as well on 3rd Feb 2018. This interaction was meant to boost up their moral.
15. **Mr Scot's interaction with PhD students:** on 5th Oct 2017 professional counselor Mr Emerson Scot interacted with PhD scholars on campus and addressed to their queries. This event was organized to understand the concerns of PhD scholars on campus. Around **50** research scholars attended the same.
16. **Selected senior student's message to 1st year:** on 19th April 2018 senior student who have won prestigious fellowship and/or have visited abroad were invited in Dr Rajdeep's Gen Bio Class and they encouraged the students to do well in acads and apply for the prestigious fellowships. Approximately, **400** students were addressed.
17. **Interaction with probation students:** Interaction with students in probation through ACB--assessing their performance and guidance (once before and after mid-sem).
18. **Mr Scott's interaction with faculties:** An interaction of Mr Scott to train the faculty in mentoring/counseling. One interaction session was conducted in the last academic year. Summary points shared to all ACC faculty who could not attend.

**ACADEMIC CALENDAR FOR PILANI CAMPUS
SOME IMPORTANT DATES**

2018															2019																													
JULY					AUGUST					SEPTEMBER					JANUARY					FEBRUARY					MARCH																			
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
1	2	3	4	5	6	7		1	2	3	4	30	1			1	2	3	4	5					1	2	31		1	2														
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9			
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16			
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23			
29	30	31					26	27	28	29	30	31	23	24	25	26	27	28	29	27	28	29	30	31			24	25	26	27	28	24	25	26	27	28	29	30						
OCTOBER							NOVEMBER							DECEMBER							APRIL							MAY							JUNE									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
1	2	3	4	5	6			1	2	3	30	31	1								1	2	3	4	5	6						1	2	3	4	30	1							
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8			
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15			
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22			
28	29	30	31				25	26	27	28	29	30	23	24	25	26	27	28	29	28	29	30					26	27	28	29	30	31	23	24	25	26	27	28	29					

■ HOLIDAYS □ RECESS

First Semester 2018-2019

July 4, 2018 (W)	Registration for Practice School II
July 4, 2018 (W)	Practice School II begins
July 28 (S)	Admission to Higher Degree and Doctoral Programmes
July 30 (M)	Admission to Integrated First Degree Programme
July 31 (T)	Freshmen Orientation Programme
August 1 (W)	First Semester begins
August 1 (W)	Registration for all students
August 2 (Th)	Class-work begins
August 15 (W)	Independence Day (H)
August 17 (F)	Last day for substitution of courses
August 22 (W)	Id-ul Zuha (H)
September 3 (M)	Janmashtami (H)
September 19(W)-23(Su)	BOSM 2018
September 26 (W)	Last day for submission of Application for Merit-Cum Need Scholarship
October 2 (T)	Mahatma Gandhi's Birthday (H)
October 8 (M) to 13 (S)	Mid-Semester Test (Class work Suspended)
October 10 (W)	Last day for withdrawal from courses
October 18(Th)-19(F)	Dussehra (H)
October 20 (S)	Last day for returning evaluated answerscripts of Mid-Semester Test
October 26 (F)	Last day for Mid-Semester Grading
October 27 (S)- 31 (W)	OASIS-2018
November 7 (W)-8 (Th)	Diwali (H)
November 23 (F)	Guru Nanak's Birthday (H)
November 26 (M)	Last day of Pre-comprehensive marks display
November 29 (Th)	Last day for class work
December 1 (S)	Comprehensive Examination begins
December 14 (F)	Comprehensive Examination ends
December 14 (F)	Practice School II ends
December 14 (F)	First Semester ends
December 15 (S) to January 5 (S), 2019	Recess
December 25 (T)	Christmas (H)

Second Semester 2018-2019

January 7, 2019 (M)	Second Semester begins
January 7 (M)	Registration for all students
January 7 (M)	Registration for Practice School II
January 7 (M)	Practice School II begins
January 8 (T)	Class-work begins
January 14 (M)	Makar Sankranti (H)
January 23 (W)	Last day for substitution of courses
January 26 (S)	Republic Day (H)
January 28 (M)	Last day for submission of Application for Merit-Cum Need Scholarship
February 9 (S)	Basant Panchmi and Founder's Day (H)
March 11 (M) to 16(S)	Mid-Semester Test (Class work Suspended)
March 16 (S)	Last day for withdrawal from courses
March 20(W)-21(Th)	Holi (H)
March 23 (S)	Last day for returning evaluated answerscripts of Mid-Semester Test
March 26 (T)	Last day for Mid-Semester Grading
March 29 (F)-31(Su)	APOGEE
April 14 (Su)	Ram Navami (H)
April 17 (W)	Mahavir Jayanti (H)
April 19 (F)	Good Friday (H)
April 21 (Su)	Registration for Practice School I
April 25 (Th)	Last day of Pre-comprehensive marks display
April 29 (M)	Last day for class work
May 1 (W)	Comprehensive Examination begins
May 14 (T)	Comprehensive Examination ends
May 14 (T)	Second Semester ends
May 18 (S)	Budh Purnima (H)
May 19 (Su)	Summer Vacation begins
May 21 (T)	Summer Term begins
May 21 (T)	Practice School I begins
June 5 (W)	Id-ul fitr (H)
June 18 (T)	Practice School II ends
July 13 (S)	Practice School I ends
July 14 (Su)	Summer Term ends
July 17 (W)	Summer Vacation ends

ACADEMIC CALENDAR FOR HYDERABAD CAMPUS SOME IMPORTANT DATES

2018															2019																																		
JULY					AUGUST					SEPTEMBER					JANUARY					FEBRUARY					MARCH																								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S								
1	2	3	4	5	6	7		1	2	3	4	30							1								1	2	3	4	5			1	2	31			1	2									
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9								
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16								
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23								
29	30	31					26	27	28	29	30	31	23	24	25	26	27	28	29	27	28	29	30	31			24	25	26	27	28			24	25	26	27	28	29	30									
OCTOBER							NOVEMBER							DECEMBER							APRIL							MAY							JUNE														
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
	1	2	3	4	5	6				1	2	3	30	31							1		1	2	3	4	5	6							30							30							1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8								
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15								
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22								
28	29	30	31				25	26	27	28	29	30	23	24	25	26	27	28	29	28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29									

HOLIDAYS
 RECESS

First Semester 2018-2019

July 4, 2018 (W)	Registration for Practice School II
July 4, 2018 (W)	Practice School II begins
July 28 (S)	Admission to Higher Degree and Doctoral Programmes
July 30 (M)	Admission to Integrated First Degree Programme
July 31 (T)	Freshmen Orientation Programme
August 1 (W)	First Semester begins
August 1 (W)	Registration for all students
August 2 (Th)	Class-work begins
August 15 (W)	Independence Day (H)
August 17 (F)	Last day for substitution of courses
August 21 (T)	Wednesday's Timetable to be followed
August 22 (W)	Id-ul Zuha (H)*
September 3 (M)	Janmashtami (H)
September 13 (Th)	Ganesh Chaturthi (H)
September 26 (W)	Last day for submission of Application for Merit-Cum Need Scholarship
October 2 (T)	Mahatma Gandhi's Birthday (H)
October 8 (M) to 13 (S)	Mid-Semester Test (Class work Suspended)
October 10 (W)	Last day for withdrawal from courses
October 19 (F)	Dussehra (H)
October 20 (S)	Last day for returning evaluated answerscripts of Mid-Semester Test
October 25 (Th)	Saturday's Timetable to be followed
October 26 (F)	Last day for Mid-Semester Grading
October 26 (F)-28 (Su)	ATMOS 2018
November 7 (W)-8 (Th)	Diwali (H)
November 22 (Th)	Friday's Timetable to be followed
November 23 (F)	Guru Nanak's Birthday (H)
November 26 (M)	Last day of Pre-comprehensive marks display
November 29 (Th)	Last day for class work
December 1 (S)	Comprehensive Examination begins
December 14 (F)	Comprehensive Examination ends
December 14 (F)	Practice School II ends
December 14 (F)	First Semester ends
December 15, 2018 (S) to January 5, 2019 (S)	Recess
December 25 (T)	Christmas (H)

Second Semester 2018-2019

January 7 (M)	Second Semester begins
January 7 (M)	Registration for all students
January 7 (M)	Registration for Practice School II
January 7 (M)	Practice School II begins
January 8 (T)	Class-work begins
January 14 (M)	Makar Sankranti (H)
January 22 (T)	Saturday's Timetable to be followed
January 23 (W)	Last day for substitution of courses
January 24 (Th)-27 (Su)	ARENA 2019
January 26 (S)	Republic Day (H)
January 28 (M)	Last day for submission of Application for Merit-Cum Need Scholarship
February 9 (S)	Basant Panchami (H)
February 12 (T)	Saturday's Timetable to be followed
March 11 (M)-16 (S)	Mid-Semester Test (Class work Suspended)
March 16 (S)	Last day for withdrawal from courses
March 21 (Th)	Holi (H)
March 22 (F)-24 (Su)	PEARL 2019
March 23 (S)	Last day for returning evaluated answerscripts of Mid-Semester Test
March 26 (T)	Last day for Mid-Semester Grading
April 06 (S)	Ugadi (H)
April 14 (Su)	Ram Navami (H)
April 17 (W)	Mahavir Jayanti (H)
April 19 (F)	Good Friday (H)
April 21 (Su)	Registration for Practice School I
April 25 (Th)	Last day of Pre-comprehensive marks display
April 29 (M)	Last day for class work
May 1 (W)	Comprehensive Examination begins
May 14 (T)	Comprehensive Examination ends
May 14 (T)	Second Semester ends
May 18 (S)	Budhha Purnima (H)
May 19 (Su)	Summer Vacation begins
May 21 (T)	Summer Term begins
May 21 (T)	Practice School I begins
June 5 (W)	Id-ul fitr (H)*
June 18 (T)	Practice School II ends
July 13 (S)	Practice School I ends
July 14 (Su)	Summer Term ends
July 17 (W)	Summer Vacation ends
December 25 (T)	Christmas (H)

* Observance of the holiday is subject to the sighting of the Moon.

Annexure 3.4

Research Publications

Authors	Title	Year	Source title	Vol.	Issue	Art. No.	Page start	Page end
Choubisa R., Sébilleau D., Xu J., Natoli C.R.	(e,2e) impact ionization processes for surface science	2018	Springer Proceedings in Physics	204			259	264
Bellikar G., Bhatia A., Hansdah R.C., Singh S.	3TAAV: A three-tier architecture for pseudonym-based anonymous authentication in VANETs	2018	International Conference on Information Networking	2018-January			420	425
Vashishth S., Sinha Y., Haribabu K.	A browser-based distributed framework for content sharing and student collaboration	2018	Advances in Intelligent Systems and Computing	519			111	118
Gupta S., Gupta B.B., Chaudhary P.	A client-server JavaScript code rewriting-based framework to detect the XSS worms from online social network	2018	Concurrency Computation					
Rai S.K., Dhakar A.K., Pal U.N.	A compact nanosecond pulse generator for DBD tube characterization	2018	Review of Scientific Instruments	89	3	33505		
Bedi T., Heema D., Singh D.	A Comparative Analysis of Digital and Passive Filters for IFOC based Induction Motor Drive (EV) fed through ZSI	2018	IOP Conference Series: Materials Science and Engineering	331	1	12002		
Suneja D., Chaturvedi N., Gurunarayanan S.	A comparative analysis of read/write assist techniques on performance & margin in 6T SRAM cell design	2017	2017 International Conference on Computer, Communications and Electronics, COMPTLIX 2017			8004051	659	664
Agarwal A., Samaiya D., Gupta K.K.	A Comparative Study of SIFT and SURF Algorithms under Different Object and Background Conditions	2018	Proceedings - 2017 International Conference on Information Technology, ICIT 2017			8423880	42	45
Bhatia A., Patro R.K.	A Delay and Energy Efficient Poll-Based MAC Protocol for Wireless Body Area Networks	2018	Wireless Personal Communications	99	2		915	939
Maiti A.P., Dubey B., Tushar J.	A delayed prey–predator model with Crowley–Martin-type functional response including prey refuge	2017	Mathematical Methods in the Applied Sciences	40	16		5792	5809
Gautam A., Thakur A., Dhanania G., Mohan S.	A distributed algorithm for balanced multi-robot task allocation	2018	11th International Conference on Industrial and Information Systems, ICIIS 2016 - Conference Proceedings	2018-January			622	627

Authors	Title	Year	Source title	Vol.	Issue	Art. No.	Page start	Page end
Islam S., Balasubramani S., Goyal P., Sati M., Goyal N.	A domain specific language for clustering	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10109 LNCS			231	234
Pandey K., Saroj, Choudhary S., Kumar A.	A Facile and Convenient Synthesis of Chromenes using Reusable Sulfonic Acid Functionalized Imidazolium Salt	2017	ChemistrySelect	2	16		4452	4455
Tantak M.P., Mukherjee D.D., Kumar A., Chakrabarti G., Kumar D.	A facile and microwave-assisted rapid synthesis of 2-arylamino-4-(3'-indolyl)-thiazoles as apoptosis inducing cytotoxic agents	2017	Anti-Cancer Agents in Medicinal Chemistry	17	3		442	455
Dhiman S., Nandwana N.K., Dhayal S., Saini H.K., Kumar D., Kumar A.	A Facile Synthesis of Quinazolin-4(3H)-ones via Copper-Catalyzed One-Pot, Three-Component Tandem Reaction	2017	ChemistrySelect	2	26		8016	8019
Rajput N.S., Banerjee R.	A game-theoretic strategy for pareto-optimal cooperation in resource constrained vehicular ad-hoc networks	2017	TENSYP 2017 - IEEE International Symposium on Technologies for Smart Cities			8069987		
Goyal N., Balasubramani S., Goyal P., Islam S., Sati M.	A high performance computing framework for data mining	2017	Proceedings - 23rd IEEE International Conference on High Performance Computing Workshops, HiPCW 2016			7837043	11	18
Aggarwal R., Singh S.	A hybrid approach for supplier selection based on revised data envelopment analytic hierarchy process	2018	International Journal of Operational Research	31	4		478	509
Shekhawat V.S., Kumar K.N.	A message acknowledgment based congestion control (MACC) for delay tolerant networks	2018	11th International Conference on Industrial and Information Systems, ICIIS 2016 - Conference Proceedings	2018-January			815	820
Sébilleau D., Xu J., Choubisa R., Natoli C.R.	A multiple scattering approach to the EELS cross-section	2018	Springer Proceedings in Physics	204			357	362
Patel A., Datt Mathur H., Bhanot S.	A new and simple SRF based power angle control for UPQCdg to integrate solar PV into grid	2018	2017 7th International Conference on Power Systems, ICPS 2017				75	80
Padhi T., Chandra M., Kar A., Swamy M.	A New Hybrid Active Noise Control System with Convex Combination of Time and Frequency Domain Filtered-X LMS Algorithms	2018	Circuits, Systems, and Signal Processing	37	8		3275	3294

Authors	Title	Year	Source title	Vol.	Issue	Art. No.	Page start	Page end
Rajput N.S., Banerjee R., Rajput A., Siwach A.	A new model for effective use of robustness as a measure of QoS in vehicular ad-hoc networks	2017	International Conference on Advanced Communication Technology, ICACT			7890119	388	398
Patel A., Mathur H.D., Bhanot S.	A new SRF-based power angle control method for UPQC-DG to integrate solar PV into grid	2018	International Transactions on Electrical Energy Systems					
Mundra S., Thakur V., Bello A.M., Rathore S., Asad M., Wei L., Yang J., Chakka S.K., Mahesh R., Malhotra P., Mohammed A., Kotra L.P.	A novel class of Plasmodial ClpP protease inhibitors as potential antimalarial agents	2017	Bioorganic and Medicinal Chemistry	25	20		5662	5677
Gudlavalleti R.H., Bose S.C., Verma S.K., Khatri P., Scaria J., Dhewa S., Chaubey V.K.	A Novel Fluorometric Bio-Sensing-Based Arsenic Detection System for Groundwater	2017	IEEE Sensors Journal	17	17	7971917	5391	5398
Hafizul Islam S.K., Sabzinejad Farash M., Biswas G.P., Khurram Khan M., Obaidat M.S.	A pairing-free certificateless digital multisignature scheme using elliptic curve cryptography	2017	International Journal of Computer Mathematics	94	1		39	55
Islam S.H., Biswas G.P.	A pairing-free identity-based two-party authenticated key agreement protocol for secure and efficient communication	2017	Journal of King Saud University - Computer and Information Sciences	29	1		63	73
Tiwari K., Hwang C.J., Gupta P.	A palmprint based recognition system for smartphone	2017	FTC 2016 - Proceedings of Future Technologies Conference			7821664	577	586
Kumar D.	A parameter-uniform method for singularly perturbed turning point problems exhibiting interior or twin boundary layers	2018	International Journal of Computer Mathematics				1	18
Kumar D., Kumari P.	A parameter-uniform numerical scheme for the parabolic singularly perturbed initial boundary value problems with large time delay	2018	Journal of Applied Mathematics and Computing				1	28
Singh S.B., Chauhan A., Munjal P.	A parametric study on response of FRP strengthened masonry walls under blast loading	2017	Asian Journal of Civil Engineering	18	4		593	605

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Sinha S., Kumar A., Aniruddhan S.	A passive RF impedance tuner for 2.4 GHz ISM band applications	2018	2018 IEEE 19th Wireless and Microwave Technology Conference, WAMICON 2018				1	4
Hazra A.	A Physical Modeling of TiO ₂ Nanotube Array-Based Capacitive Vapor Sensor	2018	IEEE Transactions on Nanotechnology	17	1	8094291	93	99
Rai S., Rupani A., Walter D., Raitza M., Heinzig A., Baldauf T., Trommer J., Mayr C., Weber W.M., Kumar A.	A physical synthesis flow for early technology evaluation of silicon nanowire based reconfigurable FETs	2018	Proceedings of the 2018 Design, Automation and Test in Europe Conference and Exhibition, DATE 2018	2018-January			605	608
Upadhyay P., Pulipaka S., Sharma M., Kumar R.	A proposed maximum power point operating strategy for photovoltaic applications using monthly irradiance estimates	2017	Solar Energy	141			266	277
Singh S.B., Sethi A.	A review of performance of fibre reinforced polymer strengthened structures under fire exposure	2017	Proceedings of the Indian National Science Academy	83	3		521	532
Srivastava N., Raghav P.	A review on swarm intelligence based routing algorithms in mobile adhoc network	2017	8th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2017			8203988		
Amin R., Islam S.H., Biswas G.P., Khan M.K., Kumar N.	A robust and anonymous patient monitoring system using wireless medical sensor networks	2018	Future Generation Computer Systems	80			483	495
Gupta S., Gupta B.B.	A Robust server-side javascript feature injection-based design for JSP web applications against XSS vulnerabilities	2018	Advances in Intelligent Systems and Computing	729			459	465
Kono T., Mehrotra S., Endo C., Kizu N., Matusda M., Kimura H., Mizohata E., Inoue T., Hasunuma T., Yokota A., Matsumura H., Ashida H.	A RuBisCO-mediated carbon metabolic pathway in methanogenic archaea	2017	Nature Communications	8		14007		
Srinivas R., Singh A.P., Sharma R.	A Scenario Based Impact Assessment of Trace Metals on Ecosystem of River Ganges Using Multivariate Analysis Coupled with Fuzzy Decision-Making Approach	2017	Water Resources Management	31	13		4165	4185

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Sehrawat M., Giri A.K.	A Sectoral Analysis of the Role of Stock Market Development on Economic Growth: Empirical Evidence from Indian Economy	2017	Global Business Review	18	4		911	923
Patel A., Datt Mathur H., Bhanot S.	A simple approach to improvement in performance of UPQC in presence of unbalanced load	2018	Asia-Pacific Power and Energy Engineering Conference, APPEEC	2017-November			1	6
Kaura L., Mallya A., Singh V.A.	A Simple Model for the Distribution of Dark Matter	2018	Physics Teacher	56	7		430	431
Jones P.M., Lonne Q., Talaia P., Leighton G.J.T., Botte G.G., Mutnuri S., Williams L.	A Straightforward Route to Sensor Selection for IoT Systems	2018	Research Technology Management	61	5		41	50
Hareendran M., Sreejith S.	A study on surface quality of thin-walled machined parts	2018	Materials Today: Proceedings	5	9		18730	18738
Sandhya, Swamy M., Haribabu K., Bhatia A.	Achieving waypoint enforcement in multi-VLAN hybrid SDN	2018	2018 10th International Conference on Communication Systems and Networks, COMSNETS 2018	2018-January			519	521
Kumar R., Chaturvedi P., Bansal H.O., Ajmera P.K.	Adaptive artificial neural network based control strategy for shunt active power filter	2017	International Conference on Electrical Power and Energy Systems, ICEPES 2016			7915929	194	199
Mohanty S., Gupta K.K., Raju K.S.	Adaptive fault identification of bearing using empirical mode decomposition-principal component analysis-based average kurtosis technique	2017	IET Science, Measurement and Technology	11	1		30	40
Manglik A., Gupta K., Bhanot S.	Adaptive gait generation for hexapod robot using Genetic Algorithm	2017	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2016			7853681		
Pragallapati N., Sen T., Agarwal V.	Adaptive Velocity PSO for Global Maximum Power Control of a PV Array under Nonuniform Irradiation Conditions	2017	IEEE Journal of Photovoltaics	7	2	7802575	624	639
Karishma P., Mahesha C.K., Agarwal D.S., Mandal S.K., Sakhuja R.	Additive-Driven Rhodium-Catalyzed [4+1]/[4+2] Annulations of N-Arylphthalazine-1,4-dione with α -Diazo Carbonyl Compounds	2018	Journal of Organic Chemistry	83	19		11661	11673

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Jain M., Shekhar C., Meena R.K.	Admission Control Policy of Maintenance for Unreliable Server Machining System with Working Vacation	2017	Arabian Journal for Science and Engineering	42	7		2993	3005
Mittal V.K., Sindhwani R., Kalsariya V., Salroo F., Sangwan K.S., Singh P.L.	Adoption of Integrated Lean-Green-Agile Strategies for Modern Manufacturing Systems	2017	Procedia CIRP	61			463	468
Basu M., Nazir R., Mahala C., Fageria P., Chaudhary S., Gangopadhyay S., Pande S.	Ag2S/Ag Heterostructure: A Promising Electrocatalyst for the Hydrogen Evolution Reaction	2017	Langmuir	33	13		3178	3186
Potdar P.K., Routroy S., Behera A.	Agile manufacturing: a systematic review of literature and implications for future research	2017	Benchmarking	24	7		2022	2048
Routroy S., Behera A.	Agriculture supply chain: A systematic review of literature and implications for future research	2017	Journal of Agribusiness in Developing and Emerging Economies	7	3		275	302
Elizalde B., Shah A., Dalmia S., Lee M.H., Badlani R., Kumar A., Raj B., Lane I.	An Approach for Self-Training audio event detectors using web data	2017	25th European Signal Processing Conference, EUSIPCO 2017	2017-January		8081532	1863	1867
Das S.K., Dash S., Rout B.K.	An approach for tracking of mobile robot with vision sensor	2018	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017				1077	1081
Sunil Kumar C.V., Routroy S.	An approach to address principal supplier development impediments	2017	Benchmarking	24	5		1190	1214
Shakoor S.M.A., Mandal S.K., Sakhuja R.	An Articulate Oxidative Transition-Metal-Free Homocoupling of Imidazo Heterocycles through C(sp ²)-C(sp ²) Bond Formation	2017	European Journal of Organic Chemistry	2017	18		2596	2602
Jindal A., Dua A., Kumar N., Vasilakos A.V., Rodrigues J.J.P.C.	An efficient fuzzy rule-based big data analytics scheme for providing healthcare-as-a-service	2017	IEEE International Conference on Communications			7996965		
Kumar D., Goyal P., Goyal N.	An efficient method for batch updates in OPTICS cluster ordering	2018	International Journal of Data Analysis Techniques and Strategies	10	1		57	80
Mishra P., Kumar V., Rana K.P.S.	An efficient method for parameter estimation of a nonlinear system using Backtracking Search Algorithm	2018	Engineering Science and Technology, an International Journal	21	3		338	350

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Chotia V., Rao N.V.M.	An empirical investigation of the link between infrastructure development and poverty reduction: The case of India	2017	International Journal of Social Economics	44	12		1906	1918
Sehrawat M., Giri A.K.	An empirical relationship between financial development indicators and human capital in some selected Asian countries	2017	International Journal of Social Economics	44	3		337	349
Singh R., Choudhary S.K.	An empirical study on the predictive role of SES on high school students' achievement in learning ESL	2018	International Journal of Learning and Change	10	2		163	183
Gupta N., Rohil M.K.	An experimental study of markerless image registration methods on varying quality of images for augmented reality applications	2017	Thematic Workshops 2017 - Proceedings of the Thematic Workshops of ACM Multimedia 2017, co-located with MM 2017				502	510
Chandaliya M., Chaturvedi N., Gurunarayanan S.	An exploration of neuromorphic systems and related design issues/challenges in dark silicon era	2018	IOP Conference Series: Materials Science and Engineering	331	1	12003		
Kumar D.	An implicit scheme for singularly perturbed parabolic problem with retarded terms arising in computational neuroscience	2018	Numerical Methods for Partial Differential Equations	34	6		1933	1952
Anand A., Kar A., Swamy M.N.S.	An improved CLMS algorithm for feedback cancellation in hearing aids	2018	Applied Acoustics	129			417	426
Patel A., Mathur H.D., Bhanot S.	An improved control method for unified power quality conditioner with unbalanced load	2018	International Journal of Electrical Power and Energy Systems	100			129	138
Srinivas R., Singh A.P.	An integrated fuzzy-based advanced eutrophication simulation model to develop the best management scenarios for a river basin	2018	Environmental Science and Pollution Research	25	9		9012	9039
Kumar R., Singh R.I.	An investigation of co-combustion municipal sewage sludge with biomass in a 20 kW BFB combustor under air-fired and oxygen-enriched condition	2017	Waste Management	70			114	126
Kalra P., Hussain S., Chaturvedi N.	An investigation of power-performance aware accelerator/core allocation challenges in dark silicon heterogeneous systems	2017	Proceedings - 2016 IEEE International Symposium on Nanoelectronic and Information Systems, iNIS 2016			7829521	52	55
Singh S.B., Chawla H.	An investigation of material characterization of pultruded FRP H- and I-beams	2018	Mechanics of Advanced Materials and Structures	25	2		124	142

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Singh M., Srivastava A., Bhunia D.	An investigation on effect of partial replacement of cement by waste marble slurry	2017	Construction and Building Materials	134			471	488
Malik N., Kumar P., Shrivastava S., Ghosh S.B.	An overview on PET waste recycling for application in packaging	2017	International Journal of Plastics Technology	21	1			
Ramaraju P., Mir N.A., Singh D., Sharma P., Kant R., Kumar I.	An Unprecedented Pseudo-[3+2] Annulation between N-(4-Methoxyphenyl)aldimines and Aqueous Glutaraldehyde: Direct Synthesis of Pyrrole-2,4-dialdehydes	2017	European Journal of Organic Chemistry	2017	24		3461	3465
Kumari S., Shakoor S.M.A., Khullar S., Mandal S.K., Sakhuja R.	An unprecedented tandem synthesis of fluorescent coumarin-fused pyrimidines: Via copper-catalyzed cross-dehydrogenative C(sp ³)-N bond coupling	2018	Organic and Biomolecular Chemistry	16	17		3220	3228
Basantani M.K., Gupta D., Mehrotra R., Mehrotra S., Vaish S., Singh A.	An update on bioinformatics resources for plant genomics research	2017	Current Plant Biology	43445			33	40
Ahammed M.E., Bhattacharyya S., Ramgopal M.	Analysis of CO ₂ based refrigeration systems with and without ejector for simultaneous pasteurization and chilling of milk [Analyse des systèmes frigorifiques au CO ₂ avec et sans éjecteur pour la pasteurisation et la réfrigération simultanées du lait]	2018	International Journal of Refrigeration	95			61	72
Singh R.P., Jha P.N.	Analysis of fatty acid composition of PGPR <i>Klebsiella</i> sp. SBP-8 and its role in ameliorating salt stress in wheat	2017	Symbiosis	73	3		213	222
Pulipaka S., Kumar R.	Analysis of soil distortion factor for photovoltaic modules using particle size composition	2018	Solar Energy	161			90	99
Sihag N., Kala P., Pandey P.M.	Analysis of Surface Finish Improvement during Ultrasonic Assisted Magnetic Abrasive Finishing on Chemically treated Tungsten Substrate	2017	Procedia Manufacturing	10			136	146
Sharma A., Mishra R.P., Chakraborty A., Gupta G.	Analysis of TPM Barriers using ISM-MICMAC Approach	2017	Proceedings of the International Conference on Industrial Engineering and Operations Management				1394	

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Jolly P., Raman S.	Analyzing Surface Defects in Apples Using Gabor Features	2017	Proceedings - 12th International Conference on Signal Image Technology and Internet-Based Systems, SITIS 2016			7907463	178	185
Potdar P.K., Routroy S., Behera A.	Analyzing the agile manufacturing barriers using fuzzy DEMATEL	2017	Benchmarking	24	7		1912	1936
Kajla M., Kakani P., Choudhury T.P., Kumar V., Gupta K., Dhawan R., Gupta L., Kumar S.	Anopheles stephensi heme peroxidase HPX15 suppresses midgut immunity to support Plasmodium development	2017	Frontiers in Immunology	8	MAR	249		
Gupta D., Mahesh R.	Antidepressant therapy for depression: An update	2018	Understanding Depression: Clinical Manifestations, Diagnosis and Treatment	2			235	249
Dhawan R., Gupta K., Kajla M., Kakani P., Choudhury T.P., Kumar S., Kumar V., Gupta L.	Apolipoprotein-III acts as a positive regulator of Plasmodium development in Anopheles stephensi	2017	Frontiers in Physiology	8	APR	185		
Suresh Babu G.V., Ganesh V., Sreedhar M.	Application of bacteria foraging algorithm for MMC based smart micro grid	2017	2017 IEEE International Conference on Smart Grid and Smart Cities, ICSGSC 2017			8038582	232	236
Sharma S., Patil B., Pathak A., Ghosalkar S., Mohanta H.K., Roy B.	Application of BICOVOX catalyst for hydrogen production from ethanol	2018	Clean Technologies and Environmental Policy	20	4		695	701
Srinivas R., Singh A.P.	Application of Fuzzy Multi-criteria Approach to Assess the Water Quality of River Ganges	2018	Advances in Intelligent Systems and Computing	583			513	522
Digalwar A.K.	Application of Fuzzy TOPSIS for evaluating machining techniques using sustainability metrics	2018	IOP Conference Series: Materials Science and Engineering	346	1	12039		
Mishra D., Sarkar A.K.	Application of neural network in modeling commuter choice behavior with a novel fuzzy access measure	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10630 LNAI			313	321

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Mishra S., Raghuvanshi S., Gupta S., Raj K.	Application of novel thermo-tolerant haloalkalophilic bacterium Halomonas stevensii for bio mitigation of gaseous phase CO ₂ : Energy assessment and product evaluation studies	2017	Process Biochemistry	55			133	145
Vulusala G V.S., Madichetty S.	Application of superconducting magnetic energy storage in electrical power and energy systems: a review	2018	International Journal of Energy Research	42	2		358	368
Singh R., Rout B.K.	Applying swing-leg retraction on an actuated spring loaded inverted pendulum model	2018	Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018				1059	1062
Bhatia S.	Approximate triangle count and clustering coefficient	2018	Proceedings of the ACM SIGMOD International Conference on Management of Data				1809	1811
Yadav R.S., Mahatma M.K., Thirumalaisamy P.P., Meena H.N., Bhaduri D., Arora S., Panwar J.	Arbuscular mycorrhizal fungi (AMF) for sustainable soil and plant health in salt-affected soils	2017	Bioremediation of Salt Affected Soils: An Indian Perspective				133	156
Purohit N., Khargarot B.S., Gullo P., Purohit K., Dasgupta M.S.	Assessment of Alumina Nanofluid as a Coolant in Double Pipe Gas Cooler for Trans-critical CO ₂ Refrigeration Cycle	2017	Energy Procedia	109			219	226
Jha S.K., Puppala H.	Assessment of subsurface temperature distribution from the gauged wells of Puga Valley, Ladakh	2017	Geothermal Energy	5	1	3		
Bindra P., Gangopadhyay S., Hazra A.	Au/TiO ₂ Nanotubes/Ti-Based Solid-State Vapor Sensor: Efficient Sensing in Resistive and Capacitive Modes	2018	IEEE Transactions on Electron Devices	65	5		1918	1924
Jha M., Dhiman S., Cameron T.S., Kumar D., Kumar A.	Au-Catalyzed Synthesis of Thiopyrano[2,3-b]indoles Featuring Tandem Rearrangement and Hydroarylation	2017	Organic Letters	19	8		2038	2041
Sharda N., Bhat A.K.	Austerity to materialism and brand consciousness: luxury consumption in India	2018	Journal of Fashion Marketing and Management	22	2		223	239
Bajaj K., Agarwal D.S., Sakhuja R., Pillai G.G.	Aziridine based electrophilic handle for aspartic acid ligation	2018	Organic and Biomolecular Chemistry	16	23		4311	4319
Bajaj K., Sakhuja R.	Aziridine-Mediated Ligation at Phenylalanine and Tryptophan Sites	2017	Chemistry - An Asian Journal	12	15		1869	1874

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Gautam A., Ram S.P.A., Shekhawat V.S., Mohan S.	Balanced partitioning of workspace for efficient multi-robot coordination	2018	2017 IEEE International Conference on Robotics and Biomimetics, ROBIO 2017	2018- January			104	109
Bhatia A., Singh S.	Bandwidth efficient clock skew compensation in TDMA-based star topology wireless networks	2017	Proceedings - International Conference on Advanced Information Networking and Applications, AINA			792095 3	522	529
Navada S., Arun M., Balasubramani an S.	Bare-metal agent architecture for target communication framework	2018	Proceedings - International Conference on Trends in Electronics and Informatics, ICEI 2017	2018- January			1100	1105
Wagenmakers E.-J., Love J., Marsman M., Jamil T., Ly A., Verhagen J., Selker R., Gronau Q.F., Dropmann D., Boutin B., Meerhoff F., Knight P., Raj A., van Kesteren E.-J., van Doorn J., Šmíra M., Epskamp S., Etz A., Matzke D., de Jong T., van den Bergh D., Sarafoglou A., Steingroever H., Derks K., Rouder J.N., Morey R.D.	Bayesian inference for psychology. Part II: Example applications with JASP	2018	Psychonomic Bulletin and Review	25	1		58	76
Sangwan K.S., Choudhary K.	Benchmarking manufacturing industries based on green practices	2018	Benchmarking	25	6		1746	1761
Bhatia S., Lad K., Kumar R.	Bend-optimal orthogonal drawings of triconnected plane graphs	2018	AKCE International Journal of Graphs and Combinatorics	15	2		168	173
Saxena P., Mathur A., Bhatnagar M.R.	BER performance of an optically pre-amplified FSO system under turbulence and pointing errors with ASE noise	2017	Journal of Optical Communications and Networking	9	6	794708 7	498	510
Patil B., Sharma S., Mohanta H.K., Roy B.	BINIVOX catalyst for hydrogen production from ethanol by low temperature steam reforming (LTSR)	2017	Journal of Chemical Sciences	129	11		1741	1746

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Kadam H., Bandyopadhyay-Ghosh S., Malik N., Ghosh S.B.	Bio-based engineered nanocomposite foam with enhanced mechanical and thermal barrier properties	2018	Journal of Applied Polymer Science			47063		
Singh R.P., Jha P., Jha P.N.	Bio-inoculation of Plant Growth-promoting Rhizobacterium <i>Enterobacter cloacae</i> ZNP-3 Increased Resistance Against Salt and Temperature Stresses in Wheat Plant (<i>Triticum aestivum</i> L.)	2017	Journal of Plant Growth Regulation	36	3		783	798
Kulkarni Y.A., Garud M.S., Oza M.J., Gaikwad A.B.	Biomarkers of Multiple Sclerosis and Their Modulation by Natural Products	2017	Nutrition and Lifestyle in Neurological Autoimmune Diseases: Multiple Sclerosis				275	284
Fageria L., Pareek V., Dilip R.V., Bhargava A., Pasha S.S., Laskar I.R., Saini H., Dash S., Chowdhury R., Panwar J.	Biosynthesized Protein-Capped Silver Nanoparticles Induce ROS-Dependent Proapoptotic Signals and Prosurvival Autophagy in Cancer Cells	2017	ACS Omega	2	4		1489	1504
Singh S.B., Munjal P.	Bond strength and compressive stress-strain characteristics of brick masonry	2017	Journal of Building Engineering	9			10	16
Büth L., Bhakar V., Sihag N., Posselt G., Böhme S., Sangwan K.S., Herrmann C.	Bridging the Qualification Gap between Academia and Industry in India	2017	Procedia Manufacturing	9			275	282
Bindra P., Hazra A.	Capacitive gas and vapor sensors using nanomaterials	2018	Journal of Materials Science: Materials in Electronics	29	8		6129	6148
Tiwari K., Gupta P.	Certain Challenges in Biometrics System Development	2018	Communications in Computer and Information Science	844			113	123
Ikeda M., Sah A.K., Iwase M., Murashige R., Ishi-I J.-I., Hasegawa M., Kachi-Terajima C., Park K.-M., Kuwahara S., Habata Y.	C-H...Cl- hydrogen bonds in solution and in the solid-state: HgCl ₂ complexes with cyclen-based cryptands	2017	Dalton Transactions	46	12		3800	3804

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Bhattacharya S., Heinke C.O., Chugunov A.I., Freire P.C., Ridolfi A., Bogdanov S.	Chandra studies of the globular cluster 47 Tucanae: A deeper X-ray source catalogue, five new X-ray counterparts to millisecond radio pulsars and new constraints to r-mode instability window	2017	Monthly Notices of the Royal Astronomical Society	472	3		3706	3721
Singh N.K., Mani R., Hussaindeen J.R.	Changes in stimulus and response AC/A ratio with vision therapy in Convergence Insufficiency [Cambios del ratio AC/A estímulo y respuesta tras con terapia visual en casos de Insuficiencia de Convergencia]	2017	Journal of Optometry	10	3		169	175
Saggu G.S., Garg S., Pala Z.R., Yadav S.K., Kochar S.K., Kochar D.K., Saxena V.	Characterization of 4-hydroxy-3-methylbut-2-en-1-yl diphosphate synthase (IspG) from Plasmodium vivax and it's potential as an antimalarial drug target	2017	International Journal of Biological Macromolecules	96			466	473
Patil K.H., Sahoo S.	Charge characteristics of adsorbed natural gas storage system based on MAXSORB III	2018	Journal of Natural Gas Science and Engineering	52			267	282
Venkat Ram Reddy K., Gowri Manohar T., Sreedhar M.	Circulating current mitigating scheme in MMC based HVDC system with H _∞ repetitive controllers	2017	International Journal of Electrical Power and Energy Systems	85			143	152
Kulshrestha T., Gupta A., Chowdhury S.	Classification of DNA structure through structure network analysis	2017	Proceedings of the 9th International Conference on Bioinformatics and Computational Biology, BICOB 2017				45	50
Agarwal D.S., Siva Krishna V., Sriram D., Yogeewari P., Sakhuja R.	Clickable conjugates of bile acids and nucleosides: Synthesis, characterization, in vitro anticancer and antituberculosis studies	2018	Steroids	139			35	44
Agarwal S., Iyer G., Srinivasan B., Agarwal M., Kumar S.P.S., Therese L.K.	Clinical profile of pythium keratitis: Perioperative measures to reduce risk of recurrence	2018	British Journal of Ophthalmology	102	2		153	157
Sagar K.V.	Clogging of oil filters, oil jets, its consequences and a requirement of a pressure relief valve (prv) in oil filters of jet engines	2017	International Journal of Mechanical Engineering and Technology	8	6		156	166
Goel K., Goel I.	Cloud computing based social media model	2017	Proceedings of the International Conference on Inventive Computation Technologies, ICICT 2016	1		7823184		

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Lokachari N., Tomar S., Sharma R.	Cold model study of hydrodynamic parameters affecting the performance of re-circulating fluidized bed	2017	Process Development Division 2017 - Core Programming Area at the 2017 AIChE Annual Meeting	2017-October			81	91
Gella L., Raman R., Kulothungan V., Pal S., Ganesan S., Srinivasan S., Sharma T.	Color vision abnormalities in type II diabetes: Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetics Study II report no 2	2017	Indian Journal of Ophthalmology	65	10		989	994
Purohit N., Gullo P., Dasgupta M.S.	Comparative Assessment of Low-GWP Based Refrigerating Plants Operating in Hot Climates	2017	Energy Procedia	109			138	145
John A., Vetrivel U., Subramanian K., Deepa P.R.	Comparative docking of dual conformations in human fatty acid synthase thioesterase domain reveals potential binding cavity for virtual screening of ligands	2017	Journal of Biomolecular Structure and Dynamics	35	6		1350	1366
Gupta V.	Comparative performance of contradictory and non-contradictory judgement matrices in AHP under qualitative and quantitative metrics	2018	International Journal of Decision Support System Technology	10	1		21	38
Hussain S., Bhunia D., Singh S.B.	Comparative study of accelerated carbonation of plain cement and fly-ash concrete	2017	Journal of Building Engineering	10			26	31
Gullo P., Purohit N., Dasgupta M.S., Hafner A., Banasiak K.	Comparative study of various supermarket refrigerating systems in European climate context	2018	Refrigeration Science and Technology	2018-April			124	132
Nain S., Rathore J.S., Sharma N.N.	Comparison of Piezo-material based Energy Transduction Systems for Artificial Nanoswimmer	2018	IOP Conference Series: Materials Science and Engineering	346	1	12079		

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Pulipaka S., Kumar R.	Comparison of SOM and conventional neural network data division for PV reliability power prediction	2017	Conference Proceedings - 2017 17th IEEE International Conference on Environment and Electrical Engineering and 2017 1st IEEE Industrial and Commercial Power Systems Europe, IEEEIC / I and CPS Europe 2017			7977474		
Bhargava R., Baoni A., Sharma Y.	Composite Sequential Modeling for Identifying Fake Reviews	2018	Journal of Intelligent Systems					
Misra P., Chintanpalli A.	Computational model predictions of level dependent changes in vowel identification with addition of rate-place cue	2018	4th IEEE International Conference on Signal Processing, Computing and Control, ISPPCC 2017	2017- January			616	620
Jangir B.K., Kumawat V., Khatun H., Sinha A.K.	Computationally improved algorithm to find higher roots of integer order bessel function in gyrotron application	2017	2017 2nd International Conference for Convergence in Technology, I2CT 2017	2017- January			910	914
Jha S.K., Puppala H.	Conceptual modeling and characterization of Puga geothermal reservoir, Ladakh, India	2018	Geothermics	72			326	337
Deepika S., Anand G., Bahurudeen A., Santhanam M.	Construction products with sugarcane bagasse ash binder	2017	Journal of Materials in Civil Engineering	29	10	4017189		
Manocha P., Badlani R., Kumar A., Shah A., Elizalde B., Raj B.	Content-Based Representations of Audio Using Siamese Neural Networks	2018	ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings	2018- April		8461524	3136	3140
Gella L., Raman R., Pal S.S., Ganesan S., Sharma T.	Contrast sensitivity and its determinants in people with diabetes: SN-DREAMS-II, Report No 6	2017	Eye (London, England)	31	3		460	466
Gella L., Raman R., Pal S.S., Ganesan S., Sharma T.	Contrast sensitivity and its determinants in people with diabetes: SN-DREAMS-II, Report No 6	2017	Eye (Basingstoke)	31	3		460	466
Anand A., Kar A., Bakshi S., Swamy M.N.S.	Convex combinations of adaptive filters for feedback cancellation in hearing aids	2017	Journal of Ambient Intelligence and Humanized Computing				1	11

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Dhiman S., Rhodes S., Kumar D., Kumar A., Jha M.	Copper-Catalyzed Tandem Imine Formation, Sonogashira Coupling and Intramolecular Hydroamination: A Facile Synthesis of 3-Aryl- γ -carbolines	2017	ChemistrySelect	2	28		8922	8926
Khandelwal A., Kumar A., Ahluwalia R., Murali P.	Crack propagation in staggered structures of biological and biomimetic composites	2017	Computational Materials Science	126			238	243
Srinivasan P., Kushwaha S.	Creep life prediction of super heater coils used in coal based thermal power plants subjected to fly ash erosion and oxide scale formation	2018	IOP Conference Series: Materials Science and Engineering	346	1	12008		
Agariya A.K., Tikoria J.	CRM scale development for enhancing business excellence in the Indian airline sector	2017	International Journal of Business Excellence	12	4		537	557
Shukla P., Gupta A.	Current-Mode PMOS capacitance multiplier	2017	Proceedings of the International Conference on Inventive Systems and Control, ICISC 2017			8068658		
Raje S., Vaderia S., Wilson N., Panigrahi R.	Decentralised firewall for malware detection	2018	International Conference on Advances in Computing, Communication and Control 2017, ICAC3 2017	2018-January			1	5
Saggu G.S., Garg S., Pala Z.R., Kochar S.K., Saxena V.	Deciphering the role of IspD (2-C-methyl-D-erythritol 4-phosphate cytidyltransferase) enzyme as a potential therapeutic drug target against Plasmodium vivax	2018	Gene	675			240	253
Nazir R., Fageria P., Basu M., Pande S.	Decoration of Carbon Nitride Surface with Bimetallic Nanoparticles (Ag/Pt, Ag/Pd, and Ag/Au) via Galvanic Exchange for Hydrogen Evolution Reaction	2017	Journal of Physical Chemistry C	121	36		19548	19558
Fageria P., Sudharshan K.Y., Nazir R., Basu M., Pande S.	Decoration of MoS ₂ on g-C ₃ N ₄ surface for efficient hydrogen evolution reaction	2017	Electrochimica Acta	258			1273	1283
Nazir R., Fageria P., Basu M., Gangopadhyay S., Pande S.	Decoration of Pd and Pt nanoparticles on a carbon nitride (C ₃ N ₄) surface for nitro-compounds reduction and hydrogen evolution reaction	2017	New Journal of Chemistry	41	18		9658	9667

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Bhargava R., Sharma G., Sharma Y.	Deep paraphrase detection in indian languages	2017	Proceedings of the 2017 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, ASONAM 2017				1152	1159
Kaur G., Pande B., Bhardwaj A., Bhagat G., Gupta S.	Defense Against HTML5 XSS Attack Vectors: A Nested Context-Aware Sanitization Technique	2018	Proceedings of the 8th International Conference Confluence 2018 on Cloud Computing, Data Science and Engineering, Confluence 2018			8442855	442	446
Chakraborty T., Chakraborty T.	Design and analysis of a novel mathematical model towards realizing the need for intelligent transportation system in Indian cities	2017	Proceedings - 2017 3rd IEEE International Conference on Research in Computational Intelligence and Communication Networks, ICRCICN 2017	2017-December			180	185
Padhi T., Chandra M., Kar A., Swamy M.N.S.	Design and analysis of an improved hybrid active noise control system	2017	Applied Acoustics	127			260	269
Ayn Q., Rao P.A.N., Rao P.M., Prasad B.S.	Design and analysis of high gain 2x2 and 2x4 circular patch antenna arrays with and without air-gap for WLAN applications	2018	2018 Conference on Signal Processing And Communication Engineering Systems, SPACES 2018	2018-January			41	44
Srivastava H., Singhal A.	Design and analysis of optimized water distribution network at BITS Pilani, Pilani Campus	2018	World Congress on Civil, Structural, and Environmental Engineering					
Meel K., Mahala P., Singh S.	Design and Fabrication of Multi Quantum well based GaN/InGaN Blue LED	2018	IOP Conference Series: Materials Science and Engineering	331	1	12008		
Singh P.K., Bhanot S., Mohanta H., Bansal V.	Design and implementation of intelligent control schemes for a pH neutralization process	2018	WSEAS Transactions on Systems and Control	13			248	265
Yashdeep, Biswal G.R., Choudhury T., Islam T., Mukhopadhyay S.C., Vashisht V.	Design and Modeling of MEMS-Based Trace-Level Moisture Measurement System for GIS Applications in Smart Grid Environment	2017	IEEE Sensors Journal	17	23	7962145	7758	7766

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Tantak M.P., Klingler L., Arun V., Kumar A., Sadana R., Kumar D.	Design and synthesis of bis(indolyl)ketohydrazide-hydrazones: Identification of potent and selective novel tubulin inhibitors	2017	European Journal of Medicinal Chemistry	136			184	194
Jain A., Kandpal K.	Design of a high gain, Temperature Compensated Biomedical Instrumentation Amplifier for EEG Applications	2017	Proceedings of 2017 11th International Conference on Intelligent Systems and Control, ISCO 2017			7856001	292	296
Sharma B.P., Mehra R.	Design of CMOS instrumentation amplifier with improved gain & CMRR for low power sensor applications	2017	Proceedings on 2016 2nd International Conference on Next Generation Computing Technologies, NGCT 2016			7877392	72	77
Kumawat V., Jain S., Vashisth V., Mittal N., Jangir B.K.	Design of controlling home appliance remotely using raspberry pi	2017	2017 2nd International Conference for Convergence in Technology, I2CT 2017	2017- January			841	845
Bhimsaria N., Chaturvedi N., Gurunarayanan S.	Design of non-volatile asynchronous circuit using CMOS-FDSOI/FinFET technologies	2017	International Conference on Computing, Analytics and Security Trends, CAST 2016			7915013	462	465
Mahala P., Singh S., Dhanavantri C.	Design optimization of multi quantum well solar cells	2018	Optik	166			61	68
Praveen K., Pudipeddi M., Sivaramakrishna M.	Design, development and analysis of energy harvesting system for wireless pulsating sensors	2017	2016 IEEE Annual India Conference, INDICON 2016			7838931		
Kunjiappan S., Panneerselvam T., Prasad P., Sukumaran S., Somasundaram B., Sankaranarayanan M., Murugan I., Parasuraman P.	Design, graph theoretical analysis and in silico modeling of Dunaliella bardawil biomass encapsulated keratin nanoparticles: A scaffold for effective glucose utilization	2018	Biomedical Materials (Bristol)	13	4	45012		
Kunjiappan S., Panneerselvam T., Somasundaram B., Sankaranarayanan M., Chowdhury R., Chowdhury A., Bhattacharjee C.	Design, in silico modeling, biodistribution study of rutin and quercetin loaded stable human hair keratin nanoparticles intended for anticancer drug delivery	2018	Biomedical Physics and Engineering Express	4	2	25019		

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Puri P., Kumar V., Ananthasubramanian M., Sharma N.N.	Design, simulation and fabrication of MEMS based dielectrophoretic separator for bio-particles	2017	Microsystem Technologies	23	8		3371	3379
Chander S., Wang P., Ashok P., Yang L.-M., Zheng Y.-T., Sankaranarayanan M.	Design, synthesis and anti-HIV-1 RT evaluation of 2-(benzyl(4-chlorophenyl)amino)-1-(piperazin-1-yl)ethanone derivatives	2017	Bioorganic and Medicinal Chemistry Letters	27	1		61	65
Chander S., Ashok P., De Macedo Maira B., Cos P., Cappoen D., Murugesan S.	Design, synthesis and biological evaluation of novel tetrahydroquinoline based propanehydrazides as antitubercular agents	2017	Letters in Drug Design and Discovery	14	3		293	300
Venkataramana Reddy P.O., Mishra S., Tantak M.P., Nikhil K., Sadana R., Shah K., Kumar D.	Design, synthesis and in vitro cytotoxicity studies of novel β -carbolinium bromides	2017	Bioorganic and Medicinal Chemistry Letters	27	6		1379	1384
Taneja P., Manjuladevi V., Gupta K.K., Gupta R.K.	Detection of cadmium ion in aqueous medium by simultaneous measurement of piezoelectric and electrochemical responses	2018	Sensors and Actuators, B: Chemical	268			144	149
Taneja P., Manjuladevi V., Gupta R., Gupta R.K.	Detection of Cadmium Ion in Potable Water Using Quartz Crystal Microbalance	2017	Macromolecular Symposia	376	1	1600207		
Taneja P., Manjuladevi V., Gupta R.K.	Detection of cadmium ion in water using films of nanocomposite of functionalized carbon nanotubes and anionic polymer	2018	AIP Conference Proceedings	1953		30098		
Joshi S., Kumari S., Sarmah A., Pant D.D., Sakhuja R.	Detection of Hg ²⁺ ions in aqueous medium using an indole-based fluorescent probe: Experimental and theoretical investigations	2017	Journal of Molecular Liquids	248			668	677
Remya Devi P.S., Kawadiya S., Verma R., Reddy A.V.R.	Determination of distribution ratios of Zr(IV), Co(II), Sb(V) and Nb(V) using polyaniline in acid solutions	2018	Journal of Radioanalytical and Nuclear Chemistry	317	2		881	889
Choubisa R., Singh K.	Development and validation of a web-delivered positive psychological intervention in an Indian Milieu: Lessons from a limited pilot randomized controlled trial	2018	Cogent Psychology	5	1		1	28
Singh S., Velu G., Raman R.	Development and Validation of Non simultaneous Retinal Image Acquisition-Based Retinal Oximeter	2017	Scientific Reports	7	1	4270		

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Srinivas R., Singh A.P.	Development of a comprehensive fuzzy based approach for evaluating sustainability and self-purifying capacity of river Ganges	2018	ISH Journal of Hydraulic Engineering	24	2		131	139
Singhvi G., Shukla V.K., Ukawala R., Gampa G., Saha R.N.	Development of a new, rapid and sensitive HPTLC method for estimation of Milnacipran in bulk, formulation and compatibility study	2017	Arabian Journal of Chemistry	10			S241 7	S242 3
Garg G.K., Garg S., Sangwan K.S.	Development of an Empirical Model for Optimization of Machining Parameters to Minimize Power Consumption	2018	IOP Conference Series: Materials Science and Engineering	346	1	12078		
Sangwa N.R., Sangwan K.S.	Development of an integrated performance measurement framework for lean organizations	2018	Journal of Manufacturing Technology Management	29	1		41	84
Singhvi G., Kumar V., Ukawala R., Saha R.N.	Development of bioanalytical HPLC method for estimation of milnacipran hydrochloride in rabbit plasma using solid phase extraction technique and its application in pharmacokinetic investigation	2017	Current Pharmaceutical Analysis	13	6		574	580
Raje S.M., Goel A., Sharma S., Aggarwal K., Mantri D., Kumar T.	Development of on board computer for a nanosatellite	2017	Proceedings of the International Astronautical Congress, IAC	18			1177 3	1177 8
Yadav N., Sushil, Bititci U.S.	Development of performance management system incorporating dual perspectives of enterprise and customers'	2018	Measuring Business Excellence	22	3		201	219
Chandran R., Sharma A., Bhomia M., Balakathiresan N.S., Knollmann- Ritschel B.E., Maheshwari R.K.	Differential expression of microRNAs in the brains of mice subjected to increasing grade of mild traumatic brain injury	2017	Brain Injury	31	1		106	119
Maity A., Singh A., Singh N.	Differential stability of DNA based on salt concentration	2017	European Biophysics Journal	46	1		33	40
Bhattacharya S., Mishra I., Vaidya K., Chen W.P.	Disintegration of the Aged Open Cluster Berkeley 17	2017	Astrophysical Journal	847	2	138		
Pareek V., Gupta R., Panwar J.	Do physico-chemical properties of silver nanoparticles decide their interaction with biological media and bactericidal action? A review	2018	Materials Science and Engineering C	90			739	749

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Joseph E., Reddi S., Rinwa V., Balwani G., Saha R.	DoE based Olanzapine loaded poly-caprolactone nanoparticles decreases extrapyramidal effects in rodent model	2018	International Journal of Pharmaceutics	541	43132		198	205
Sehrawat M., Giri A.K.	Does female human capital contribute to economic growth in India?: An empirical investigation	2017	International Journal of Social Economics	44	11		1506	1521
Jain N., Bhargava A., Pareek V., Sayeed Akhtar M., Panwar J.	Does seed size and surface anatomy play role in combating phytotoxicity of nanoparticles?	2017	Ecotoxicology	26	2		238	249
Ikeda M., Sah A.K., Iwase M., Murashige R., Kuwahara S., Habata Y.	Double-armed and tetra-armed cyclen-based cryptands	2017	Supramolecular Chemistry	29	5		370	377
Das P., Ganguly S., Mondal S., Ghorai U.K., Maity P.P., Choudhary S., Gangopadhyay S., Dhara S., Banerjee S., Das N.C.	Dual doped biocompatible multicolor luminescent carbon dots for bio labeling, UV-active marker and fluorescent polymer composite	2018	Luminescence	33	6		1136	1145
Navya Deepthi V., Banerjee C., Saxena S.	Dynamic 2-D pattern-based passive communication in swarm agents	2018	Lecture Notes in Electrical Engineering	443			713	722
Sujith S., Ramesh V.	Dynamic power management of autonomous wind diesel hybrid system using flywheel storage during transition from wind-only mode of operation	2017	International Review of Automatic Control	10	1		78	85
Rajput N.S., Banerjee R., Siwach A., Rajput A.	E-ARP: An efficient, adaptive and robust protocol for effective data communication in VANETs	2017	IEEE Region 10 Annual International Conference, Proceedings/TEN CON	2017-December			1263	1268
Chanda U., Goyal P., Kadadevaramath R.S.	Editorial	2017	International Journal of Business and Systems Research	11	43132		1	5
Mane A.S., Sarkar A.K., Arkatkar S.S., Bhaskar A.	Effect of bus-lane usage by private vehicles on modal shift	2018	Proceedings of the Institution of Civil Engineers: Transport	171	2		85	97
Choudhary K.D., Nayyar A., Dasgupta M.S.	Effect of compression ratio on combustion and emission characteristics of C.I. Engine operated with acetylene in conjunction with diesel fuel	2018	Fuel	214			489	496
Arora N., Sharma N.N.	Effect of Current Variation on Carbon Black to synthesize MWCNTs using pulsed arc Discharge method	2017	Materials Today: Proceedings	4	9		9394	9398

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Upadhyaya R., Tailor S., Shrivastava S., Gladkova A.A., Modi S.C.	Effect of electroless Ni plating on the properties of cold-sprayed Ni–Al ₂ O ₃ coatings	2017	Surface Innovations	5	2		97	105
Singh R.P., Mishra S., Jha P., Raghuvanshi S., Jha P.N.	Effect of inoculation of zinc-resistant bacterium <i>Enterobacter ludwigii</i> CDP-14 on growth, biochemical parameters and zinc uptake in wheat (<i>Triticum aestivum</i> L.) plant	2018	Ecological Engineering	116			163	173
Dutta N., Bhat A.K.	Effect of perceived relational characteristics of online social network on e-WOM and purchase intention: Exploring mediating role of trust	2018	International Journal of Web Based Communities	13	4		499	529
Joshi A., Singhal R.	Effect of reduced ground plane in a vertex-fed hexagonal C-band antenna	2018	Asia-Pacific Microwave Conference Proceedings, APMC				1181	1184
Bharadwaj N., Mathew S., Pani A., Arkatkar S., Joshi G., Ravinder K.	Effect of traffic composition and emergency lane on capacity: a case study of intercity expressway in India	2018	Transportation Letters	10	6		316	332
Mohanty S., Gupta K.K., Raju K.S.	Effect of unitary sample shifted Laplacian and rectangular distributions in bearing fault identifications of induction motor	2017	IET Science, Measurement and Technology	11	4		516	524
Mishra B.K., Shekhawat S.S.	Effect of various parameters of RBC on oxygen concentration in tissues	2017	Journal of Mathematical Control Science and Applications	3	2		107	111
Kumar R., Saboo N., Kumar P., Chandra S.	Effect of warm mix additives on creep and recovery response of conventional and polymer modified asphalt binders	2017	Construction and Building Materials	138			352	362
Mazumdar S., Italiya K.S., Sharma S., Chitkara D., Mittal A.	Effective cellular internalization, cell cycle arrest and improved pharmacokinetics of Tamoxifen by cholesterol based lipopolymeric nanoparticles	2018	International Journal of Pharmaceutics	543	43132		96	106
Vikram D., Saboo N.	Effective technique to estimate Cross model parameters	2017	Journal of Materials in Civil Engineering	29	11	4017203		
Sharma S., Sarkar B.R.	Efficient Mizoroki–Heck coupling reactions using phosphine-modified Pd(II)–picolinate complex	2018	Synthetic Communications	48	8		906	914
Kaur G., Pande B., Bhardwaj A., Bhagat G., Gupta S.	Efficient yet Robust Elimination of XSS Attack Vectors from HTML5 Web Applications Hosted on OSN-Based Cloud Platforms	2018	Procedia Computer Science	125			669	675

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Bansal R.C.	Electric vehicles	2017	Handbook of Automotive Power Electronics and Motor Drives				55	96
Sabat D., Millan S., Sethy P.S., Marathe S., Sahoo H., Mishra M.	Elemental analysis of various feathers of Indian rose ringed parakeet <i>Psittacula krameri</i>	2017	Springer Proceedings in Physics	186			33	40
Choudhary A., Das B., Ray S.	Encapsulated Schiff base nickel complex in zeolite Y: Correlation between catalytic activities and extent of distortion supported by experimental and DFT studies	2017	Inorganica Chimica Acta	462			256	265
Purohit N., Gupta D.K., Dasgupta M.S.	Energetic and economic analysis of trans-critical CO ₂ booster system for refrigeration in warm climatic condition [Analyse énergétique et économique d'un système de surpression de CO ₂ transcritique pour produire du froid dans les climats chauds]	2017	International Journal of Refrigeration	80			182	196
Gullo P., Purohit N., Dasgupta M.S., Hafner A.	Energetic and environmental performance evaluation of AR744 multi-ejector enhanced parallel compression system in high ambient temperature locations	2018	Refrigeration Science and Technology	2018-April			385	392
Choudhary K.D., Dasgupta M.S., Sunder S.	Energetic and exergetic investigation of a modified dual temperature transcritical refrigeration cycle with two cascade ejectors	2018	Refrigeration Science and Technology	2018-April			500	507
Choudhary K.D., Dasgupta M.S., Sunder S.	Energetic and Exergetic Investigation of a N ₂ O Ejector Expansion Transcritical Refrigeration Cycle	2017	Energy Procedia	109			122	129
Sainath B., K. S.P., Gupta N.	Energy efficient and delay-constrained sleep period optimization for green radio communication	2018	Physical Communication	30			26	32
Digalwar M., Gahukar P., Raveendran B.K., Mohan S.	Energy efficient real-time scheduling algorithm for mixed task set on multi-core processors	2017	International Journal of Embedded Systems	9	6		523	534
Sainath B., Santosh A., Jagadeesh K.	Energy harvesting relay outage probability analysis of cooperative communication system over small and large scale fading channels	2017	2017 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017	2017-January			590	594
Sheth P.N., Gupta S., Kumar S.	Energy integration in process plants	2017	Sustainable Utilization of Natural Resources				513	537

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Aggarwal S., Jindal A., Chaudhary R., Dua A., Aujla G.S., Kumar N.	EnergyChain: Enabling energy trading for smart homes using blockchains in smart grid ecosystem	2018	Proceedings of the 1st ACM MobiHoc Workshop on Networking and Cybersecurity for Smart Cities, SmartCitiesSecurity 2018					
Ralegaonkar R.V., Gavali H.R., Sakhare V.V., Puppala A.J., Aswath P.B.	Energy-efficient slum house using alternative materials	2017	Proceedings of Institution of Civil Engineers: Energy	170	3		93	102
Mazumder S., Dewangan A.K., Pavurala N.	Enhanced dissolution of poorly soluble antiviral drugs from nanoparticles of cellulose acetate based solid dispersion matrices	2017	Asian Journal of Pharmaceutical Sciences	12	6		532	541
Pradhan S.K., Panwar J., Gupta S.	Enhanced heavy metal removal using silver-yttrium oxide nanocomposites as novel adsorbent system	2017	Journal of Environmental Chemical Engineering	5	6		5801	5814
Raghav P., Dua A.	Enhancing flow security in Ryu controller through set operations	2018	2017 3rd IEEE International Conference on Computer and Communications, ICCCC 2017	2018-January			1265	1269
Inampudi S.T., Marthi B., Sahoo S.	Entropy generation in water-based natural circulation loop	2018	Journal of Heat Transfer	140	9	92501		
Sangwan K.S., Choudhary K., Batra C.	Environmental impact assessment of a ceramic tile supply chain—a case study	2018	International Journal of Sustainable Engineering	11	3		211	216
Malvia S., Bagadi S.A., Dubey U.S., Saxena S.	Epidemiology of breast cancer in Indian women	2017	Asia-Pacific Journal of Clinical Oncology	13	4		289	295
Mohammed Hussain K., Venkata Subramanian D., Thangakumar J., Pradeep Kumar K.	ERP: Framework based implementation - A case study	2018	International Journal of Engineering and Technology(UAE)	7	1		45	49
Chotia V., Muralidhar Rao N.V.	Estimating the determinants of public private partnerships in infrastructure: The case of India	2018	International Journal of Critical Infrastructures	14	3		248	267
Saxena M., Chotia V., Rao N.V.M.	Estimating the Efficiency of Public Infrastructure Investment: A State-wise Analysis	2018	Global Business Review	19	4		1037	1049
Sinha A., Chotia V.	Estimating the public efficiency of India: A state wise Analysis	2017	International Journal of Public Sector Performance Management	3	3		266	278

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Kumar S., Singh P., Singh P., Shekhar C.	Estimation of scattering and intrinsic attenuation based on multiple lapse time window analysis in Sikkim Himalayan region, India	2018	Physics of the Earth and Planetary Interiors	284			1	9
Dhorajia A.M.	Euler class group of certain overrings of a polynomial ring	2017	Journal of Commutative Algebra	9	3		341	365
Sharma R., May J., Alobaid F., Ohlemüller P., Ströhle J., Epple B.	Euler-Euler CFD simulation of the fuel reactor of a 1 MWth chemical-looping pilot plant: Influence of the drag models and specularly coefficient	2017	Fuel	200			435	446
Singh S., Dasgupta M.S.	Evaluating Applicability of a Scroll Expander for CO ₂ Refrigeration System at Warm Climate	2017	International Journal of Air-Conditioning and Refrigeration	25	2	1750012		
Gupta S., Gupta P.	Evaluating maintenance budget for an AC plant under its contextual conditions	2017	Journal of Facilities Management	15	1		76	89
Choudhary K., Soherwordi S.A., Singh Y., Sangwan K.S.	Evaluation and comparison of environmental performance for shackle insulators – a case study	2018	Management of Environmental Quality: An International Journal					
Sengupta P., Raman S., Chowdhury R., Lohitesh K., Saini H., Mukherjee S., Paul A.	Evaluation of apoptosis and autophagy inducing potential of berberis aristata, Azadirachta indica, and their synergistic combinations in parental and resistant human osteosarcoma cells	2017	Frontiers in Oncology	7	DEC	296		
Singh M., Srivastava A., Bhunia D.	Evaluation of marble slurry incorporated concrete using nondestructive methods	2017	Materials Today: Proceedings	4	9		9842	9845
Das D., Pathak V., Yadav A.S., Upadhyaya R.	Evaluation of performance, emission and combustion characteristics of diesel engine fueled with castor biodiesel	2017	Biofuels	8	2		225	233
Saha P., Sarkar A.K., Pal M.	Evaluation of speed–flow characteristics on two-lane highways with mixed traffic	2017	Transport	32	4		331	339
Trivedi R., Bandyopadhyay D.	Evolution of electronic and vibrational properties of M@X _n (M = Ag, Au, X = Ge, Si, n = 10, 12, 14) clusters: a density functional modeling	2018	Journal of Materials Science	53	11		8263	8273
Chotia V., Rao N.V.M.	Examining the impact of public investment and private investment on economic growth: Empirical evidence from BRICS nations	2017	International Journal of Economics and Business Research	14	2		128	137
Ojha A.K., Kumar A.V.P.	Excitation of Higher Order Modes of Cylindrical Dielectric Resonator Antenna using Dual-slot feed	2018	IOP Conference Series: Materials Science and Engineering	331	1	12012		

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Jakhar S., Soni M.S., Gakkhar N.	Exergy analysis of a photovoltaic thermal system with earth water heat exchanger cooling system based on experimental data	2017	International Journal of Exergy	23	4		367	387
Cheruvu P., Kumar V.P., Barshilia H.C.	Experimental analysis and evaluation of a vacuum enclosed concentrated solar thermoelectric generator coupled with a spectrally selective absorber coating	2018	International Journal of Sustainable Energy	37	8		782	798
Jakhar S., Soni M.S.	Experimental and theoretical analysis of glazed tube-and-sheet photovoltaic/thermal system with earth water heat exchanger cooling	2017	Energy Conversion and Management	153			576	588
Purohit N., Gupta D.K., Dasgupta M.S.	Experimental investigation of a CO ₂ trans-critical cycle with IHX for chiller application and its energetic and exergetic evaluation in warm climate	2018	Applied Thermal Engineering	136			617	632
Sharma V., Pandey P.M.	Experimental investigations and statistical modeling of surface roughness during ultrasonic-assisted turning with self-lubricating cutting inserts	2017	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					
Sadhu S., Ramgopal M., Bhattacharyya S.	Experimental studies on an air-cooled natural circulation loop based on supercritical carbon dioxide – Part A: Steady state operation	2018	Applied Thermal Engineering	133			809	818
Sadhu S., Ramgopal M., Bhattacharyya S.	Experimental studies on an air-cooled natural circulation loop based on supercritical carbon dioxide – Part B: Transient operation	2018	Applied Thermal Engineering	133			819	827
Varghese P., Nain S., Rathore J.S., Sharma N.N.	Experimental study on helical propulsion system of artificial nanoswimmer: Low Reynolds number	2017	2017 IEEE 17th International Conference on Nanotechnology, NANO 2017			8117279	651	656
Chaudhary C., Goyal P., Chen Y.-P.P.	Exploiting visual and textual neighborhood information to improve image-tag relevance	2018	Proceedings - 2017 IEEE International Conference on Big Data, Big Data 2017	2018-January			566	575
Gupta N., Rohil M.K.	Exploring possible applications of augmented reality in education	2017	2017 4th International Conference on Signal Processing and Integrated Networks, SPIN 2017			8049989	437	441

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Singh S., Powar S., Mahala P., Majee S., Eshwar T., Kumar A., Akhtar J.	Fabrication and characterization of graphene based silicon Schottky solar cell	2018	Superlattices and Microstructures	120			637	641
Harit A., Joshi J.C., Gupta K.K.	Facial Emotions Recognition using Gabor Transform and Facial Animation Parameters with Neural Networks	2018	IOP Conference Series: Materials Science and Engineering	331	1	12013		
Tiwari P., Bhat A.K., Tikoria J.	Factors affecting individual's intention to become a social entrepreneur	2018	Social Entrepreneurship and Sustainable Business Models: The Case of India				59	98
Merchant P., Kumar A., Mallik D.	Factors Influencing Family Business Continuity in Indian Small and Medium Enterprises (SMEs)	2018	Journal of Family and Economic Issues	39	2		177	190
Sharma S., Kourav A.K., Tiwari V.	Fast fractal image compression by kicking out similar domain images	2018	Handbook of Research on Pattern Engineering System Development for Big Data Analytics				318	331
Gautam A., Jha B., Kumar G., Murthy J.K., Ram S.A., Mohan S.	FAST: Synchronous Frontier Allocation for Scalable Online Multi-Robot Terrain Coverage	2017	Journal of Intelligent and Robotic Systems: Theory and Applications	87	43193		545	564
Maheshwari V., Bhatia A., Kumar K.	Faster detection and prediction of DDoS attacks using MapReduce and time series analysis	2018	International Conference on Information Networking	2018-January			556	561
Sengottuvel S., Sharma A., Biswal D., Khan P.F., Swain P.P., Patel R., Gireesan K.	Feasibility study on measurement of magnetocardiography (MCG) using fluxgate magnetometer	2018	AIP Conference Proceedings	1942		60018		
Oza M.J., Garud M.S., Gaikwad A.B., Kulkarni Y.A.	Fibromyalgia Syndrome: Role of Obesity and Nutrients	2017	Nutrition and Functional Foods for Healthy Aging				53	63
Sehrawat M., Giri A.K.	Financial Structure, Interest Rate, Trade Openness and Growth: Time Series Analysis of Indian Economy	2017	Global Business Review	18	5		1278	1290
Gupta T., Kumar M.	Flexural response of skew-curved concrete box-girder bridges	2018	Engineering Structures	163			358	372
Mishra T., Pallaprolu A., Guha Sarkar T., Bandyopadhyay J.N.	Floquet topological phase transitions in a kicked Haldane-Chern insulator	2018	Physical Review B	97	8	85405		

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Karthick R.A., Jangir K., Chattopadhyay P.	Foaming and cleaning performance comparison of liquid detergent formulations using mixtures of anionic and nonionic surfactants	2018	Tenside, Surfactants, Detergents	55	2		162	168
Kumar Sharma S., Singh R., Matai R.	Force field analysis of Indian automotive strategic sourcing risk management enablers and barriers	2018	Measuring Business Excellence	22	3		258	275
Badlani R., Shah A., Elizalde B., Kumar A., Raj B.	Framework for evaluation of sound event detection in web videos	2018	ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings	2018-April		8462659	3096	3100
Choudhary S., Pandey K., Budania S., Kumar A.	Functionalized ionic liquid-assisted chromatography-free synthesis of bis(indolyl)methanes	2017	Molecular Diversity	21	1		155	162
Patil R.H., Kalam Khan F.A., Jadhav K., Damale M., Akber Ansari S., Alkahtani H.M., Ali Khan A., Shinde S.D., Patil R., Sangshetti J.N.	Fungal biofilm inhibition by piperazine-sulphonamide linked Schiff bases: Design, synthesis, and biological evaluation	2018	Archiv der Pharmazie	351	43193	1700354		
Kothiyari A., Singh S.P., Kaur H.	Fuzzy Modeling for Low-Carbon Dynamic Procurement Problem	2017	International Journal of Fuzzy Systems	19	4		1238	1248
Sharma S., Dua A., Singh M., Kumar N., Prakash S.	Fuzzy rough set based energy management system for self-sustainable smart city	2018	Renewable and Sustainable Energy Reviews	82			3633	3644
Bhargava R., Goel G., Shah A., Sharma Y.	Gender identification in Russian texts	2017	CEUR Workshop Proceedings	2036			13	16
Sudha D., Patric I.R.P., Ganapathy A., Agarwal S., Krishna S., Neriyani S., Sripriya S., Sen P., Chidambaram S., Arunachalam J.P.	Genetic studies in a patient with X-linked retinoschisis coexisting with developmental delay and sensorineural hearing loss	2017	Ophthalmic Genetics	38	3		260	266
Akhtar M.S., Swamy M.K., Alaraidh I.A., Panwar J.	Genomic data resources and data mining	2017	Plant Bioinformatics: Decoding the Phyta				267	278
Sen T., Pragallapati N., Agarwal V., Kumar R.	Global maximum power point tracking of PV arrays under partial shading conditions using a modified particle velocity-based PSO technique	2018	IET Renewable Power Generation	12	5		555	564

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Sehrawat M., Giri A.K.	Globalization, role of institutions and economic performance in Indian economy: Empirical evidence	2018	Journal of Financial Economic Policy					
Purwar A., Joshi D., Chaubey V.K.	GPS signal jamming and anti-jamming strategy - A theoretical analysis	2017	2016 IEEE Annual India Conference, INDICON 2016			783893 3		
Bhakar P., Singh A.P.	Groundwater Quality Assessment in a Hyper-arid Region of Rajasthan, India	2018	Natural Resources Research					
Shaikh I., Sharma S.K., Bhat A.K.	Guest editorial	2017	Journal of Modelling in Management	12	4		578	582
Abe D.K., Whaley D.R., Feng J., Jelonnek J., Kumar L.	Guest Editorial Special Issue on Vacuum Electronics	2018	IEEE Transactions on Electron Devices	65	6		2058	2060
Kumar V., Asati A., Gupta A.	Hardware Accelerators for Iris Localization	2018	Journal of Signal Processing Systems	90	4		655	671
Kumar V., Asati A., Gupta A.	Hardware implementation of a novel edge-map generation technique for pupil detection in NIR images	2017	Engineering Science and Technology, an International Journal	20	2		694	704
Nain S., Rathore J.S., Sharma N.N.	Harness enough energy for locomotion of an artificial nanoswimmer: Design and simulation	2018	AIP Conference Proceedings	1989		20032		
Brijmohan A.S., Batchu S.N., Majumder S., Alghamdi T.A., Thieme K., McGaugh S., Liu Y., Advani S.L., Bowskill B.B., Kabir M.G., Geldenhuys L., Siddiqi F.S., Advani A.	HDAC6 inhibition promotes transcription factor EB activation and is protective in experimental kidney disease	2018	Frontiers in Pharmacology	9	FEB	34		
Purohit N., Jakhar S., Gullo P., Dasgupta M.S.	Heat transfer and entropy generation analysis of alumina/water nanofluid in a flat plate PV/T collector under equal pumping power comparison criterion	2018	Renewable Energy	120			14	22
Dubey S.K., Singhvi G., Krishna K.V., Agnihotri T., Saha R.N., Gupta G.	Herbal Medicines in Neurodegenerative Disorders: An Evolutionary Approach through Novel Drug Delivery System	2018	Journal of environmental pathology, toxicology and oncology : official organ of the International Society for Environmental Toxicology and Cancer	37	3		199	208

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Sharma S., Taliyan R.	High fat diet feeding induced insulin resistance exacerbates 6-OHDA mediated neurotoxicity and behavioral abnormalities in rats	2018	Behavioural Brain Research	351			17	23
Vinita K., Sripriya S., Philomenadin F.M.S., Vaitheeswaran K., Raman R., Sharma T.	High order interaction analysis of SNPs in PEDF (rs12150053, rs12948385) and EPO (rs1617640) genes with clinical determinants of type 2 diabetic retinopathy patients from south India	2017	Meta Gene	13			92	98
Upadhyaya R., Tailor S., Shrivastava S., Modi S.C.	High performance thermal-sprayed WC-10Co-4Cr coatings in narrow and complex areas	2018	Surface Engineering	34	5		412	421
Acharya S., Gupta R.K., Ghosh J., Bysakh S., Ghosh K.S., Mondal D.K., Mukhopadhyay A.K.	High strain rate dynamic compressive behaviour of Al6061-T6 alloys	2017	Materials Characterization	127			185	197
Srivastava A.M., Bagchi P., Das A., Layek B.	High-density QCD phase transitions inside neutron stars: Glitches and gravitational waves	2017	Pramana - Journal of Physics	89	4	68		
Gupta N., Haldiya V.	High-k gate dielectric selection for germanium based CMOS devices	2018	International Journal of Nanoelectronics and Materials	11	2		119	126
Mohanty S., Gupta K.K., Raju K.S.	Hurst based vibro-acoustic feature extraction of bearing using EMD and VMD	2018	Measurement: Journal of the International Measurement Confederation	117			200	220
Singh S.B., Chawla H., B. R.	Hybrid effect of functionally graded hybrid composites of glass-carbon fibers	2018	Mechanics of Advanced Materials and Structures				1	14
Kumar A.V.P., Burt G.	Hybrid electromagnetic modes - Structures and characteristics	2018	Applied Electromagnetics Conference, AEMC 2017	2018-January			1	2
Sarma A., Bhutani A., Goel L.	Hybridization of moth flame optimization and gravitational search algorithm and its application to detection of food quality	2018	2017 Intelligent Systems Conference, IntelliSys 2017	2018-January			52	60
Yadav P.K., Tiwari A., Singh P.	Hydrodynamic permeability of a membrane built up by spheroidal particles covered by porous layer	2018	Acta Mechanica	229	4		1869	1892
Goyal T., Batta K., Baranwal P., Awais A.N.A., More N., Panigrahi R., Kaushik T.	IAC-17.B4.9-GTS.5.8: Design and development of a three-axis controlled helmholtz cage as an in-house magnetic field simulator for cubesats	2017	Proceedings of the International Astronautical Congress, IAC	10			6434	6439

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Tikoria J., Agariya A.K.	ICT enabled classroom effectiveness scale development and validation: A case of multi-campus university	2017	Knowledge Management and E-Learning	9	1		111	127
Gupta N., Rohil M.K.	Image feature detection using an improved implementation of maximally stable extremal regions for augmented reality applications	2018	International Journal of Image and Data Fusion	9	1		43	62
Dandautiya R., Singh A.P., Kundu S.	Impact assessment of fly ash on ground water quality: An experimental study using batch leaching tests	2018	Waste Management and Research	36	7		624	634
Srinivas R., Singh A.P.	Impact assessment of industrial wastewater discharge in a river basin using interval-valued fuzzy group decision-making and spatial approach	2018	Environment, Development and Sustainability	20	5		2373	2397
Gyanan, Mondal S., Kumar A.	Impact of time-dependent annealing on TiO ₂ films for CMOS application	2017	AIP Conference Proceedings	1832		80075		
Telang S., Rout B.K., Pande A.	Implementation of cascade classifier technique for gesture control of an ABB industrial manipulator	2018	Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018				748	753
Belgamwar S.U., Sharma N.N.	Improvisation of mechanical and electrical properties of Cu by reinforcing MWCNT using modified electro-co-deposition process	2018	IOP Conference Series: Materials Science and Engineering	346	1	12055		
Ali H., Prasad Verma P.R., Dubey S.K., Venkatesan J., Seo Y., Kim S.-K., Singh S.K.	In vitro - In vivo and pharmacokinetic evaluation of solid lipid nanoparticles of furosemide using Gastroplus™	2017	RSC Advances	7	53		3331 4	3332 6
Gella L., Raman R., Pal S.S., Ganesan S., Sharma T.	Incidence, Progression, and Associated Risk Factors of Posterior Vitreous Detachment in Type 2 Diabetes Mellitus: Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetic Study (SN-DREAMS II, Report No. 7)	2017	Seminars in Ophthalmology	32	2		191	197
Rajput A.S.D.	India's Ph.D. scholar outreach requirement	2018	Science	359	6382		1343	
Kapur S., Gupta S.	Indigenous rapid diagnostic technology for antibiotic susceptibility testing in urinary tract infection: From bench side to bedside	2017	BMJ Innovations	3	1		7	11

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Maji S., Alam P., Kumar G.S., Biswas S., Sarkar P.K., Das B., Rehman I., Das B.B., Jana N.R., Laskar I.R., Acharya S.	Induced Aggregation of AIE-Active Mono-Cyclometalated Ir(III) Complex into Supramolecular Branched Wires for Light-Emitting Diodes	2017	Small	13	15	1603780		
Jain V., Kishore P., Kumar R.A., Pani A.K.	Inferential sensing of output quality in petroleum refinery using principal component regression and support vector regression	2017	Proceedings - 7th IEEE International Advanced Computing Conference, IACC 2017			7976835	461	465
Ravikumar K., Agilan S., Muthukumarasamy N., Raja M., Lakshmanan R., Ganesh R.	Influence of Annealing Temperature on Structural and dc Electrical Properties of SnO ₂ Thin Films for Schottky Barrier Diodes	2018	Silicon	10	4		1591	1599
Mahima S., Moorthi P.V.P., Bahurudeen A., Gopinath A.	Influence of chloride threshold value in service life prediction of reinforced concrete structures	2018	Sadhana - Academy Proceedings in Engineering Sciences	43	7	115		
Gupta T., Kumar M.	Influence of Distributed Dead Loads on Vehicle Position for Maximum Moment in Simply Supported Bridges	2017	Journal of The Institution of Engineers (India): Series A	98	43132		201	210
Shukla T., Kanna C.	Information technology in relation to human resource management: An impact evaluation study on Indian banking sector	2017	International Journal of Human Resources Development and Management	17	43193		266	281
Chotia V., Rao N.V.M.	Infrastructure financing and economic growth in India: an empirical investigation	2018	Journal of Financial Management of Property and Construction					
Triedi R.K., Bandyopadhyay D.	Insights of the role of shell closing model and NICS in the stability of NbGen (n = 7–18) clusters: a first-principles investigation	2018	Journal of Materials Science					
Basu M.	In-situ developed carbon spheres function as promising support for enhanced activity of cobalt oxide in oxygen evolution reaction	2018	Journal of Colloid and Interface Science	530			264	273
Agrawal V., Nair H.	Institutionalising social audits in Meghalaya	2018	Economic and Political Weekly	53	33		17	19
Mallikarjuna K., Hema Chandra Reddy K., Govinda Rao N., Veeranna V.	Integrated Scheduling of Ladder layout design in Flexible Manufacturing System using Non-Traditional optimization techniques	2017	Materials Today: Proceedings	4	8		8069	8078

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Purohit N., Sharma V., Sawalha S., Fricke B., Llopis R., Dasgupta M.S.	Integrated supermarket refrigeration for very high ambient temperature	2018	Energy	165			572	590
Samaiya D., Gupta K.K.	Intelligent video surveillance for real time energy savings in smart buildings using HEVC compressed domain features	2018	Multimedia Tools and Applications	77	21		2905 9	2907 6
Anurag A., Bansal H.O.	Internal Fall Protection Mechanism in Non-Compliant Humanoid Robot	2017	Energy Procedia	117			157	162
Chotia V., Rao N.V.M.	Investigating the interlinkages between infrastructure development, poverty and rural–urban income inequality: Evidence from BRICS nations	2017	Studies in Economics and Finance	34	4		466	484
Sarkar S., Reiss J., Brandtsegg O.	Investigation of a drum controlled cross-adaptive audio effect for live performance	2017	DAFx 2017 - Proceedings of the 20th International Conference on Digital Audio Effects				110	117
Krishna V.S.R., Tiwari V., Chaubey V.K.	Investigation of optimum fiber types for high speed RZ-DQPSK transmission systems	2017	2015 Workshop on Recent Advances in Photonics, WRAP 2015			780598 2		
Arun Karthick R., Ramya Devi D., Vedha Hari B.N.	Investigation of sustained release mucoadhesive in-situ gel system of Secnidazole for the persistent treatment of vaginal infections	2018	Journal of Drug Delivery Science and Technology	43			362	368
Kenno S.Y., Sahu P.K., Mehran B., Sharma S.	Investigation of the factors affecting the consistency of short-period traffic counts	2017	Journal of Modern Transportation	25	3		150	162
Mishra S., Pahari S., Siva K., Mohanty S., Gupta S., Raghuvanshi S.	Investigation on CO ₂ bio-mitigation using Halomonas stevensii in laboratory scale bioreactor: Design of downstream process and its economic feasibility analysis	2018	Journal of CO ₂ Utilization	24			274	286
Reddy B.P.K., Teja K.B.R., Kandpal K.	Investigation on High- κ Dielectric for Low Leakage AlGaIn/GaN MIS-HEMT Device, Using Material Selection Methodologies	2018	Semiconductors	52	4		420	430
Joseph E., Saha R.N.	Investigations on pharmacokinetics and biodistribution of polymeric and solid lipid nanoparticulate systems of atypical antipsychotic drug: effect of material used and surface modification	2017	Drug Development and Industrial Pharmacy	43	4		678	686

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Sharma C.K., Sharma M., Prasad K.	Involvement of different genes expressions during immunological and inflammatory responses in vitiligo	2017	Critical Reviews in Eukaryotic Gene Expression	27	3		277	287
Vijaya L., Asokan R., Panday M., George R.	Is prophylactic laser peripheral iridotomy for primary angle closure suspects a risk factor for cataract progression? the Chennai Eye Disease Incidence Study	2017	British Journal of Ophthalmology	101	5		665	670
Sangwan K.S.	Key Activities, Decision Variables and Performance Indicators of Reverse Logistics	2017	Procedia CIRP	61			257	262
Digalwar M., Raveendran B.K., Mohan S.	LAMCS: A leakage aware DVFS based mixed task set scheduler for multi-core processors	2017	Sustainable Computing: Informatics and Systems	15			63	81
Choudhary K., Kumar J., Taneja P., Gupta R.K., Manjuladevi V.	Langmuir–Blodgett films of stearic acid deposited on substrates at different orientations relative to compression direction: alignment layer for nematic liquid crystal	2017	Liquid Crystals	44	10		1592	1599
Chamola V., Tham C.-K., Chalapathi G.S.S.	Latency aware mobile task assignment and load balancing for edge cloudlets	2017	2017 IEEE International Conference on Pervasive Computing and Communications Workshops, PerCom Workshops 2017			7917628	587	592
Sangwa N.R., Sangwan K.S.	Leanness assessment of organizational performance: a systematic literature review	2018	Journal of Manufacturing Technology Management	29	5		768	788
Sangwan K.S., Bhakar V.	Life cycle analysis of HDPE Pipe Manufacturing - A Case Study from an Indian Industry	2017	Procedia CIRP	61			738	743
Singh S.B., Gupta T.	Linear response of pre-stressed concrete skewed box beam bridge girder using CFRP tendons	2017	Journal of Structural Engineering (India)	44	2		191	198
Chaudhary C., Goyal P., Ruben Antony Moniz J., Goyal N., Chen Y.-P.P.	Linguistic patterns and cross modality-based image retrieval for complex queries	2018	ICMR 2018 - Proceedings of the 2018 ACM International Conference on Multimedia Retrieval				257	265
Gupta V.	Link changes with change in demand in flow distribution networks	2017	Proceedings - 2016 15th International Conference on Information Technology, ICIT 2016			7966817	99	103

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Pittala S., Sastry V.G., Krishna R.V., Dubey S.K., Singhvi G.	Liquid chromatographic estimation of leuprolide acetate in bulk and microsphere formulation	2018	Asian Journal of Chemistry	30	6		1349	1353
Singh M., Lamba P., Srivastava A., Bhunia D.	Long Term Effect of Partially Replacing Cement by Waste Marble Slurry in Concrete	2017	Congress on Technical Advancement 2017: Construction and Forensic Engineering - Papers from Sessions of the 1st Congress on Technical Advancement				65	76
Singh B., Ghosh S., Aich S., Roy B.	Low temperature solid oxide electrolytes (LT-SOE): A review	2017	Journal of Power Sources	339			103	135
Joshi A., Singhal R.	Lower mode excitation in vertex-fed slotted hexagonal S-band antenna	2018	AEU - International Journal of Electronics and Communications	87			180	185
Kumar V., Asati A., Gupta A.	Low-latency median filter core for hardware implementation of 5×5 median filtering	2017	IET Image Processing	11	10		927	934
Kumar A., Pandey A., Kaushik S.	Machine Learning Methods for Solving Complex Ranking and Sorting Issues in Human Resourcing	2017	Proceedings - 7th IEEE International Advanced Computing Conference, IACC 2017			7976758	43	47
Gupta G., Mishra R.P., Shah H.	MCDM analysis for maintenance strategy selection	2017	Proceedings of the International Conference on Industrial Engineering and Operations Management				1395	
Sangwan K.S., Bhakar V., Arora V., Solanki P.	Measuring Carbon Footprint of an Indian University Using Life Cycle Assessment	2018	Procedia CIRP	69			475	480
Sunil Kumar C.V., Routroy S.	Measuring interdependencies of preferred supplier enablers	2018	Benchmarking	25	7		2344	2369
Goyal S., Routroy S., Shah H.	Measuring the environmental sustainability of supply chain for Indian steel industry: A graph theoretic approach	2018	Business Process Management Journal	24	2		517	536
Kumar V., Asati A., Gupta A.	Memory-efficient architecture of circle Hough transform and its FPGA implementation for iris localisation	2018	IET Image Processing	12	10		1753	1761
Moorthi P.V.P., Singh S.B.	Mesoscale modelling of concrete: Need of including rheological parameters	2017	Proceedings of the Indian National Science Academy	83	1		37	49

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Shanmugam B.K., Easwaran S.N., Lakra R., Deepa P.R., Mahadevan S.	Metabolic pathway and role of individual species in the bacterial consortium for biodegradation of azo dye: A biocalorimetric investigation	2017	Chemosphere	188			81	89
Khandagale S.B., Pilania M., Arun V., Kumar D.	Metal-catalyzed direct heteroarylation of C-H (: Meso) bonds in porphyrins: Facile synthesis and photophysical properties of novel meso -heteroaromatic appended porphyrins	2018	Organic and Biomolecular Chemistry	16	12		2097	2104
Mehra M.K., Tantak M.P., Arun V., Kumar I., Kumar D.	Metal-free regioselective formation of C-N and C-O bonds with the utilization of diaryliodonium salts in water: Facile synthesis of: N-Arylquinolones and aryloxyquinolines	2017	Organic and Biomolecular Chemistry	15	23		4956	4961
Sinha Y., Vashishth S., Haribabu K.	Meticulous measurement of control packets in SDN	2017	SOSR 2017 - Proceedings of the 2017 Symposium on SDN Research				187	188
Mishra A., Sharma B.K.	MHD Mixed Convection Flow in a Rotating Channel in the Presence of an Inclined Magnetic Field with the Hall Effect	2017	Journal of Engineering Physics and Thermophysics	90	6		1488	1499
Upadhyaya R., Shrivastava S., Modi S.C., Modi A.	Micro structure and Characterization of Hydroxyapatite coating (HAP) by Rod Flame Spray Process	2017	Proceedings of the International Thermal Spray Conference	2			888	893
Singhvi G., Girdhar V., Patil S., Gupta G., Hansbro P.M., Dua K.	Microbiome as therapeutics in vesicular delivery	2018	Biomedicine and Pharmacotherapy	104			738	741
Patra A., Tushar J., Dubey B.	Modeling and simulation of a wetland park: An application to Keoladeo National Park, India	2017	Mathematics and Computers in Simulation	134			54	78
Choksi N., Sewake D., Sinha S., Mukhiya R., Sharma R.	Modeling and simulation of ion-sensitive field-effect transistor using TCAD methodology	2017	2017 1st International Conference on Electronics, Materials Engineering and Nano-Technology, IEMENTech 2017			8076935		
Shirke C., Sumanth N., Arkatkar S., Bhaskar A., Joshi G.	Modeling expressway lane utilization and lane choice behaviour: a case study on Delhi-Gurgaon Expressway	2017	Transportation Letters				1	14
Santharam L., Samuthirapandi A.B., Easwaran S.N., Mahadevan S.	Modeling of exo-inulinase biosynthesis by Kluyveromyces marxianus in fed-batch mode: correlating production kinetics and metabolic heat fluxes	2017	Applied Microbiology and Biotechnology	101	5		1877	1887

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Goyal P., Kumar D.	Modeling the CSR barriers in manufacturing industries	2017	Benchmarking	24	7		1871	1890
Jakhar S., Soni M.S., Gakkhar N.	Modelling and Simulation of Concentrating Photovoltaic System with Earth Water Heat Exchanger Cooling	2017	Energy Procedia	109			78	85
Pandey R., Kumar A.	Modelling persistence in conditional volatility of asset Returns	2017	Afro-Asian Journal of Finance and Accounting	7	1		16	34
Sharma S.K., George S.A.	Modelling resilience of truckload transportation industry	2018	Benchmarking	25	7		2531	2545
Pani A., Sahu P.K., Patil G.R., Sarkar A.K.	Modelling urban freight generation: A case study of seven cities in Kerala, India	2018	Transport Policy	69			49	64
Malik N., Shrivastava S., Ghosh S.B.	Moisture Absorption Behaviour of Biopolymer Polycaprolactone (PCL) / Organo Modified Montmorillonite Clay (OMMT) biocomposite films	2018	IOP Conference Series: Materials Science and Engineering	346	1	12027		
Chander S., Pandey R.K., Penta A., Choudhary B.S., Sharma M., Malik R., Prajapati V.K., Murugesan S.	Molecular docking and molecular dynamics simulation based approach to explore the dual inhibitor against HIV-1 reverse transcriptase and integrase	2017	Combinatorial Chemistry and High Throughput Screening	20	8		734	746
Jindal A., Mahesh R., Bhatt S., Pandey D.	Molecular modifications by regulating cAMP signaling and oxidant-antioxidant defence mechanisms, produce antidepressant-like effect: A possible mechanism of etazolate aftermaths of impact accelerated traumatic brain injury in rat model	2017	Neurochemistry International	111			3	11
Bhattacharya S., Mahulkar V., Pandaokar S., Singh P.K.	Morphology of open clusters NGC 1857 and Czernik 20 using clustering algorithms	2017	Astronomy and Computing	18			1	7
Sinha Y., Bhatia S., Shekhawat V.S., Chalapathi G.S.S.	MPLS based hybridization in SDN	2017	2017 4th International Conference on Software Defined Systems, SDS 2017			7939157	156	161
Dua K., Rapalli V.K., Shukla S.D., Singhvi G., Shastri M.D., Chellappan D.K., Satija S., Mehta M., Gulati M., Pinto T.D.J.A., Gupta G., Hansbro P.M.	Multi-drug resistant Mycobacterium tuberculosis & oxidative stress complexity: Emerging need for novel drug delivery approaches	2018	Biomedicine and Pharmacotherapy	107			1218	1229

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Jindal A., Sangwan K.S.	Multi-objective fuzzy mathematical modelling of closed-loop supply chain considering economical and environmental factors	2017	Annals of Operations Research	257	43132		95	120
Sharma N., Pareek S., Chaturvedi N., Dahiya R.	Multiple Solutions for Reconfiguration to Address Partial Shading Losses in Solar Photovoltaic Arrays	2018	IOP Conference Series: Materials Science and Engineering	331	1	12018		
Mittal R.K., Rawat S., Bansal P.	Multivariable regression model for Fox depth correction factor	2018	Frontiers of Structural and Civil Engineering				1	7
Arora N., Sharma N.N.	MWCNT from carbon black: Effect of current variation and arc application time	2017	Key Engineering Materials	737	KEM		347	353
Sharma P., Tripathi N., Gupta N.	Nanocrystalline silicon thin film prepared by e-beam evaporation for display application	2017	Journal of Materials Science: Materials in Electronics	28	4		3891	3896
Sharma S., Maiti D.K., Alam M.M., Sharma B.K.	Nanofluid (H ₂ O-Al ₂ O ₃ /CuO) flow over a heated square cylinder near a wall under the incident of Couette flow	2018	Journal of Mechanical Science and Technology	32	2		659	670
Uppal S., Italiya K.S., Chitkara D., Mittal A.	Nanoparticulate-based drug delivery systems for small molecule anti-diabetic drugs: An emerging paradigm for effective therapy	2018	Acta Biomaterialia					
Mahala C., Basu M.	Nanosheets of NiCo ₂ O ₄ /NiO as Efficient and Stable Electrocatalyst for Oxygen Evolution Reaction	2017	ACS Omega	2	11		7559	7567
Basu M.	Nanotubes of NiCo ₂ S ₄ /Co ₉ S ₈ Heterostructure: Efficient Hydrogen Evolution Catalyst in Alkaline Medium	2018	Chemistry - An Asian Journal					
Bhattacharya S.	Narrating lives/labour: Documenting domestic labour in kolkata	2017	Life Writing	14	4		519	530
Ganguly S., Mondal S., Das P., Bhawal P., Das T.K., Bose M., Choudhary S., Gangopadhyay S., Das A.K., Das N.C.	Natural saponin stabilized nano-catalyst as efficient dye-degradation catalyst	2018	Nano-Structures and Nano-Objects	16			86	95
Marathe S.A.	Nesting sites of birds and spiders in the semi-arid zone of Rajasthan, India	2018	Current Science	114	9		1821	1824

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Gupta V.	Network selection in 3G-WLAN interworking environment using TOPSIS	2018	11th International Conference on Industrial and Information Systems, ICIIS 2016 - Conference Proceedings	2018-January			512	517
Bhargava R., Arora S., Sharma Y.	Neural Network-Based Architecture for Sentiment Analysis in Indian Languages	2018	Journal of Intelligent Systems					
Wagale M., Singh A.P., Singh A.	Neural networks approach for evaluating quality of service in public transportation in rural areas	2017	India International Conference on Information Processing, IICIP 2016 - Proceedings			7975391		
Bhatt S., Mahesh R., Jindal A., Devadoss T.	Neuropharmacological and neurochemical evaluation of N-n-propyl-3-ethoxyquinoxaline-2-carboxamide (6n): A novel serotonergic 5-HT ₃ receptor antagonist for co-morbid antidepressant and anxiolytic-like potential using traumatic brain injury model in rats	2017	Journal of Basic and Clinical Physiology and Pharmacology	28	2		93	100
Bhatt S., Mahesh R., Devadoss T., Jindal A.	Neuropharmacological evaluation of a novel 5-HT ₃ receptor antagonist (4-benzylpiperazin-1-yl) (3-methoxyquinoxalin-2-yl) methanone (6g) on lipopolysaccharide-induced anxiety models in	2017	Journal of Basic and Clinical Physiology and Pharmacology	28	2		101	106
Sharma S., Italiya K., Mittal A., Chitkara D.	New strategies for cancer management: How can temozolomide carrier modifications improve its delivery?	2017	Therapeutic Delivery	8	7		475	477
Samantaray S.K., Rout B.K., Mohapatra S.S., Munshi B.	Newtonian flow past a hollow frustum in vertical and inclined plane: An experimental observation for terminal velocity and drag coefficient	2018	Powder Technology	326			114	122
Yadav N., Gupta K., Khetrpal V.	Next Education: Technology Transforming Education	2018	South Asian Journal of Business and Management Cases	7	1		68	77
Zhang H., Sfarra S., Saluja K., Peeters J., Fleuret J., Duan Y., Fernandes H., Avdelidis N., Ibarra-Castaneda C., Maldague X.	Non-destructive Investigation of Paintings on Canvas by Continuous Wave Terahertz Imaging and Flash Thermography	2017	Journal of Nondestructive Evaluation	36	2	34		

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Pulipaka S., Ramesh A., Kumar R., Bora B., Kumar S., Singh S.K.	Non-intrusive real-time monitoring of PV generation at inverters using Internet of photovoltaics	2017	Electronics Letters	53	16		1137	1138
Verma A., Samaiya D., Gupta K.K.	Nonlinear Motion Tracking by Deep Learning Architecture	2018	IOP Conference Series: Materials Science and Engineering	331	1	12020		
Singha Deb A.K., Dwivedi V., Dasgupta K., Musharaf Ali S., Shenoy K.T.	Novel amidoamine functionalized multi-walled carbon nanotubes for removal of mercury(II) ions from wastewater: Combined experimental and density functional theoretical approach	2017	Chemical Engineering Journal	313			899	911
Gupta A., Gupta P., Asati A.	Novel low-power and stable SRAM cells for sub-threshold operation at 45 nm	2018	International Journal of Electronics	105	8		1399	1415
Ghule K., Soni M.S.	Numerical Heat Transfer Analysis of Wavy Micro Channels with Different Cross Sections	2017	Energy Procedia	109			471	478
Bharathidevi S.R., Babu K.A., Jain N., Muthukumaran S., Umashankar V., Biswas J., Angayarkanni N.	Ocular distribution of antioxidant enzyme paraoxonase & its alteration in cataractous lens & diabetic retina	2017	Indian Journal of Medical Research	145	April		513	520
Ritish K., Piyush S., Praveen Kumar A.V.	Offset fed slot antenna for broadband operation	2018	IOP Conference Series: Materials Science and Engineering	331	1	12022		
Shaikh I., Singh S.	On the examination of out-of-pocket health expenditures in India, Pakistan, Sri Lanka, Maldives, Bhutan, Bangladesh and Nepal	2017	Business: Theory and Practice	18			25	32
Singh A., Mir N.A., Choudhary S., Singh D., Sharma P., Kant R., Kumar I.	One-pot sequential multicomponent reaction between: In situ generated aldimines and succinaldehyde: Facile synthesis of substituted pyrrole-3-carbaldehydes and applications towards medicinally important fused heterocycles	2018	RSC Advances	8	28		1544 8	1545 8
Gogoi N., Agarwal D.S., Sehgal A., Chowdhury D., Sakhuja R.	One-Pot Synthesis of Carbon Nanodots in an Organic Medium with Aggregation-Induced Emission Enhancement (AIEE): A Rationale for "enzyme-Free" Detection of Cholesterol	2017	ACS Omega	2	7		3816	3827

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Choudhary S., Pawar A.P., Yadav J., Sharma D.K., Kant R., Kumar I.	One-Pot Synthesis of Chiral Tetracyclic Dibenzo[b, f][1,4]oxazepine-Fused 1,2-Dihydropyridines (DHPs) under Metal-Free Conditions	2018	Journal of Organic Chemistry	83	16		9231	9239
Shekhar C., Jain M., Raina A.A., Iqbal J.	Optimal (N, F) policy for queue-dependent and time-sharing machining redundant system	2017	International Journal of Quality and Reliability Management	34	6		798	816
Pareek S., Chaturvedi N., Dahiya R.	Optimal interconnections to address partial shading losses in solar photovoltaic arrays	2017	Solar Energy	155			537	551
Sangwan K.S., Kant G.	Optimization of Machining Parameters for Improving Energy Efficiency using Integrated Response Surface Methodology and Genetic Algorithm Approach	2017	Procedia CIRP	61			517	522
Dhatterwal P., Mehrotra S., Mehrotra R.	Optimization of PCR conditions for amplifying an AT-rich amino acid transporter promoter sequence with high number of tandem repeats from Arabidopsis thaliana	2017	BMC Research Notes	10	1	638		
Gadodia C., Shandilya S., Bansal H.O.	Optimized Latching Control of Floating Point Absorber Wave Energy Converter	2018	IOP Conference Series: Materials Science and Engineering	331	1	12024		
Lakshmanan R., Shivaprakash N.C., Sindhu S.	Orange Fluorescent Ru(III) Complexes Based on 4'-Aryl Substituted 2,2':6',2''-Terpyridine for OLEDs Application	2018	Journal of Fluorescence	28	1		173	182
Malik N., Kumar P., Ghosh S.B., Shrivastava S.	Organically Modified Nanoclay and Aluminum Hydroxide Incorporated Bionanocomposites towards Enhancement of Physico-mechanical and Thermal Properties of Lignocellulosic Structural Reinforcement	2018	Journal of Polymers and the Environment	26	8		3243	3249
Agrawal U., Kumari N., Vasudeva P., Mohanty N.K., Saxena S.	Overexpression of COX2 indicates poor survival in urothelial bladder cancer	2018	Annals of Diagnostic Pathology	34			50	55
Choudhary S., Sarma J.V.N., Pande S., Ababou-Girard S., Turban P., Lepine B., Gangopadhyay S.	Oxidation mechanism of thin Cu films: A gateway towards the formation of single oxide phase	2018	AIP Advances	8	5	55114		
Upadhyay P., Pulipaka S., Kumar R., Sharma M.	Parameter extraction of solar photovoltaic system using Lambert-W function for different environmental condition	2017	IEEE Region 10 Annual International Conference, Proceedings/TEN CON			7848349	1884	1888

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Bagchi A., Guha S.	Parametric optimization of burr height reduction and machining time in drilling operation on stainless steel specimen	2018	IOP Conference Series: Materials Science and Engineering	377	1	12174		
Singh S.B., Awasthi S.	Parametric study of carbon FRP prestressed concrete box girders	2017	Indian Concrete Journal	91	2		47	56
Biswas S., Biswas S.	Password security system with 2-way authentication	2017	Proceedings - 2017 3rd IEEE International Conference on Research in Computational Intelligence and Communication Networks, ICRCICN 2017	2017-December			349	353
Sharma S.K., Bhat A., Kumar V., Agarwal A.	Path analysis model for supply chain risk management	2018	Global Business Expansion: Concepts, Methodologies, Tools, and Appl.				386	408
Sharma S.K., Bhat A., Kumar V., Agarwal A.	Path analysis model for supply chain risk management	2017	International Journal of Information Systems and Supply Chain Management	10	2		21	41
Sharma S.K., Bhat A., Kumar V., Agarwal A.	Path analysis model for supply chain risk management	2017	Operations and Service Management: Concepts, Methodologies, Tools, and Applications				428	451
Jayswal R., Gupta R., Gupta K.K.	Patient health monitoring system based on Internet of Things	2018	2017 4th International Conference on Image Information Processing, ICIP 2017	2018-January			470	473
Suresh Kumar L.V., Nagesh Kumar G.V., Madichetty S.	Pattern search algorithm based automatic online parameter estimation for AGC with effects of wind power	2017	International Journal of Electrical Power and Energy Systems	84			135	142
Singh A.P., Sharma A., Mishra R., Wagle M., Sarkar A.K.	Pavement condition assessment using soft computing techniques	2018	International Journal of Pavement Research and Technology	11	6		564	581
Narayanan I.G., Natarajan S.K.	Peptides derived from histidine and methionine-rich regions of copper transporter 1 exhibit anti-angiogenic property by chelating extracellular Cu	2018	Chemical Biology and Drug Design	91	3		797	804
Das M., Sharma S.	Perception of the young adults towards the portrayal of women in contemporary Indian television advertisements	2017	Media Watch	8	3		339	354

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Makka S., Sagar B.B.	Performance analysis of a system that identifies the parallel modules through Program Dependence Graph	2017	International Journal of Intelligent Systems and Applications	9	9		37	45
Potdar P.K., Routroy S.	Performance analysis of agile manufacturing: a case study on an Indian auto component manufacturer	2017	Measuring Business Excellence	21	2		117	135
Panday A., Bansal H.O.	Performance Analysis of Hybrid Electric Vehicle over Different Driving Cycles	2017	Journal of Physics: Conference Series	806	1	12014		
Kumar C.V.S., Routroy S.	Performance analysis of supplier development programs	2017	Benchmarking	24	2		488	510
Roh H.-J., Sharma S., Sahu P.K., Mehran B.	Performance Comparison of Mode Choice Optimization Algorithm with Simulated Discrete Choice Modeling	2018	Modelling and Simulation in Engineering	2018		8169036		
Joshi A., Singhal R.	Performance comparison of probe-fed polygonal patch antennas for L-band applications	2017	IEEE Region 10 Annual International Conference, Proceedings/TEN CON			7848224	1307	1311
Pal D., Jindal V., Bandyopadhyay A.K., Verma L.K., Singhal R.	Performance enhancement of coupled-fed printed log-periodic antenna using complimentary split ring resonator	2017	Progress in Electromagnetics Research Symposium	2017-November			2817	2821
Pulipaka S., Kumar R.	Performance enhancement of neural network training using hybrid data division technique for photovoltaic power prediction	2017	Conference Proceedings - 2017 17th IEEE International Conference on Environment and Electrical Engineering and 2017 1st IEEE Industrial and Commercial Power Systems Europe, IEEEIC / I and CPS Europe 2017			7977473		
Sharan L., Agrawal V.M., Chaubey V.K.	Performance Evaluation and Nonlinear Mitigation through DQPSK Modulation in 32 × 40 Gbps Long-Haul DWDM Systems	2017	Journal of Optical Communications	38	3		297	307
Singh S., Dasgupta M.S.	Performance evaluation of a CO2 scroll expander for work recovery using artificial neural network	2018	Science and Technology for the Built Environment	24	6		580	587
Singh S.	Performance evaluation of a novel solar air heater with arched absorber plate	2017	Renewable Energy	114			879	886
Padhi T., Chandra M., Kar A.	Performance evaluation of hybrid active noise control system with online secondary path modeling	2018	Applied Acoustics	133			215	226

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Naveen B., Rout B.K.	Performance Evaluation of Manipulators with Links of Different Cross Sections	2017	Materials Today: Proceedings	4	2		1778	1787
Singh H., Pahuja R., Bhanot S.	Performance investigation of WAVE network under influence of highway mobility	2018	2018 2nd International Conference on Electronics, Materials Engineering and Nano-Technology, IEMENTech 2018			8465269		
Mogha S.K., Kumar A., Kumar A., Kunroo M.H.	Performance measurement of academic departments: Case of a private institution	2018	Advances in Intelligent Systems and Computing	584			387	396
Gupta D.K., Dasgupta M.S.	Performance of CO2 Trans-Critical Refrigeration System with Work Recovery Turbine in Indian Context	2017	Energy Procedia	109			102	112
Saxena P., Mathur A., Bhatnagar M.R.	Performance of Optically Pre-Amplified FSO System under Gamma-Gamma Turbulence with Pointing Errors and ASE Noise	2017	IEEE Vehicular Technology Conference	2017-June		8108441		
Patel A., Chaturvedi P.	Performance of SRF-UVTG based UPQCDG for Integration of Solar PV with Non-linear Loads	2017	IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2016	2016-January			1	5
Nandigama S.	Performance of success and failure in grassroots conservation and development interventions: Gender dynamics in participatory forest management in India	2018	Land Use Policy					
Gupta G., Singhvi G., Chellappan D.K., Sharma S., Mishra A., Dahiya R., De Jesus Andreoli Pinto T., Dua K.	Peroxisome proliferator-activated receptor gamma: Promising target in glioblastoma	2018	Panminerva Medica	60	3		109	116
Kandpal K., Gupta N.	Perspective of zinc oxide based thin film transistors: A comprehensive review	2018	Microelectronics International	35	1		52	63
Morey A., Pradhan S., Kumar R.A., Pani A.K., Vijayan S. V., Jain V., Gupta A.	Pollutant monitoring in tail gas of sulfur recovery unit with statistical and soft computing models	2018	Chemical Engineering Communications				1	17
Dhorajia A.M., Mukherjee H.	Polynomial rings over commutative reduced Hopfian local rings	2018	Acta Mathematica Hungarica	154	1		243	251

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Gupta S., Gupta B.B.	POND: Polishing the execution of nested context-familiar runtime dynamic parsing and sanitisation of XSS worms on online edge servers of fog computing	2018	International Journal of Innovative Computing and Applications	9	2		116	129
Bhateshvar Y.K., Mathur H.D., Bansal R.C.	Power-Frequency Balance in Multi-generation System Using Optimized Fuzzy Logic Controller	2017	Electric Power Components and Systems	45	12		1275	1286
Dhyani R., Sharma N., Maity A.K.	Prediction of PM2.5 along urban highway corridor under mixed traffic conditions using CALINE4 model	2017	Journal of Environmental Management	198			24	32
Sarkar A.K., Bharadwaj S., Sarkar T.G.	Predictions for measuring the cross power spectrum of the HI 21-cm signal and the Lyman- α forest using OWFA	2018	Journal of Cosmology and Astroparticle Physics	2018	5	51		
Kumari N., Agrawal U., Mishra A.K., Kumar A., Vasudeva P., Mohanty N.K., Saxena S.	Predictive role of serum and urinary cytokines in invasion and recurrence of bladder cancer	2017	Tumor Biology	39	4			
Saha P., Roy R., Sarkar A.K., Pal M.	Preferred time headway of drivers on two-lane highways with heterogeneous traffic	2017	Transportation Letters				1	8
Kunjiappan S., Panneerselvam T., Somasundaram B., Arunachalam S., Sankaranarayanan M., Parasuraman P.	Preparation of liposomes encapsulated Epirubicin-gold nanoparticles for Tumor specific delivery and release	2018	Biomedical Physics and Engineering Express	4	4	45027		
Mittal R.K., Gill G.	Pressure settlement behaviour of strip footing resting on tire-chip reinforced sand	2017	International Journal of Geotechnical Engineering				1	7
Singh R.P., Jha P.N.	Priming with ACC-utilizing bacterium attenuated copper toxicity, improved oxidative stress tolerance, and increased phytoextraction capacity in wheat	2018	Environmental Science and Pollution Research					
Joshi A., Singhal R.	Probe-fed regular hexagonal narrow-slot antenna with reduced ground plane for WLAN applications	2017	IEEE Region 10 Annual International Conference, Proceedings/TEN CON			7848225	1312	1316
Jha S.K., Puppala H.	Prospects of renewable energy sources in India: Prioritization of alternative sources in terms of Energy Index	2017	Energy	127			116	127

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Shukla P., Gupta A.	Quad-NMOS cross-coupling for linearity enhancement in high frequency continuous-Time OTA-C filters with IM3 below-70 dB	2017	Proceedings of 2017 2nd International Conference on Frontiers of Sensors Technologies, ICFST 2017	2017- January			290	293
Singh R.P., Runthala A., Khan S., Jha P.N.	Quantitative proteomics analysis reveals the tolerance of wheat to salt stress in response to Enterobacter cloacae SBP-8	2017	PLoS ONE	12	9	e01835 13		
Agarwal V., Bhanot S.	Radial basis function neural network-based face recognition using firefly algorithm	2018	Neural Computing and Applications	30	8		2643	2660
Kumar J.	Rank properties of the semigroup of endomorphisms over Brandt semigroup	2017	Semigroup Forum	95	3		589	593
Kumar N., Panchariya P.C., Kiranmayee A.H., Khatri P., Srinath K.	Rapid classification of different types of ghee using mid infrared spectroscopy	2017	Proceedings - TIMA 2017: 9th International Conference on Trends in Industrial Measurement and Automation			806480 2		
Bhardwaj J., Gupta K.K., Khatri P.	Real Time Assessment of Potable Water Quality in Distribution Network based on Low Cost Multi-Sensor Array	2018	IOP Conference Series: Materials Science and Engineering	331	1	12027		
Bhatia A., Haribabu K., Gupta K., Sahu A.	Realization of flexible and scalable VANETs through SDN and virtualization	2018	International Conference on Information Networking	2018- January			280	282
Siddharth K., Pathak A., Pani A.K.	Real-time quality monitoring in debutanizer column with regression tree and ANFIS	2018	Journal of Industrial Engineering International				1	11
Beel J., Dinesh S.	Real-world recommender systems for academia: The pain and gain in building, operating, and researching them	2017	CEUR Workshop Proceedings	1823			6	17
Pala Z.R., Saxena V., Saggu G.S., Garg S.	Recent Advances in the [Fe–S] Cluster Biogenesis (SUF) Pathway Functional in the Apicoplast of Plasmodium	2018	Trends in Parasitology	34	9		800	809
Kiran D.C., Gurunarayanan S., Misra J.P., Bhatia M.	Register allocation for fine grain threads on multicore processor	2017	Journal of King Saud University - Computer and Information Sciences	29	1		85	92
Tomar V., Sidhu G.K., Nogia P., Mehrotra R., Mehrotra S.	Regulatory components of carbon concentrating mechanisms in aquatic unicellular photosynthetic organisms	2017	Plant Cell Reports	36	11		1671	1688

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Nogia P., Tomar V., Sidhu G.K., Mehrotra R., Mehrotra S.	Relative efficiencies of transient transformation of Arabidopsis thaliana and Nicotiana tabacum upon heterologous expression of membrane proteins	2017	Indian Journal of Biotechnology	16	2		195	198
Ramagiri S., Taliyan R.	Remote limb ischemic post conditioning during early reperfusion alleviates cerebral ischemic reperfusion injury via GSK-3 β /CREB/ BDNF pathway	2017	European Journal of Pharmacology	803			84	93
Dhoble R.M., Maddigapu P.R., Rayalu S.S., Bhole A.G., Dhoble A.S., Dhoble S.R.	Removal of arsenic(III) from water by magnetic binary oxide particles (MBOP): Experimental studies on fixed bed column	2017	Journal of Hazardous Materials	322			469	478
Lohitesh K., Chowdhury R., Mukherjee S.	Resistance a major hindrance to chemotherapy in hepatocellular carcinoma: An insight	2018	Cancer Cell International	18	1	44		
Kumar D., Dutta A.K., Manohar P.U.	Resolution of the Identity and Cholesky Representation of EOM-MP2 Approximation: Implementation, Accuracy and Efficiency	2017	Journal of Chemical Sciences	129	10		1611	1626
Kumar H., Mohapatra S.K., Singh R.I.	Review on CFD Modelling of Fluidized Bed Combustion Systems based on Biomass and Co-firing	2018	Journal of The Institution of Engineers (India): Series C	99	4		449	474
Digalwar A.K., Mundra N., Tagalpallewar A.R., Sunnapwar V.K.	Road map for the implementation of green manufacturing practices in Indian manufacturing industries: An ISM approach	2017	Benchmarking	24	5		1386	1399
Kanuganti S., Agarwala R., Dutta B., Bhanegaonkar P.N., Singh A.P., Sarkar A.K.	Road safety analysis using multi criteria approach: A case study in India	2017	Transportation Research Procedia	25			4653	5665
Sharma B.K., Tailor V., Goyal M.	Role of slip velocity in a magneto-micropolar fluid flow from a radiative surface with variable permeability: A numerical study	2017	International Journal of Applied Mechanics and Engineering	22	3		637	651
Tyagi D.K., Chaubey V.K., Khandelwal P.	Routing and wavelength assignment in WDM network using IWD based algorithm	2017	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			781394 3	1424	1429

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Kundu S., Roy S., Mukherjee S.	SAT based rectilinear steiner tree construction	2017	Proceedings of the 2016 2nd International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2016			7912075	623	627
Shelke G.M., Kumar A.	Sc(OTf) ₃ -Catalyzed Oligomerization of Indole: One-Pot Synthesis of 2-[2,2-Bis(indol-3-yl)ethyl]anilines and 3-(Indolin-2-yl)indoles	2017	Synthesis (Germany)	49	18	ss-2017-z0186-op	4321	4326
Agarwal S.	Scale efficiency with fuzzy data	2017	International Journal of Business and Systems Research	11	43132		152	162
Gupta R., Kumar G.	Scenario planning for water resource management in semi arid zone	2018	Physics and Chemistry of the Earth	105			290	299
Mahala P., Patel M., Gupta N., Kim J., Lee B.H.	Schottky junction interfacial properties at high temperature: A case of AgNWs embedded metal oxide/p-Si	2018	Physica B: Condensed Matter	537			228	235
Binjola N., Misra J.P.	Scout-explorer multi-agent framework for terrain coverage	2017	2016 9th International Conference on Contemporary Computing, IC3 2016			7880198		
Misra P., Jain N., Mandal A.S.	Search space reduction for person recognition using soft biometrics	2018	2017 Conference on Information and Communication Technology, CICT 2017	2018-April			1	5
Vasudev H., Das D.	Secure opportunistic routing for vehicular adhoc networks	2018	Handbook of Research on Pattern Engineering System Development for Big Data Analytics				253	273
Farash M.S., Chaudhry S.A., Islam S.K.H., Khan Khattak M.A., Albeshri A.	Security vulnerabilities and improvements of SPAM: A secure password authentication mechanism for seamless handover in proxy mobile IPv6 networks	2017	Information Technology and Control	46	2		39	52
Venkataramana Reddy P.O., Malik B., Kumar D.	Sequential one-pot synthesis of β -carboline analogs: An efficient strategy to prepare pityriacitrin and alangiobussinine natural products	2018	Indian Journal of Heterocyclic Chemistry	28	1		133	142
Singh C.R., Ganesh S., Mishra M.	Sequential Quarkonium Production via Recombination in Heavy-Ion Collisions	2018	Springer Proceedings in Physics	203			479	484

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Gupta S., Gugta B.B.	SFC: A Three Layer Smart Phone-Fag-Cloud Framework for Defending Against JavaScript Code Injection Vulnerabilities on OSN	2018	Proceedings of the 8th International Conference Confluence 2018 on Cloud Computing, Data Science and Engineering, Confluence 2018			8442997	860	865
Majumder S., Thieme K., Batchu S.N., Alghamdi T.A., Bowskill B.B., Golam Kabir M., Liu Y., Advani S.L., White K.E., Geldenhuis L., Tennankore K.K., Poyah P., Siddiqi F.S., Advani A.	Shifts in podocyte histone H3K27me3 regulate mouse and human glomerular disease	2018	Journal of Clinical Investigation	128	1		483	499
Kumar R., Bansal H.O.	Shunt active power filter: Current status of control techniques and its integration to renewable energy sources	2018	Sustainable Cities and Society	42			574	592
Kumar A., Khanna A.	Simulation and application performance evaluation using GPU through CUDA C & deep learning in TensorFlow	2018	Communications in Computer and Information Science	799			414	424
Doshi A.A., Rout B.K.	Simulation and implementation of calligraphic writing using ABB 1410 industrial manipulator	2018	Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018				1364	1366
Patil G.R., Sahu P.K.	Simultaneous dynamic demand estimation models for major seaports in India	2017	Transportation Letters	9	3		141	151
Italiya K.S., Sharma S., Kothari I., Chitkara D., Mittal A.	Simultaneous estimation of lisofylline and pentoxifylline in rat plasma by high performance liquid chromatography-photodiode array detector and its application to pharmacokinetics in rat	2017	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	1061-1062			49	56
Bhardwaj J., Gupta K.K., Gupta R.	Soft computing framework for assessment of water quality in distribution network	2018	2017 International Conference on Soft Computing and its Engineering Applications: Harnessing Soft Computing Techniques for Smart and Better World, icSoftComp 2017	2018-January			1	5

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Tej Varma Y., Agarwal D.S., Sarmah A., Joshi L., Sakhuja R., Pant D.D.	Solvent effects on the absorption and emission spectra of novel (E)-4-((4-(heptyloxy)phenyl)diazenyl)benzyl (((9H-fluoren-9-yl)methoxy)carbonyl)-D-alaninate (Fmoc-al-az): Determination of dipole moment by experimental and theoretical study	2017	Journal of Molecular Structure	1129			248	255
Shakoor S.M.A., Agarwal D.S., Khullar S., Mandal S.K., Sakhuja R.	Solvent-Driven Iodine-Mediated Oxidative Strategies for the Synthesis of Bis(imidazo[1,2-a]pyridin-3-yl)sulfanes and Disulfanes	2017	Chemistry - An Asian Journal	12	23		3061	3068
Dhorajia A.M.	Some graph on prime ideals of a commutative ring	2018	International Electronic Journal of Algebra	23			157	166
Saha P., Roy N., Sarkar A.K., Pal M.	Speed Distribution on Two-Lane Rural Highways with Mixed Traffic: A Case Study in North East India	2017	Journal of The Institution of Engineers (India): Series A	98	43132		107	113
Roy R., Saha P., Sarkar A.K.	Speed Distributional Trends on Two-lane Roads with Mixed Traffic under Heavy Flow	2017	Procedia Engineering	187			465	470
Joshi A., Verma L.K., Singhal R.	Spurious radiation suppression in slotted hexagonal antenna using complementary split ring resonators	2017	Progress in Electromagnetics Research Symposium	2017-November			683	688
Vaidya K., Bhattacharya S., Panwar V., Samal M., Chen W.-P., Ojha D.K.	Star formation toward IRAS 10427-6032	2017	Memorie della Societa Astronomica Italiana - Journal of the Italian Astronomical Society	88	4		846	847
Vaidya K., Bhattacharya S., Panwar V., Samal M.R., Chen W.-P., Ojha D.K.	Star formation toward the H II region IRAS 10427-6032	2018	New Astronomy	63			27	37
Sadhu S., Ramgopal M., Bhattacharyya S.	Steady-State Analysis of a High-Temperature Natural Circulation Loop Based on Water-Cooled Supercritical CO ₂	2018	Journal of Heat Transfer	140	6	62502		
Pasari S., Dikshit O.	Stochastic earthquake interevent time modeling from exponentiated Weibull distributions	2018	Natural Hazards	90	2		823	842
Sakhare V.V., Ralegaonkar R.V.	Strategy to control indoor temperature for redevelopment of slum dwellings	2017	Indoor and Built Environment					
Neriyannuri S., Rao C., Raman R.	STRUCTURAL and FUNCTIONAL CHARACTERIZATION of BENIGN FLECK RETINA USING MULTIMODAL IMAGING	2017	Retinal Cases and Brief Reports	11	2		186	190

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Gupta T., Kumar M.	Structural response of skew-curved concrete box-girder bridges under eccentric vehicular loading	2018	IABSE Conference, Kuala Lumpur 2018: Engineering the Developing World - Report				1021	1028
Atta A., Fahmy S., Rizk O., Sriram D., Mahran M.A., Labouta I.M.	Structure-based design of some isonicotinic acid hydrazide analogues as potential antitubercular agents	2018	Bioorganic Chemistry	80			721	732
Chourdary A., Jain A.	Studies on closed-loop interaction in a multi-loop single tank control system	2018	International Journal of Engineering and Technology(UAE)	7	3		38	41
Singh S.B., Patil R., Munjal P.	Study of flexural response of engineered cementitious composite faced masonry structures	2017	Engineering Structures	150			786	802
Shrivastava S., Upadhyaya R.	Study of fracture toughness and bend test morphologies of HVOF sprayed Cr3C2-25% NiCr coating after heat treatment	2018	IOP Conference Series: Materials Science and Engineering	346	1	12026		
Kandpal K., Gupta N.	Study of structural and electrical properties of ZnO thin film for Thin Film Transistor (TFT) applications	2017	Journal of Materials Science: Materials in Electronics	28	21		16013	16020
Saboo N., Singh B., Kumar P., Vikram D.	Study on viscosity of conventional and polymer modified asphalt binders in steady and dynamic shear domain	2018	Mechanics of Time-Dependent Materials	22	1		67	78
Mishra D., Sarkar A.K.	Subjective quantification of access to public transit: An exercise in choice modeling	2018	Advances in Transportation Studies	46			121	134
Bhargava A., Pareek V., Roy Choudhury S., Panwar J., Karmakar S.	Superior Bactericidal Efficacy of Fucose-Functionalized Silver Nanoparticles against Pseudomonas aeruginosa PAO1 and Prevention of Its Colonization on Urinary Catheters	2018	ACS Applied Materials and Interfaces	10	35		29325	29337
Arora R., Goel S., Mittal R.K.	Supporting collaborative software development in academic learning environment: A collaborative pair and quadruple programming based approach	2018	2017 10th International Conference on Contemporary Computing, IC3 2017	2018-January			1	7
Arora R., Goel S., Mittal R.K.	Supporting collaborative software development over GitHub	2017	Software - Practice and Experience	47	10		1393	1416
Kumar V., Dhillon A.S., Sharma N.N.	Surface Modification of Textured Dielectrics and Their Wetting Behavior	2017	Journal of Materials Engineering and Performance	26	2		822	827
Kala P., Sharma V., Pandey P.M.	Surface roughness modelling for Double Disk Magnetic Abrasive Finishing process	2017	Journal of Manufacturing Processes	25			37	48

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Sangwan K.S., Bhakar V., Digalwar A.K.	Sustainability assessment in manufacturing organizations: Development of assessment models	2018	Benchmarking	25	3		994	1027
Waseem N., Kota S.	Sustainability definitions— an analysis	2017	Smart Innovation, Systems and Technologies	66			361	371
Srinivas R., Singh A.P., Dhadse K., Garg C., Deshmukh A.	Sustainable management of a river basin by integrating an improved fuzzy based hybridized SWOT model and geo-statistical weighted thematic overlay analysis	2018	Journal of Hydrology	563			92	105
Lakshmanan R., Shivaprakash N.C., Sindhu S.	Switching from sky blue to deep green fluorescent Zn(II) complexes for OLEDs applications	2018	Journal of Luminescence	196			136	145
Chaitanya M.V.S.K., Reddy P.O.V., Nikhil K., Kumar A., Shah K., Kumar D.	Synthesis and anticancer activity studies of indolyloxazoline analogues	2018	Bioorganic and Medicinal Chemistry Letters	28	17		2842	2845
Dhandayutham S., Kannadhasan R., Murugesan S.	Synthesis and antimicrobial evaluation of novel sulphur bridged 2-oxo-1,2,3,4-tetrahydropyrimidine derivatives	2017	Research Journal of Chemistry and Environment	21	9		21	30
Senthilkumar K., Thirumorthy K., Vinitha G., Soni K., Bhuvanesh N.S.P., Palanisami N.	Synthesis and characterization of d10 metal complexes of 3-Me-5-FcPz: Structural, theoretical and third order nonlinear optical properties	2017	Journal of Molecular Structure	1128			36	43
Pradeep S., Raghuram S., Chaudhury M.G., Mazumder S.	Synthesis and characterization of Fe ³⁺ and Mn ²⁺ doped ZnS quantum dots for photocatalytic applications: Effect of 2-mercaptoethanol and chitosan as capping agents	2017	Journal of Nanoscience and Nanotechnology	17	2		1125	1132
Agarwal D.S., Singh R.P., Lohitesh K., Jha P.N., Chowdhury R., Sakhujia R.	Synthesis and evaluation of bile acid amides of α -cyanostilbenes as anticancer agents	2018	Molecular Diversity	22	2		305	321
Venkataramana Reddy P.O., Hridhay M., Nikhil K., Khan S., Jha P.N., Shah K., Kumar D.	Synthesis and investigations into the anticancer and antibacterial activity studies of β -carboline chalcones and their bromide salts	2018	Bioorganic and Medicinal Chemistry Letters	28	8		1278	1282

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Ashok P., Chander S., Chow L.M.C., Wong I.L.K., Singh R.P., Jha P.N., Sankaranarayan M.	Synthesis and in-vitro anti-leishmanial activity of (4-arylpiperazin-1-yl)(1-(thiophen-2-yl)-9H-pyrido[3,4-b]indol-3-yl)methanone derivatives	2017	Bioorganic Chemistry	70			100	106
Misra A., Sharma S., Sharma D., Dubey S., Mishra A., Kishore D., Dwivedi J.	Synthesis and molecular docking of pyrimidine incorporated novel analogue of 1,5-benzodiazepine as antibacterial agent	2018	Journal of Chemical Sciences	130	3	31		
Chander S., Tang C.-R., Al-Maqtari H.M., Jamalis J., Penta A., Hadda T.B., Sirat H.M., Zheng Y.-T., Sankaranarayan M.	Synthesis and study of anti-HIV-1 RT activity of 5-benzoyl-4-methyl-1,3,4,5-tetrahydro-2H-1,5-benzodiazepin-2-one derivatives	2017	Bioorganic Chemistry	72			74	79
Budania S., Shelke G.M., Kumar A.	Synthesis of 3-alkenylated indole and bis(indol-3-yl) derivatives catalyzed by sulfonic acid-functionalized ionic liquid under ultrasound irradiation	2017	Synthetic Communications	47	7		646	654
Chanu I.H., Devi L.R., Khumanthem N., Singh N.I., Kumar D., Singh O.M.	Synthesis of functionalized benzo[f]2H-chromenes and evaluation of their antimicrobial activities	2017	Russian Journal of Bioorganic Chemistry	43	2		177	185
Raghavan S.C., Shivaprakash N.C., Sindhu S.N.	Synthesis of solution-processable poly(3,4-propylenedioxythiophene) nanobelts for electrochromic device applications	2017	Optical Materials	73			56	63
Ming L.S., Jamalis J., Al- Maqtari H.M., Rosli M.M., Sankaranarayan M., Chander S., Fun H.-K.	Synthesis, characterization, antifungal activities and crystal structure of thiophene-based heterocyclic chalcones	2017	Chemical Data Collections	43382			104	113
Al-Maqtari H.M., Jamalis J., Hadda T.B., Sankaranarayan M., Chander S., Ahmad N.A., Mohd Sirat H., Althagafi I.I., Mabkhot Y.N.	Synthesis, characterization, POM analysis and antifungal activity of novel heterocyclic chalcone derivatives containing acylated pyrazole	2017	Research on Chemical Intermediates	43	3		1893	1907

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Sadasivam U.M., Arumugam C.	Teaching database design and analysis in an effective way on digital platform and its effect on society	2018	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10964 LNCS			481	491
Kumar S., Gupta S., Nanoti S.M.	Techno-economic evaluation of top, middle, and bottom divided wall column configurations for benzene, toluene, and xylene processing in aromatic production plant	2017	Separation Science and Technology (Philadelphia)	52	1		122	131
Bhardwaj R., Majumder S., Ajmera P.K., Sinha S., Sharma R., Mukhiya R., Narang P.	Temperature compensation of ISFET based pH sensor using artificial neural networks	2017	Proceedings of the 2017 IEEE Regional Symposium on Micro and Nanoelectronics, RSM 2017			8069141	155	158
Sharda P., Federrath C., da Cunha E., Swinbank A.M., Dye S.	Testing star formation laws in a starburst galaxy at redshift 3 resolved with ALMA	2018	Monthly Notices of the Royal Astronomical Society	477	4		4380	4390
Shastri S., Giri A.K., Mohapatra G.	Testing the Sustainability of Current Accounts for Major South Asian Economies: A Panel Data Approach	2018	South Asia Economic Journal	19	1		1	21
Ramanujam S., Muthuvel B., Aravind C. B., Biswas J., Konerirajapuram N.S.	The 88-kDa Eales' protein in serum is a complex of haptoglobin, complement C3, and galectin-1 as identified by liquid chromatography coupled mass spectrometry	2017	Proteomics - Clinical Applications	11	43132	1600068		
Hamid A., Anand A., Roy R.K.	The charge transfer limit of a chemical adduct: The role of perturbation on external potential	2017	Physical Chemistry Chemical Physics	19	17		10905	10912
Singh R.P., Nalwaya S., Jha P.N.	The draft genome sequence of the plant growth promoting rhizospheric bacterium <i>Enterobacter cloacae</i> SBP-8	2017	Genomics Data	12			81	83
Mukherjee S., Dash S., Lohitesh K., Chowdhury R.	The dynamic role of autophagy and MAPK signaling in determining cell fate under cisplatin stress in osteosarcoma cells	2017	PLoS ONE	12	6	e0179203		
Gupta K., Dhawan R., Kajla M., Misra T., Kumar S., Gupta L.	The evolutionary divergence of STAT transcription factor in different Anopheles species	2017	Gene	596			89	97
Edakunnya P.	The globally interlinked Mandi	2018	Economic and Political Weekly	53	14		14	16

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Sehrawat M., Giri A.K.	The impact of financial development, economic growth, income inequality on poverty: evidence from India	2017	Empirical Economics				1	18
Singh R.P., Jha P.N.	The PGPR <i>Stenotrophomonas maltophilia</i> SBP-9 augments resistance against biotic and abiotic stress in wheat plants	2017	Frontiers in Microbiology	8	OCT	1945		
Tiwari P., Bhat A.K., Tikoria J.	The role of emotional intelligence and self-efficacy on social entrepreneurial attitudes and social entrepreneurial intentions	2017	Journal of Social Entrepreneurship	8	2		165	185
Choudhary S., Narula R., Gangopadhyay S.	Thin Cu film resistivity using four probe techniques: Effect of film thickness and geometrical shapes	2018	AIP Conference Proceedings	1953		100054		
Chen W.P., Bhattacharya S., Mishra I., Vaidya K., Lalchand B.	Tidal disruption of the aged open cluster Berkeley 17	2017	Journal of Physics: Conference Series	869	1	12093		
Goyal P., Mehala N., Bhatia D., Goyal N.	Topical document clustering: Two-stage post processing technique	2018	International Journal of Data Mining, Modelling and Management	10	2		127	170
Esteves D., Rula A., Reddy A.J., Lehmann J.	Toward veracity assessment in RDF knowledge bases: An exploratory analysis	2018	Journal of Data and Information Quality	9	3	16		
Bhardwaj J., Gupta K.K., Gupta R.	Towards a cyber-physical era: Soft computing framework based multi-sensor array for water quality monitoring	2018	Drinking Water Engineering and Science	11	1		9	17
Shrivastav S., Kumar S., Kumar K.	Towards an ontology based framework for searching multimedia contents on the web	2017	Multimedia Tools and Applications	76	18		1865 7	1868 6
Mehrotra R., Renganaath K., Kanodia H., Loake G.J., Mehrotra S.	Towards combinatorial transcriptional engineering	2017	Biotechnology Advances	35	3		390	405
Kumar T., Khurana G.	Towards recent developments in the field of digital image forgery detection	2018	International Journal of Computer Applications in Technology	58	1		1	16
Leiden A., Posselt G., Bhakar V., Singh R., Sangwan K.S., Herrmann C.	Transferring experience labs for production engineering students to universities in newly industrialized countries	2018	IOP Conference Series: Materials Science and Engineering	297	1	12053		
Marhas K.K., Sharda P.	Transition Elements in Supernova Presolar Grains: Condensation versus Implantation	2018	Astrophysical Journal	853	1	12		

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Holkundkar A.R., Brodin G.	Transition from wakefield generation to soliton formation	2018	Physical Review E	97	4	43204		
Purohit G., Raju K.S., Chaubey V.K.	Transition sequence based Walsh Encoder: A novel power efficient architecture	2018	Microprocessors and Microsystems	63			98	103
Roy N., Sarkar R., Bharti S.D.	Transverse dynamic response of circular tunnels in blocky rock mass using distinct-element method	2018	International Journal of Geomechanics	18	10	4018124		
Shukla T., Chauhan G.S., Saumya S.	Traversing the women entrepreneurship in South Asia: A journey of Indian startups through Lucite ceiling phenomenon	2018	Journal of Enterprising Communities	12	1		50	66
Swetha K.L., Roy A.	Tumor heterogeneity and nanoparticle-mediated tumor targeting: the importance of delivery system personalization	2018	Drug Delivery and Translational Research	8	5		1508	1526
Choudhary A., Kumari S., Ray S.	Tuning of catalytic property controlled by the molecular dimension of palladium-schiff base complexes encapsulated in Zeolite y	2017	ACS Omega	2	10		6636	6645
Sharma P., Gupta N.	Two dimensional simulation and analysis of density-of-states (Dos) in top-gated Nanocrystalline Silicon thin film transistor (nc-Si TFT)	2017	International Journal of Nanoelectronics and Materials	10	2		101	108
Poonia M., Manjuladevi V., Gupta R.K.	Ultrathin film of carboxylated graphene at air-water and air-solid interfaces	2018	Surfaces and Interfaces	13			37	45
Sure G.R., Chatterjee A., Mishra N., Sabharwal V., Devireddy S., Awasthi A., Mohan S., Koushika S.P.	UNC-16/JIP3 and UNC-76/FEZ1 limit the density of mitochondria in C. elegans neurons by maintaining the balance of anterograde and retrograde mitochondrial transport	2018	Scientific Reports	8	1	8938		
Choudhary B., Kamak M., Ratnakaran N., Kumar J., Awasthi A., Li C., Nguyen K., Matsumoto K., Hisamoto N., Koushika S.P.	UNC-16/JIP3 regulates early events in synaptic vesicle protein trafficking via LRK-1/LRRK2 and AP complexes	2017	PLoS Genetics	13	11	e1007100		
Rai A., Pradhan P., Nagraj J., Lohitesh K., Chowdhury R., Jalan S.	Understanding cancer complexome using networks, spectral graph theory and multilayer framework	2017	Scientific Reports	7		41676		
Kala P., Pandey P.M., Verma G.C., Sharma V.	Understanding flexible abrasive brush behavior for double disk magnetic abrasive finishing based on force signature	2017	Journal of Manufacturing Processes	28			442	448

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Sarkar N.	Understanding the effect of inelastic electron-phonon scattering and channel inhomogeneities on a nanowire FET	2018	Superlattices and Microstructures	114			183	191
Sarkar N.	Understanding the overall shape of the output characteristics from the change in the channel potential profile for nanowire FET	2017	Superlattices and Microstructures	101			191	199
Sudha D., Neriyanuri S., Sachidanandan R., Natarajan S.N., Gandra M., Tharigopala A., Sivashanmugam M., Alameen M., Vetrivel U., Gopal L., Khetan V., Raman R., Sen P., Chidambaram S., Arunachalam J.P.	Understanding variable disease severity in X-linked retinoschisis: Does RS1 secretory mechanism determine disease severity?	2018	PLoS ONE	13	5	e0198086		
Roth A., Adapa S.R., Zhang M., Liao X., Saxena V., Goffe R., Li S., Ubalee R., Saggu G.S., Pala Z.R., Garg S., Davidson S., Jiang R.H.Y., Adams J.H.	Unraveling the Plasmodium vivax sporozoite transcriptional journey from mosquito vector to human host	2018	Scientific Reports	8	1	12183		
Mittal A., Arora G., Tiwari K., Kaushik V.D., Gupta P.	User Engagement Prediction Using Tweets	2018	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10955		LNCS	802	808
Arora R., Goel S., Mittal R.K.	Using dependency graphs to support collaboration over GitHub: The Neo4j graph database approach	2017	2016 9th International Conference on Contemporary Computing, IC3 2016			7880234		
Mishra A., Agarwal M., Asati A.R., Raju K.S.	Using graph isomorphism for mapping of data flow applications on reconfigurable computing systems	2017	Microprocessors and Microsystems	51			343	355

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Chib S., Das S., Venkatesan S., Seshasayee A.S.N., Thattai M.	Using stochastic cell division and death to probe minimal units of cellular replication	2018	New Journal of Physics	20	3	35004		
Asati V., Sharma P.K.	Using thin-layer chromatography for the metabolic characterization of an isoflavone glycoside-specific β -glucosidase in <i>Cyamopsis tetragonoloba</i>	2018	Journal of Planar Chromatography - Modern TLC	31	2		169	172
Anuradha D., Anupam S., Rajiv G., Sanjay V., Nihal S.A.	Utilization of industrial waste as a fertilizer in ornamental plants	2017	Research Journal of Chemistry and Environment	21	4		1	7
Sharma S.K., Routroy S., Yadav U.	Vehicle routing problem: Recent literature review of its variants	2018	International Journal of Operational Research	33	1		1	31
Raghuvanshi S., Bhakar V., Sowmya C., Sangwan K.S.	Waste Water Treatment Plant Life Cycle Assessment: Treatment Process to Reuse of Water	2017	Procedia CIRP	61			761	766
Vijay S., Roy B., Markocsan N., Lyphout C.	Wetting properties of ceramic reinforced metal matrix composites on varied roughness profiles	2017	Proceedings of the International Thermal Spray Conference	1			537	542
Paul GD B., Achar A.P., Muniyoor K., Venkatesh Murthy R.	What determines the performance of small business units?: Insights from a jewellery cluster	2017	Journal of Workplace Learning	29	6		447	472
Agarwal A., Singh D., Agariya A.K.	What Really Leads to Partner Relationship Management? A Review of Literature	2017	Journal of Relationship Marketing	16	4		245	285
Das P., Ganguly S., Bose M., Mondal S., Choudhary S., Gangopadhyay S., Das A.K., Banerjee S., Das N.C.	Zinc and nitrogen ornamented bluish white luminescent carbon dots for engrossing bacteriostatic activity and Fenton based bio-sensor	2018	Materials Science and Engineering C	88			115	129
Choudhary S., Gangopadhyay S.	Zinc oxide nano-structures: From nano-wall to nano-rod growth morphology	2018	AIP Conference Proceedings	1989		20007		
Ganesh S., Singh C.R., Mishra M.	ψ (2S) enhancement in p-Pb collision as an indication of quark-gluon plasma formation at the Large Hadron Collider	2018	Journal of Physics G: Nuclear and Particle Physics	45	3	35003		
Nagappan S., Kumar Verma S.	Co-production of biodiesel and alpha-linolenic acid (omega-3 fatty acid) from microalgae, <i>Desmodesmus</i> sp. MCC34	2018	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	40	24		2933	2940
Mascarenhas S., Mutnuri S., Ganguly A.	Silica - A trace geogenic element with emerging nephrotoxic potential	2018	Science of the Total Environment	645			297	317

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Iype E., Ahmed Khalfay Z.S., Ghosh Chaudhuri R., Prakash Kumar B.G.	Epsomite dehydration: A molecular dynamics study	2018	Journal of Energy Storage	20			337	343
Athokpam B.S., Deshmukh M.K.	Operational Testing of Rooftop SA-SPV System in Coastal Tropical climate of India	2018	Energy for Sustainable Development	47			17	22
Sharma V., Setia A.	Numerical solution and its analysis for a system of hypersingular integral equations	2018	Journal of Computational and Applied Mathematics	343			520	538
Kadumuri R.V., Vadrevu R.	Diversity in $\alpha\beta$ and $\beta\alpha$ Loop Connections in TIM Barrel Proteins: Implications for Stability and Design of the Fold	2018	Interdisciplinary Sciences: Computational Life Sciences	10	4		805	812
Sathvika T., Soni A., Sharma K., Praneeth M., Mudaliyar M., Rajesh V., Rajesh N.	Potential application of saccharomyces cerevisiae and rhizobium immobilized in multi walled carbon nanotubes to adsorb hexavalent chromium	2018	Scientific Reports	8	1	9862		
Jain D.S., Gupte S.R., Aduri R.	A Data Driven Model for Predicting RNA-Protein Interactions based on Gradient Boosting Machine	2018	Scientific Reports	8	1	9552		
Mehrotra R., Loake G., Mehrotra S.	Promoter choice: Selection vs. rejection	2018	Gene Reports	13			38	41
Gautam A., Komal P.	Probable ideal size of Ln3+-based upconversion nanoparticles for single and multimodal imaging	2018	Coordination Chemistry Reviews	376			393	404
Gopinath A., Bahurudeen A., Appari S., Nanthagopalan P.	A circular framework for the valorisation of sugar industry wastes: Review on the industrial symbiosis between sugar, construction and energy industries	2018	Journal of Cleaner Production	203			89	108
Dutta M., Singh B., Joshi M., Das D., Subramani E., Maan M., Jana S.K., Sharma U., Das S., Dasgupta S., Ray C.D., Chakravarty B., Chaudhury K.	Metabolomics reveals perturbations in endometrium and serum of minimal and mild endometriosis	2018	Scientific Reports	8	1	6466		
Singhvi G., Manchanda P., Krishna Rapalli V., Kumar Dubey S., Gupta G., Dua K.	MicroRNAs as biological regulators in skin disorders	2018	Biomedicine and Pharmacotherapy	108			996	1004

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Manasi, Tibrewal A., Rajesh N., Rajesh V.	Identification and Characterization of the microbial communities found in electronic industrial effluent and their potential for bioremediation	2018	Ecotoxicology and Environmental Safety	164			379	387
Das D., Misra R.	Improvised dynamic network connectivity model for Vehicular Ad-Hoc Networks (VANETs)	2018	Journal of Network and Computer Applications	122			107	114
Mittal R.K., Gill G.	Sustainable application of waste tire chips and geogrid for improving load carrying capacity of granular soils	2018	Journal of Cleaner Production	200			542	551
Sharma V., Namburu S.A.S., Lalwani P., Sagar C.K., Gupta A.K.	Constitutive modelling and processing map analysis of tungsten heavy alloy (92.5 W-5.25Ni-2.25Fe) at elevated temperatures	2018	International Journal of Refractory Metals and Hard Materials	76			168	179
Desai S.V., Jabeen S.S., Abdul W.K., Rao S.A.	Teaching cross-cultural management: A flipped classroom approach using films	2018	International Journal of Management Education	16	3		405	431
Gaidhane V.H., Hote Y.V.	An efficient edge extraction approach for flame image analysis	2018	Pattern Analysis and Applications	21	4		1139	1150
Ali S., Bhattacharjee A.B.	Photon statistics of radiation emitted by two quantum wells embedded in two optically coupled semiconductor microcavities	2018	Optik	172			588	595
Tambat S.N., Sane P.K., Suresh S., Varadan O. N., Pandit A.B., Sontakke S.M.	Hydrothermal synthesis of NH ₂ -UiO-66 and its application for adsorptive removal of dye	2018	Advanced Powder Technology	29	11		2626	2632
Bhatia R., Kumari K., Rani R., Suri A., Pahuja U., Singh D.	A critical review of experimental results on low temperature charge transport in carbon nanotubes based composites	2018	Reviews in Physics	3			15	25
Trivedi P., Adhikari N., Amin S.A., Jha T., Ghosh B.	Design, synthesis and biological screening of 2-aminobenzamides as selective HDAC3 inhibitors with promising anticancer effects	2018	European Journal of Pharmaceutical Sciences	124			165	181

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Maheshwari K., Sen A., Krishnamurthy B.	Modeling the performance of molten carbonate based direct carbon fuel cell anode	2018	International Journal of Hydrogen Energy	43	43		20077	20085
Chithira P.R., John T.T.	Defect and dopant induced room temperature ferromagnetism in Ni doped ZnO nanoparticles	2018	Journal of Alloys and Compounds	766			572	583
Banerjee S., Phadte A.A., Chattopadhyay A., Fernandes J.R.D., Savardekar A.V., Banerjee A., Singh K.S.	Synthesis and photophysical characterization of heterocyclic dihydrotetracenes and their utility in the fluorescence imaging of HeLa cells	2018	Tetrahedron Letters	59	42		3787	3791
Guillen D., Paternina M.R.A., Ortiz-Bejar J., Tripathy R.K., Zamora-Mendez A., Tapia-Olvera R., Tellez E.S.	Fault detection and classification in transmission lines based on a PSD index	2018	IET Generation, Transmission and Distribution	12	18		4070	4078
Muddineti O.S., Shah A., Rompicharla S.V.K., Ghosh B., Biswas S.	Cholesterol-grafted chitosan micelles as a nanocarrier system for drug-siRNA co-delivery to the lung cancer cells	2018	International Journal of Biological Macromolecules	118			857	863
Sarkar S., George A.V., Manoj S.	Thrust2D: A new design abstraction framework for structured grid class of algorithms	2018	Concurrency Computation	30	19	e4740		
Maan M., Peters J.M., Dutta M., Patterson A.D.	Lipid metabolism and lipophagy in cancer	2018	Biochemical and Biophysical Research Communications	504	3		582	589
Yelampalli P.K.R., Nayak J., Gaidhane V.H.	Daubechies wavelet-based local feature descriptor for multimodal medical image registration	2018	IET Image Processing	12	10		1692	1702
Philip M.M., Shah V., Balakrishnan V.	Estimation and Generation of Software Architectural Specification to Handle Variation Points	2018	International Journal of Software Engineering and Knowledge Engineering	28	10		1517	1534
Kaushik M.K., Yoganandam Y., Sahoo S.K.	Sensing and sharing schemes for spectral efficiency of cognitive radios	2018	International Journal of Electrical and Computer Engineering	8	5		2934	2941
Das D.	Positive and Negative Link Prediction Algorithm Based on Sentiment Analysis in Large Social Networks	2018	Wireless Personal Communications	102	3		2183	2198

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Uppuluri C.T., Dalvi A.V., Bommireddy E.P., Ravi P.R.	Development and validation of rapid and sensitive LC methods with PDA and fluorescence detection for determination of piribedil in rat plasma and brain tissues and their pharmacokinetic application	2018	Biomedical Chromatography	32	10	e4303		
Rompicharla S.V.K., Trivedi P., Kumari P., Muddineti O.S., Theegalapalli S., Ghosh B., Biswas S.	Evaluation of Anti-Tumor Efficacy of Vorinostat Encapsulated Self-Assembled Polymeric Micelles in Solid Tumors	2018	AAPS PharmSciTech	19	7		3141	3151
Gaidhane V.H., Hote Y.V.	An Improved Approach for Stability Analysis of Discrete System	2018	Journal of Control, Automation and Electrical Systems	29	5		535	540
Gade S.K., Shivshetty N., Sharma N., Bhatnagar S., Garg P., Venuganti V.V.K.	Effect of Mucoadhesive Polymeric Formulation on Corneal Permeation of Fluoroquinolones	2018	Journal of ocular pharmacology and therapeutics : the official journal of the Association for Ocular Pharmacology and Therapeutics	34	8		570	578
Hemadri V., Agrawal A., Bhandarkar U.V.	Determination of tangential momentum accommodation coefficient and slip coefficients for rarefied gas flow in a microchannel	2018	Sadhana - Academy Proceedings in Engineering Sciences	43	10	164		
Hans K., Latha S., Bera P., Barshilia H.C.	Hafnium carbide based solar absorber coatings with high spectral selectivity	2018	Solar Energy Materials and Solar Cells	185			1	7
Kulkarni A., Prajapati S., Verma S., Kaushik B.K.	Optimal Boolean Logic Quantum Circuit Decomposition for Spin-Torque-Based n-Qubit Architecture	2018	IEEE Transactions on Magnetics	54	10	8453896		
Esmaeili F.M., Mishra B.	Behaviour of physical parameters in extended gravity with hyperbolic function	2018	Journal of Astrophysics and Astronomy	39	5	59		
Saha A., Pal R., Naik A.G., Pal D.	Novel CMOS multi-bit counter for speed-power optimization in multiplier design	2018	AEU - International Journal of Electronics and Communications	95			189	198
Vulligaddala V.B., Adusumalli R., Singamala S., Srinivas M.B.	A Digitally Calibrated Bandgap Reference with 0.06% Error for Low-Side Current Sensing Application	2018	IEEE Journal of Solid-State Circuits	53	10	8453855	2951	2957
Rapalli V.K., Singhvi G., Dubey S.K., Gupta G., Chellappan D.K., Dua K.	Emerging landscape in psoriasis management: From topical application to targeting biomolecules	2018	Biomedicine and Pharmacotherapy	106			707	713

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Halder S., Kumari S., Kumar S., Aswal V.K., Saha S.K.	Fluorescence Resonance Energy Transfer, Small-Angle Neutron Scattering, and Dynamic Light Scattering Study on Interactions of Gemini Surfactants Having Different Spacer Groups with Protein at Various Regions of Binding Isotherms	2018	ACS Omega	3	9		1119 2	1120 4
Malik T., Alam N., Fortin M., Providência C., Agrawal B.K., Jha T.K., Kumar B., Patra S.K.	GW170817: Constraining the nuclear matter equation of state from the neutron star tidal deformability	2018	Physical Review C	98	3	35804		
Swain R.R., Khilar P.M., Dash T.	Fault diagnosis and its prediction in wireless sensor networks using regression learning to achieve fault tolerance	2018	International Journal of Communication Systems	31	14	e3769		
Mishra B., Tarai S., Tripathy S.K.	Anisotropic cosmological reconstruction in f (R, T) gravity	2018	Modern Physics Letters A	33	29	185017 0		
Akarsu Ö., Katırcı N., Kumar S., Nunes R.C., Sami M.	Cosmological implications of scale-independent energy-momentum squared gravity: Pseudo nonminimal interactions in dark matter and relativistic relics	2018	Physical Review D	98	6	63522		
Udumula M.P., Bhat A., Mangali S., Kalra J., Dhar I., Sriram D., Dhar A.	Pharmacological evaluation of novel PKR inhibitor indirubin-3-hydrazone in-vitro in cardiac myocytes and in-vivo in wistar rats	2018	Life Sciences	209			85	96
Surendran G., Baral S.S.	Biosorption of Cr(VI) from wastewater using Sorghastrum Nutans L. Nash	2018	Chemistry and Ecology	34	8		762	785
Mishra A.K., Kumar A.	What lies behind income inequality and income mobility in India? Implications and the way forward	2018	International Journal of Social Economics	45	9		1369	1384
Koparkar A., Ghosh P.K.	A supervised air-tissue boundary segmentation technique in real-time magnetic resonance imaging video using a novel measure of contrast and dynamic programming	2018	ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings	2018-April		846241 2	5004	5008
Gujjarappa R., Maity S.K., Hazra C.K., Vodnala N., Dhiman S., Kumar A., Beifuss U., Malakar C.C.	Divergent Synthesis of Quinazolines Using Organocatalytic Domino Strategies under Aerobic Conditions	2018	European Journal of Organic Chemistry	2018	33		4628	4638

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Reddy V.V., Gutti S., Haque A.	Radiation reaction in a Lorentz-violating modified Maxwell theory	2018	Modern Physics Letters A	33	27	1830010		
Datta S., Lakdawala R., Sarkar S.	Understanding the Inter-domain Presence of Research Topics in the Computing Discipline: An Empirical Study	2018	IEEE Transactions on Emerging Topics in Computing					
B. P.S., Puranam S.A., Goel S.	3-D Printed Integrated and Automated Electro-Microfluidic Viscometer for Biochemical Applications	2018	IEEE Transactions on Instrumentation and Measurement					
Kumar G., Sathe A., Krishna V.S., Sriram D., Jachak S.M.	Synthesis and biological evaluation of dihydroquinoline carboxamide derivatives as anti-tubercular agents	2018	European Journal of Medicinal Chemistry	157			1	13
Adhikari N., Amin S.A., Trivedi P., Jha T., Ghosh B.	HDAC3 is a potential validated target for cancer: An overview on the benzamide-based selective HDAC3 inhibitors through comparative SAR/QSAR/QAAR approaches	2018	European Journal of Medicinal Chemistry	157			1127	1142
Gangisetty S., Nag A., Patel S.S.	A Practical Prototype Development to Simulate and Control the Movements of an AUV using ARM9 based Microcontroller	2018	International Conference on Current Trends in Computer, Electrical, Electronics and Communication, CTCEEC 2017			8455144	842	847
Batra N.D., Nunna K.P., Banik S.	Properties of rapidly rotating hot neutron stars with antikaon condensates at constant entropy per baryon	2018	Physical Review C	98	3	35801		
Padidela U.K., Khanna T., Behera R.N.	Structure, thermodynamics and diffusion in asymmetric binary mixtures: a molecular dynamics simulation study	2018	Physics and Chemistry of Liquids	56	5		685	701
Ghosh D., Sen S., Mohapatra S.	Drought-mitigating Pseudomonas putida GAP-P45 modulates proline turnover and oxidative status in Arabidopsis thaliana under water stress	2018	Annals of Microbiology	68	9		579	594
Dey R., Biswas P.	A novel and effective approach for viscosity prediction of binary and multicomponent liquid mixtures	2018	Journal of Molecular Liquids	265			356	360
Jasti P.C., Vinayaka Ram V.	Integrated performance assessment and service level benchmarking of urban bus system using fuzzy logic	2018	European Transport - Trasporti Europei		69			
Kumari P., Rompicharla S.V.K., Muddineti O.S., Ghosh B., Biswas S.	Transferrin-anchored poly(lactide) based micelles to improve anticancer activity of curcumin in hepatic and cervical cancer cell monolayers and 3D spheroids	2018	International Journal of Biological Macromolecules	116			1196	1213

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Shiv Chaitanya K.V.S.	Harmonic oscillator Wigner function extension to exceptional polynomials	2018	Pramana - Journal of Physics	91	3	39		
Kumar R.	Different Approaches to Identify the Poor: Do They converge?	2018	Social Indicators Research	139	2		589	610
Shwetha P., Prasanna K.	Pedotransfer Functions for the Estimation of Saturated Hydraulic Conductivity for Some Indian Sandy Soils	2018	Eurasian Soil Science	51	9		1042	1049
Mishra B., Tarai S., Tripathy S.K.	Dynamical features of an anisotropic cosmological model	2018	Indian Journal of Physics	92	9		1199	1206
Kandpal K., Singh J., Gupta N., Shekhar C.	Effect of thickness on the properties of ZnO thin films prepared by reactive RF sputtering	2018	Journal of Materials Science: Materials in Electronics	29	17		14501	14507
Sahoo P.K., Moraes P.H.R.S., Sahoo P., Bishi B.K.	$f(R, T) = f(R) + \lambda T$ gravity models as alternatives to cosmic acceleration	2018	European Physical Journal C	78	9	736		
Suresh N., Suresh A., Yerramsetty S., Bhadra M.P., Alvala M., Sekhar K.V.G.C.	Anti-proliferative activity, molecular modeling studies and interaction with calf thymus DNA of novel ciprofloxacin analogues	2018	Journal of Chemical Sciences	130	9	121		
Sharma L.K., Yadav A.K., Sahoo P.K., Singh B.K.	Non-minimal matter-geometry coupling in Bianchi I space-time	2018	Results in Physics	10			738	742
Jain Y.M., Sharma P.K., Dixit H.V., Jadhav A., Hillaiert J., Goniche M., Kumar J.	RF design of Passive Active Multijunction (PAM) launcher for LHCD system of ADITYA-Upgrade tokamak	2018	Fusion Engineering and Design	134			109	117
Jindal A., Dua A., Kumar N., Das A.K., Vasilakos A.V., Rodrigues J.J.P.C.	Providing Healthcare-as-a-Service Using Fuzzy Rule Based Big Data Analytics in Cloud Computing	2018	IEEE Journal of Biomedical and Health Informatics	22	5	8272340	1605	1618
Chander S., Tang C.-R., Penta A., Wang P., Bhagwat D.P., Vanthuyne N., Albalat M., Patel P., Sankpal S., Zheng Y.-T., Sankaranarayanan M.	Hit optimization studies of 3-hydroxy-indolin-2-one analogs as potential anti-HIV-1 agents	2018	Bioorganic Chemistry	79			212	222

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Srinivasarao S., Nizalapur S., Yu T.T., Wenholtz D.S., Trivedi P., Ghosh B., Rangan K., Kumar N., Gowri Chandra Sekhar K.V.	Design, Synthesis and Biological Evaluation of Triazole-Containing 2-Phenylindole and Salicylic Acid as Quorum Sensing Inhibitors Against <i>Pseudomonas aeruginosa</i>	2018	ChemistrySelect	3	32		9170	9180
Praseetha V.M., Dattagupta A., Suma R., Vadivel S.	Novel Web Service Based Fingerprint Identification Using Steganography and Xml Mining	2018	IOP Conference Series: Materials Science and Engineering	396	1	12026		
Fernandes L.A., Saraiya A., Kalaichelvi V., Karthikeyan R.	Performance evaluation of digital image processing and artificial neural networks for weld line detection of robotic manipulator	2018	2017 9th IEEE-GCC Conference and Exhibition, GCCCE 2017			8448081		
Rao R.V., Saroj A., Ocloñ P., Taler J., Taler D.	Single- and Multi-Objective Design Optimization of Plate-Fin Heat Exchangers Using Jaya Algorithm	2018	Heat Transfer Engineering	39	13-14		1201	1216
Rana M., Chatterjee A., Chowdhury P.	Investigation of nonlinear optical properties of organic based di amine substituted tetraphenylethylene	2018	AIP Conference Proceedings	2009		20055		
Achari G.A., Kowshik M.	Recent Developments on Nanotechnology in Agriculture: Plant Mineral Nutrition, Health, and Interactions with Soil Microflora	2018	Journal of Agricultural and Food Chemistry	66	33		8647	8661
Charan T.V., Parimi A.M.	Performance of IPFC in a 400kV Transmission Line	2018	Proceedings of the 4th International Conference on Electrical Energy Systems, ICEES 2018			8442381	184	189
Sewak M., Sahay S.K., Rathore H.	Comparison of deep learning and the classical machine learning algorithm for the malware detection	2018	Proceedings - 2018 IEEE/ACIS 19th International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing, SNPD 2018			8441123	293	296
Adhikari N., Amin S.A., Ghosh B., Jha T.	Shedding light on designing potential meprin β inhibitors through ligand-based robust validated computational approaches: A proposal to chemists!	2018	Journal of Biomolecular Structure and Dynamics	36	11		3003	3022
Karton A., Thimmakondur V.S.	CCSDT(Q)/CBS thermochemistry for the D5h \rightarrow D10h isomerization in the C10 carbon cluster: Getting the right answer for the right reason	2018	Chemical Physics Letters	706			19	23

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Kumar S., Nunes R.C., Yadav S.K.	Cosmological bounds on dark matter-photon coupling	2018	Physical Review D	98	4	43521		
Dhongdi S., Bhandari A., Singh J., Kachhadia S., Joshi V.	Joint Clustering and Routing Protocol for 3-D Underwater Acoustic Sensor Network	2018	International Conference on Ubiquitous and Future Networks, ICUFN	2018-July		8436816	415	420
Kachwal V., Vamsi Krishna I.S., Fageria L., Chaudhary J., Kinkar R.R., Chowdhury R., Laskar I.R.	Exploring the hidden potential of a benzothiazole-based Schiff-base exhibiting AIE and ESIP and its activity in pH sensing, intracellular imaging and ultrasensitive & selective detection of aluminium (Al ³⁺)	2018	Analyst	143	15		3741	3748
Sahoo S.K., Dhoot K., Sahoo R.	High performance ternary multiplier using CNTFET	2018	Proceedings of IEEE Computer Society Annual Symposium on VLSI, ISVLSI	2018-July		8429378	269	274
Mahalle G., Kotkunde N., Shah R., Gupta A.K., Singh S.K.	Analysis of Flow Stress Behaviour of Inconel Alloys at Elevated Temperatures Using Constitutive Model	2018	Journal of Physics: Conference Series	1063	1	12037		
Kumar G., Krishna V.S., Sriram D., Jachak S.M.	Synthesis of carbonylhydrazides and carboxamides as anti-tubercular agents	2018	European Journal of Medicinal Chemistry	156			871	884
Pandey K., Rangan K., Kumar A.	One-Pot Tandem Amidation, Knoevenagel Condensation, and Palladium-Catalyzed Wacker Type Oxidation/C-O Coupling: Synthesis of Chromeno-Annulated Imidazopyridines	2018	Journal of Organic Chemistry	83	15		8026	8035
Vijaya Lakshmi P., Musala S., Srinivasulu A., Pal D.	Three novel single-stage full swing 3-input XOR	2018	International Journal of Electronics	105	8		1416	1432
Tripathi B., Sharma B.K.	Effect of variable viscosity on MHD inclined arterial blood flow with chemical reaction	2018	International Journal of Applied Mechanics and Engineering	23	3		767	785
Manasi, Rajesh V., Rajesh N.	Biosorption study of cadmium, lead and zinc ions onto halophilic bacteria and reduced graphene oxide	2018	Journal of Environmental Chemical Engineering	6	4		5053	5060
Mohanty S., Regalla S.P., Y.V. D.R.	Investigation of influence of part inclination and rotation on surface quality in robot assisted incremental sheet metal forming (RAISF)	2018	CIRP Journal of Manufacturing Science and Technology	22			37	48
Shekhawat K.	Enumerating generic rectangular floor plans	2018	Automation in Construction	92			151	165
Begum A.S., Kumar S.S.	Advances in the chemistry and pharmacological potential of coumarinolignans	2018	Topics in Current Chemistry	376	4	34		

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Mada S., Mandalika S.	Analog Implementation of Artificial Neural Networks Using Forward only Computation	2018	AMS 2017 - Asia Modelling Symposium 2017 and 11th International Conference on Mathematical Modelling and Computer Simulation			8424280	3	9
Sen S., Ghosh D., Mohapatra S.	Modulation of polyamine biosynthesis in Arabidopsis thaliana by a drought mitigating Pseudomonas putida strain	2018	Plant Physiology and Biochemistry	129			180	188
Gangaputhiran S., Robinson R.G., Karpurapu R.	Horizontal coefficient of consolidation from inward- And outward-flow tests	2018	Proceedings of the Institution of Civil Engineers: Ground Improvement	171	3		159	166
Begum A.S., Kumar S.S., Gottapu S., Hira K.	O-Glucoside of natural cleomiscosin-A: An attenuator of pro-inflammatory cytokine production	2018	Phytochemistry Letters	26			83	87
Limbasiya T., Garg M., Shandil S.	Advanced verification system using a smart card for smart city users	2018	Physical Communication	29			319	328
Shekhawat K., Duarte J.P.	Introduction to generic rectangular floor plans	2018	Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM	32	3		331	350
Saha A., Pal D.	DPL-based novel Binary-to-ternary converter on CMOS technology	2018	AEU - International Journal of Electronics and Communications	92			69	73
Sreedhar I., Kamani K.M., Kamani B.M., Reddy B.M., Venugopal A.	A Bird's Eye view on process and engineering aspects of hydrogen storage	2018	Renewable and Sustainable Energy Reviews	91			838	860
Kumar S., Aswal V.K., Agrawal R.P., Quoseena M., Jillellamudi C., Kapur S., Toshani N.C.	SNP in KCNQ1 gene is associated with susceptibility to diabetic nephropathy in subjects with type 2 diabetes in India	2018	Journal of Association of Physicians of India	66	August		58	61
Sane P.K., Tambat S., Sontakke S., Nemade P.	Visible light removal of reactive dyes using CeO ₂ synthesized by precipitation	2018	Journal of Environmental Chemical Engineering	6	4		4476	4489

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Limbadi K., Singh S.K., Satyanarayana K., Singh A.K., Ram A.M., Ravindran M., Krishna K.V.M., Reddy M.C., Suresh K.	Orientation-Dependent Tensile Flow Behavior of Zircaloy-4 at Room Temperature	2018	Metallography, Microstructure, and Analysis	7	4		421	433
Reddy A.G., Suresh D., Phaneendra K., Shin J.S., Odelu V.	Provably secure pseudo-identity based device authentication for smart cities environment	2018	Sustainable Cities and Society	41			878	885
Joshi B.C., Arumugasamy P., Bagchi M., Bandyopadhyay D., Basu A., Dhanda Batra N., Bethapudi S., Choudhary A., De K., Dey L., Gopakumar A., Gupta Y., Krishnakumar M.A., Maan Y., Manoharan P.K., Naidu A., Nandi R., Pathak D., Surnis M., Susobhanan A.	Precision pulsar timing with the ORT and the GMRT and its applications in pulsar astrophysics	2018	Journal of Astrophysics and Astronomy	39	4	51		
Chatterjee T., Kim D.I., Cho E.J.	Base-Promoted Synthesis of 2-Aryl Quinazolines from 2-Aminobenzylamines in Water	2018	Journal of Organic Chemistry	83	14		7423	7430
Vudadha C.K., Srinivas M.	Design methodologies for ternary logic circuits	2018	Proceedings of The International Symposium on Multiple-Valued Logic	2018-May			192	197
Ryan P., Patel B., Makwana V., Jadhav H.R., Kiefel M., Davey A., Reekie T.A., Rudrawar S., Kassiou M.	Peptides, Peptidomimetics, and Carbohydrate-Peptide Conjugates as Amyloidogenic Aggregation Inhibitors for Alzheimer's Disease	2018	ACS Chemical Neuroscience	9	7		1530	1551
Szafran M.J., Kołodziej M., Skut P., Medapi B., Domagała A., Trojanowski D., Zakrzewska-Czerwińska J., Sriram D., Jakimowicz D.	Amsacrine derivatives selectively inhibit Mycobacterial topoisomerase I (TopA), impair <i>M. smegmatis</i> growth and disturb chromosome replication	2018	Frontiers in Microbiology	9	JUL	1592		

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Mishra S., Kaur M., Chander S., Murugesan S., Nim L., Arora D.S., Singh P.	Rational modification of a lead molecule: Improving the antifungal activity of indole – triazole – amino acid conjugates	2018	European Journal of Medicinal Chemistry	155			658	669
Dhameliya T.M., Tiwari R., Banerjee A., Pancholia S., Sriram D., Panda D., Chakraborti A.K.	Benzo[d]thiazole-2-carbanilides as new anti-TB chemotypes: Design, synthesis, biological evaluation, and structure-activity relationship	2018	European Journal of Medicinal Chemistry	155			364	380
Misra R., Jakhar S., Agrawal K.K., Sharma S., Jamuwa D.K., Soni M.S., Agrawal G.D.	Field investigations to determine the thermal performance of earth air tunnel heat exchanger with dry and wet soil: Energy and exergetic analysis	2018	Energy and Buildings	171			107	115
Nagesh H.N., Singireddi S., Suresh A., Nizalapur S., Murugesan S., Kanneboina K., Kumar N., Sekhar K.V.G.C.	Sulfur-Assisted Deprotection of Methylene Nitrile Group: One-Pot Synthesis of 4-Substituted-2H-1,2,3-triazoles	2018	ChemistrySelect	3	26		7565	7571
Rana U., Hossain M.D., Chakraborty C., Nagano R., Morita H., Hattori S., Minowa T., Higuchi M.	Long Chain Effects on DNA-Binding and Cytotoxicity to Cancer Cells in Metallo-Supramolecular Oligomers	2018	ChemistrySelect	3	26		7586	7591
Shah P., Samanta G.C., Capozziello S.	Qualitative behavior of cosmological models combining various matter fields	2018	International Journal of Modern Physics A	33	18-19	1850116		
Shailender J., Ravi P.R., Reddy Sirukuri M., Dalvi A., Keerthi Priya O.	Chitosan nanoparticles for the oral delivery of tenofovir disoproxil fumarate: formulation optimization, characterization and ex vivo and in vivo evaluation for uptake mechanism in rats	2018	Drug Development and Industrial Pharmacy	44	7		1109	1119
Aditya D., Kumari R.	Aperture coupled frequency reconfigurable dielectric resonator antenna for wireless applications	2018	2017 IEEE International Conference on Antenna Innovations and Modern Technologies for Ground, Aircraft and Satellite Applications, iAIM 2017				1	5

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Seshadri A., Mathur P., Singh H.	Low RCS microstrip patch array: Em design and performance analysis	2018	2017 IEEE International Conference on Antenna Innovations and Modern Technologies for Ground, Aircraft and Satellite Applications, iAIM 2017				1	5
Chanda U., Kumar A., Kumar Das J.	Fuzzy EOQ model of a high technology product under trial-repeat purchase demand criterion	2018	International Journal of Modelling and Simulation	38	3		168	179
Sarada M., Srinivasulu A., Pal D.	Novel, low-supply, differential XOR/ XNOR with rail-to-rail swing, for hamming-code generation	2018	International Journal of Electronics Letters	6	3		272	287
Kema V.H., Khan I., Kapur S., Mandal P.	Evaluating the effect of diallyl sulfide on regulation of inflammatory mRNA expression in 3T3L1 adipocytes and RAW 264.7 macrophages during ethanol treatment	2018	Drug and Chemical Toxicology	41	3		302	313
Khosa A., Reddi S., Saha R.N.	Nanostructured lipid carriers for site-specific drug delivery	2018	Biomedicine and Pharmacotherapy	103			598	613
Vishwakarma S.K., Kaur R., Panigrahi T.R.	Love wave frequency in an orthotropic crust over a double-layered anisotropic mantle	2018	Soil Dynamics and Earthquake Engineering	110			86	92
Nalband S., Valliappan C.A., Prince A.A., Agrawal A.	Time-frequency based feature extraction for the analysis of vibroarthographic signals	2018	Computers and Electrical Engineering	69			720	731
Bain M., Srinivasan A.	Identification of biological transition systems using meta-interpreted logic programs	2018	Machine Learning	107	7		1171	1206
Athale M., Gupta A.K., Singh S.K., Vaidyanathan A.	Analytical and finite element simulation studies on earing profile of Ti-6Al-4V deep drawn cups at elevated temperatures	2018	International Journal of Material Forming	11	4		479	490
Vudadha C., Srinivas M.B.	Design of High-Speed and Power-Efficient Ternary Prefix Adders Using CNFETs	2018	IEEE Transactions on Nanotechnology	17	4		772	782
Rewatkar P., Bandapati M., Goel S.	Optimized bucky paper-based bioelectrodes for oxygen-glucose fed enzymatic biofuel cells	2018	IEEE Sensors Journal	18	13		5395	5401
Sharma V., Setia A., Agarwal R.P.	Numerical solution for system of Cauchy type singular integral equations with its error analysis in complex plane	2018	Applied Mathematics and Computation	328			338	352

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Tanmay V.S., Patne R., Shankar V.	Stability of plane Couette flow of Carreau fluids past a deformable solid at arbitrary Reynolds numbers	2018	Physics of Fluids	30	7	74103		
Banu S., Bollu R., Nagarapu L., Nanubolu J.B., Yogeswari P., Sriram D., Gunda S.K., Vardhan D.	Design, Synthesis, and in vitro antitubercular activity of 1,2,3-triazolyl-dihydroquinoline derivatives	2018	Chemical Biology and Drug Design	92	1		1315	1323
Aygün S., Aktaş C., Sahoo P.K., Bishi B.K.	Scalar Field Cosmology in $f(R,T)$ Gravity with Λ	2018	Gravitation and Cosmology	24	3		302	307
Kung C.H., Zahiri B., Sow P.K., Mérida W.	On-demand oil-water separation via low-voltage wettability switching of core-shell structures on copper substrates	2018	Applied Surface Science	444			15	27
Dharur S., Swaminathan K.	Efficient surveillance and monitoring using the ELK stack for IoT powered Smart Buildings	2018	Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018				700	705
Pal D., Naik A.G.	Delay estimation, chip-power analyses and comparison of single-level and multi-level recursive vedic algorithm with conventional algorithms for digital multiplier	2018	ICICDT 2018 - International Conference on IC Design and Technology, Proceedings				29	32
Saraf R., Bhavani R.G.	Assessment of daylight performance of a commercial office space in hot, arid climate for enhanced visual comfort conditions	2018	Proceedings of 2017 IEEE International Conference on Technological Advancements in Power and Energy: Exploring Energy Solutions for an Intelligent Power Grid, TAP Energy 2017				1	6
Avadesh M., Goyal N.	Optical character recognition for sanskrit using convolution neural networks	2018	Proceedings - 13th IAPR International Workshop on Document Analysis Systems, DAS 2018				447	452
Debnath S., Nayak J.	Visual odometry data fusion for indoor localization of an unmanned aerial vehicle	2018	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017				279	284

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Ganju S., Dua A.	A survey on power aware protocols for wireless adhoc network	2018	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017				2352	2359
Dhakad S.K., Prasad A., Dwivedi U.	Design of a miniaturized microstrip patch antenna for triple-band operation in X, Ku and K band with band-notch characteristics	2018	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017				2235	2240
Majumdar B.B., Mitra S.	A study on route choice preferences for commuter and non-commuter bicyclists: a case study of Kharagpur and Asansol, India	2018	Transportation				1	27
Sinha D., Roy A., Kumar K.V., Kulkarni P., Soumya J.	Dn-FTR: Fault-tolerant routing algorithm for Mesh based network-on-chip	2018	Proceedings of the 4th IEEE International Conference on Recent Advances in Information Technology, RAIT 2018				1	5
Saxena M., Dua A.	Security solutions against attacks in mobile ad hoc networks and their verification using BAN logic	2018	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017				3188	3193
Singh R., Chaturvedi A., Ramesha C.K.	Smart health-care monitoring system - Optical heart rate monitor	2018	Proceedings of the 4th IEEE International Conference on Recent Advances in Information Technology, RAIT 2018				1	4
Rajagopalan V., Das A., Zhang L., Hillary F., Wylie G.R., Yue G.H.	Fractal dimension brain morphometry: a novel approach to quantify white matter in traumatic brain injury	2018	Brain Imaging and Behavior				1	11
Dubey B., Agarwal S., Kumar A.	Optimal harvesting policy of a prey–predator model with Crowley–Martin-type functional response and stage structure in the predator	2018	Nonlinear Analysis: Modelling and Control	23	4		493	514
Parveen R., Pradhan S., Goveas N.	Design and feasibility study of health related devices using COTS components	2018	Proceedings - 2018 IEEE Industrial Cyber-Physical Systems, ICPS 2018				529	533

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Sahu P., Krishnaswamy S., Ponnani K., Pande N.K.	A thermodynamic approach to selection of suitable hydrate formers for seawater desalination	2018	Desalination	436			144	151
Chattopadhyay A., Saini P., Hakim R., Komanda A., Köppel H.	A computational investigation on the photo-isomerization of 2,4,6-octatriene and its UV-visible spectrum	2018	Chemical Physics	509			98	105
East J., Kumar J., Mitchell J.D., Wilson W.A.	Maximal subsemigroups of finite transformation and diagram monoids	2018	Journal of Algebra	504			176	216
Setia A., Ghosh P., Nair R.R.	Numerical solution of a nonlinear fractional model for hepatitis C by using Haar wavelets	2018	AIP Conference Proceedings	1975				
Tripathi B., Sharma B.K.	Influence of heat and mass transfer on MHD two-phase blood flow with radiation	2018	AIP Conference Proceedings	1975				
Mishra R., Javed A.	ROS based service robot platform	2018	Proceedings - 2018 4th International Conference on Control, Automation and Robotics, ICCAR 2018			8384644	55	59
Kotian S.M., Shubhanga K.N.	Analytical design of static VAR compensator-based subsynchronous damping controller	2018	Proceedings of 2018 IEEE International Conference on Power, Instrumentation, Control and Computing, PICC 2018				1	6
Sajeevan K.A., Roy D.	Peptide Sequence and Solvent as Levers to Control Disulfide Connectivity in Multiple Cysteine Containing Venom Toxins	2018	Journal of Physical Chemistry B	122	22		5776	5789
Sharma S., Mazumdar S., Italiya K.S., Date T., Mahato R.I., Mittal A., Chitkara D.	Cholesterol and Morpholine Grafted Cationic Amphiphilic Copolymers for miRNA-34a Delivery	2018	Molecular Pharmaceutics	15	6		2391	2402
Goel S.	From waste to watts in micro-devices: Review on development of Membraned and Membraneless Microfluidic Microbial Fuel Cell	2018	Applied Materials Today	11			270	279
Guha A., Das P.K.	Constraints on light Dark Matter fermions from relic density consideration and Tsallis statistics	2018	Journal of High Energy Physics	2018	6	139		
Bijeesh M.M., Shakhi P.K., Varier G.K., Nandakumar P.	Tuning the nonlinear optical absorption in Au/BaTiO ₃ nanocomposites with gold nanoparticle concentration	2018	Optics and Laser Technology	102			207	212

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Sajeevan K.A., Roy D.	Aqueous ionic liquids influence the disulfide bond isoform equilibrium in conotoxin AuIB: a consequence of the Hofmeister effect?	2018	Biophysical Reviews	10	3		769	780
Prakash H.	Special issue: Fourth International Conference on Advanced Oxidation Processes (AOP-2016), Dec, 17-20, 2016, at Birla Institute of Technology and Science, Pilani, K K Birla Goa Campus, India	2018	Journal of Environmental Chemical Engineering	6	3		3529	3530
Shree B., Sharma V.	Linc'ing' RNA to DNA repair	2018	Proceedings of the Indian National Science Academy	84	2		521	529
Lohitesh K., Saini H., Srivastava A., Mukherjee S., Roy A., Chowdhury R.	Autophagy inhibition potentiates SAHA-mediated apoptosis in glioblastoma cells by accumulation of damaged mitochondria	2018	Oncology Reports	39	6		2787	2796
Aparna S., Purnima D., Adusumalli R.B.	Effect of Compatibilizer on the Properties of Polyamide 6 Blend Based Carbon Fiber Reinforced Composites	2018	Fibers and Polymers	19	6		1335	1346
Jakhar S., Soni M.S., Boehm R.F.	Thermal modeling of a rooftop photovoltaic/thermal system with earth air heat exchanger for combined power and space heating	2018	Journal of Solar Energy Engineering, Transactions of the ASME	140	3	31011		
Goru S.K., Gaikwad A.B.	Novel reno-protective mechanism of Aspirin involves H2AK119 monoubiquitination and Set7 in preventing type 1 diabetic nephropathy	2018	Pharmacological Reports	70	3		497	502
Josyula S.K., Narala S.K.R.	Study of TiC particle distribution in Al-MMCs using finite element modeling	2018	International Journal of Mechanical Sciences	141			341	358
Mullya S.A., Karthikeyan G.	Accretion behavior and debris flow along interelectrode gap in μ ED-milling process	2018	International Journal of Advanced Manufacturing Technology	96	43443		4381	4392
Nehra P., Khungar B., Singh R.P., Sivasubramanian S.C., Jha P.N., Saini V.	Synthesis, characterization and applications of imidazolium ionic liquid-tagged zinc(II) complex	2018	Inorganica Chimica Acta	478			260	267
Singh S., Patel B.P.	Mathematical Treatise to Model Dihedral Energy in the Multiscale Modeling of Two-Dimensional Nanomaterials	2018	Journal of Applied Mechanics, Transactions ASME	85	6	61003		

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Bhatnagar S., Saju A., Cheerla K.D., Gade S.K., Garg P., Venuganti V.V.K.	Corneal delivery of besifloxacin using rapidly dissolving polymeric microneedles	2018	Drug delivery and translational research	8	3		473	483
Majumdar B.B., Mitra S.	Development of level of service criteria for evaluation of bicycle suitability	2018	Journal of Urban Planning and Development	144	2	401801 2		
Byrne C., Subramanian G., Pillai S.C.	Recent advances in photocatalysis for environmental applications	2018	Journal of Environmental Chemical Engineering	6	3		3531	3555
Singh P., Renival B.S., Vijayvargiya V., Sharma V., Vishvakarma S.K.	Ultra low power-high stability, positive feedback controlled (PFC) 10T SRAM cell for look up table (LUT) design	2018	Integration	62			1	13
Munikumar M., Krishna V.S., Reddy V.S., Rajeswari B., Sriram D., Rao M.V.	In silico design of small peptides antagonist against leptin receptor for the treatment of obesity and its associated immune-mediated diseases	2018	Journal of Molecular Graphics and Modelling	82			20	36
Payili N., Yennam S., Rekula S.R., Naidu C.G., Bobde Y., Ghosh B.	Design, Synthesis, and Evaluation of the Anticancer Properties of Novel Quinone Bearing Carbamyl β -Lactam Hybrids	2018	Journal of Heterocyclic Chemistry	55	6		1358	1365
Chander S., Ashok P., Reguera R.M., Perez-Pertejo M.Y., Carbajo- Andres R., Balana-Fouce R., Gowri Chandra Sekhar K.V., Sankaranaraya nan M.	Synthesis and activity of benzopiperidine, benzopyridine and phenyl piperazine based compounds against Leishmania infantum	2018	Experimental Parasitology	189			49	60
Kalra J., Mangali S.B., Bhat A., Dhar I., Udumula M.P., Dhar A.	Imoxin attenuates high fructose-induced oxidative stress and apoptosis in renal epithelial cells via downregulation of protein kinase R pathway	2018	Fundamental and Clinical Pharmacology	32	3		297	305
Koley M.K., Parsekar S.U., Duraipandy N., Kiran M.S., Varghese B., Manoharan P.T., Koley A.P.	DNA binding and cytotoxicity of two Cu(II) complexes containing a Schiff base ligand along with 1,10-phenanthroline or imidazole as a coligand	2018	Inorganica Chimica Acta	478			211	221

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Suresh A., Srinivasarao S., Agnieszka N., Ewa A.-K., Alvala M., Lherbet C., Chandra Sekhar K.V.G.	Design and synthesis of 9H-fluorenone based 1,2,3-triazole analogues as Mycobacterium tuberculosis InhA inhibitors	2018	Chemical Biology and Drug Design	91	6		1078	1086
Ramachandran R., Ramesh S., Ramkumar S., Chakrabarti A., Roy U.	Calcium Alginate Bead-mediated Enhancement of the Selective Recovery of a Lead Novel Antifungal Bacillomycin Variant	2018	Applied Biochemistry and Biotechnology				1	20
Penjarla T.R., Kundarapu M., Baquer S.M., Bhattacharya A.	Synthesis of 4-Substituted Pyrrolo[2, 3-c]quinolines via Microwave-Assisted C-N Bond Formation	2018	ChemistrySelect	3	19		5386	5389
Rompicharla S.V.K., Kumari P., Ghosh B., Biswas S.	Octa-arginine modified poly(amidoamine) dendrimers for improved delivery and cytotoxic effect of paclitaxel in cancer	2018	Artificial Cells, Nanomedicine and Biotechnology				1	13
KUMAR A.S., YAZIR P., GOPIKA G.G.	CONSUMPTION INEQUALITY IN INDIA AFTER LIBERALIZATION: A CASTE BASED ASSESSMENT	2018	Singapore Economic Review					
Suresh P., Surasani V.K., Sreedhar I.	Investigations at an industrial scale on granule and tablet attributes in high shear rapid mixer granulator	2018	Particulate Science and Technology	36	4		457	463
Sassi F., Belloni A., Mirelman A.J., Suhrcke M., Thomas A., Salti N., Vellakkal S., Visaruthvong C., Popkin B.M., Nugent R.	Equity impacts of price policies to promote healthy behaviours	2018	The Lancet	391	10134		2059	2070
Dhiman S., Nandwana N.K., Saini H.K., Kumar D., Rangan K., Robertson K.N., Jha M., Kumar A.	Nickel-Catalyzed Tandem Knoevenagel Condensation and Intramolecular Direct Arylation: Synthesis of Pyrazolo[5,1-a]-isoquinoline Derivatives	2018	Advanced Synthesis and Catalysis	360	10		1973	1983
Surineni G., Marvadi S.K., Yogeeswari P., Sriram D., Kantevari S.	Dibenzofuran, dibenzothiophene and N-methyl carbazole tethered 2-aminothiazoles and their cinnamamides as potent inhibitors of Mycobacterium tuberculosis	2018	Bioorganic and Medicinal Chemistry Letters	28	9		1610	1614
Sharma R., Sheth P.N.	Multi reaction apparent kinetic scheme for the pyrolysis of large size biomass particles using macro-TGA	2018	Energy	151			1007	1017

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Kummari B., Ramesh P., Parsharamulu R., Allaka T.R., Anantaraju H., Yogeewari P., Balasubramanian S., Guggilapu S.D., Babu B.N., Anireddy J.S.	Design and Synthesis of New Etodolac-Pyridazinones as Potent Anticancer Agents Using Pb(OAc) ₄ to Assist N-N Bond Formation	2018	ChemistrySelect	3	18		5050	5054
Banerjee S., Phadte A.A., Chattopadhyay A., Bhavana P., Singh K.S.	Synthesis of Push-Pull Phenazines Possessing pH-Responsive Absorption Spectra and their Application in Selective Detection of Fe ³⁺ Ions and Aromatics	2018	Synlett	29	8		1014	1019
Bhalla P., Pratap S.	Aspects of electron transport in zigzag graphene nanoribbons	2018	International Journal of Modern Physics B	32	12	1850148		
Cariappa K.S., Shukla R., Sarkar N.	Investigation of the effect of scattering centers on low dimensional nanowire channel	2018	AIP Conference Proceedings	1953		140065		
Anwar K., Deshmukh S.	Use of Artificial Neural Networks for Prediction of Solar Energy Potential in Southern States of India	2018	Proceedings - 2018 2nd International Conference on Green Energy and Applications, ICGEA 2018				63	68
Sahay R., Geethakumari G., Modugu K.	Attack graph-Based vulnerability assessment of rank property in RPL-6LOWPAN in IoT	2018	IEEE World Forum on Internet of Things, WF-IoT 2018 - Proceedings	2018-January			308	313
Raju K.S., Kumar D.N.	Foreword	2018	ISH Journal of Hydraulic Engineering	24	2		115	
Rameshwar V.A., Aditya D., Balasubramanian M., Lakshmi U.P., Pattnaik P.K.	Effect of longitudinal and shear stress on photonic crystal based ring resonator	2018	2018 3rd International Conference on Microwave and Photonics, ICMAP 2018	2018-January			1	2
Purushothaman D., Yanamundra K.K., Krishnan G., Perisamy C.	Study of Surface Roughness and Cutting force in machining for 6068 Aluminium alloy	2018	IOP Conference Series: Materials Science and Engineering	346	1	12074		
Udayakumar D.R., Ram Karthikeyan D., Kothari K.M., Samba V., Tania K., Udayakumar R., Karthikeyan R.	AUTOMATION of UNDERGROUND CABLE LAYING EQUIPMENT USING PLC and HMI	2018	IOP Conference Series: Materials Science and Engineering	346	1	12080		

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Pillai N., Karthikeyan R.	Prediction of ttt curves of cold working tool steels using support vector machine model	2018	IOP Conference Series: Materials Science and Engineering	346	1	12067		
Mani C., Karthikeyan R., Vincent S.	A study on corrosion resistance of dissimilar welds between Monel 400 and 316L austenitic stainless steel	2018	IOP Conference Series: Materials Science and Engineering	346	1	12025		
Vishal Naranje D., Yanamundra K.K., Karthikeyan R., Naranje V.	Finite element simulation and Experimental verification of Incremental Sheet metal Forming	2018	IOP Conference Series: Materials Science and Engineering	346	1	12075		
Gidwani A., James S., Jagtap S., Karthikeyan R., Vincent S.	Effect of Entropy Generation on Wear Mechanics and System Reliability	2018	IOP Conference Series: Materials Science and Engineering	346	1	12076		
Subin M.C., Lourence J.S., Karthikeyan R., Periasamy C.	Analysis of materials used for Greenhouse roof covering - Structure using CFD	2018	IOP Conference Series: Materials Science and Engineering	346	1	12068		
Saldanha S.L., Kalaichelvi V., Karthikeyan R.	Prediction Analysis of Weld-Bead and Heat Affected Zone in TIG welding using Artificial Neural Networks	2018	IOP Conference Series: Materials Science and Engineering	346	1	12038		
Pillai N., Karthikeyan R.	Effect of Deep Cryogenic treatment on AISI A8 Tool steel & Development of Wear Mechanism maps using Fuzzy Clustering	2018	IOP Conference Series: Materials Science and Engineering	346	1	12006		
Nalband S., Prince A., Agrawal A.	Entropy-based feature extraction and classification of vibroarthrographic signal using complete ensemble empirical mode decomposition with adaptive noise	2018	IET Science, Measurement and Technology	12	3		350	359
Bhatnagar S., Kumari P., Pattarabhiran S.P., Venuganti V.V.K.	Zein Microneedles for Localized Delivery of Chemotherapeutic Agents to Treat Breast Cancer: Drug Loading, Release Behavior, and Skin Permeation Studies	2018	AAPS PharmSciTech	19	4		1818	1826
Chavan R., Mutnuri S.	Tertiary treatment of domestic wastewater by <i>Spirulina platensis</i> integrated with microalgal biorefinery	2018	Biofuels				1	12
Regalla S.P., Krishnan Anirudh V., Narala S.K.R.	Tribological performance of Zinc soft metal coatings in solid lubrication	2018	IOP Conference Series: Materials Science and Engineering	346	1	12022		

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Manuka R., Saddhe A.A., Kumar K.	Expression of OsWnk9 in Arabidopsis conferred tolerance to salt and drought stress	2018	Plant Science	270			58	71
Sharma N., Das S.	Social fairness and channel loading effects in peer-to-peer connected networks	2018	Peer-to-Peer Networking and Applications	11	3		450	461
Guha A., Das P.K.	An extensive study of Bose–Einstein condensation in liquid helium using Tsallis statistics	2018	Physica A: Statistical Mechanics and its Applications	497			272	284
Shinde R.B., Mali K.D.	An Overview on Impact Behaviour and Energy Absorption of Collapsible Metallic and Non-Metallic Energy Absorbers used in Automotive Applications	2018	IOP Conference Series: Materials Science and Engineering	346	1	12054		
Jadhav P.M., Kumar Reddy N.S.	Wear behavior of carbide tool coated with Yttria-stabilized zirconia nano particles.	2018	IOP Conference Series: Materials Science and Engineering	346	1	12007		
Matharasala G., Samala G., Perumal Y.	Mg17, A novel triazole derivative abrogated neuroinflammation and related neurodegenerative symptoms in rodents	2018	Current Molecular Pharmacology	11	2		122	132
Cheera V., Nigam R.	Effects of primordial magnetic field on the formation rate of dark matter halos	2018	Astrophysics and Space Science	363	5	93		
Uday Kumar A., Javed A., Dubey S.K.	Material Selection for Microchannel Heatsink: Conjugate Heat Transfer Simulation	2018	IOP Conference Series: Materials Science and Engineering	346	1	12024		
Muddineti O.S., Kumari P., Ghosh B., Biswas S.	Transferrin-Modified Vitamin-E/Lipid Based Polymeric Micelles for Improved Tumor Targeting and Anticancer Effect of Curcumin	2018	Pharmaceutical Research	35	5	97		
Khairnar V.V., Kadam B.V., Ramesha C.K., Gudino L.J.	A reconfigurable parasitic antenna with continuous beam scanning capability in H-plane	2018	AEU - International Journal of Electronics and Communications	88			78	86
Mullya S.A., Karthikeyan G.	Dielectric flow observation at inter-electrode gap in micro-electro-discharge-milling process	2018	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	232	6		1079	1089
Thomas K., Vincent S., Barbadikar D., Kumar S., Anwar R., Fernandes N.	Corrosion Characterization in Nickel Plated 110 ksi Low Alloy Steel and Incoloy 925: An Experimental Case Study	2018	IOP Conference Series: Materials Science and Engineering	346	1	12010		

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Kumar S., Anwar R., Ryu W., Park E.S., Vincent S.	Biocorrosion Evaluation on a Zr-Cu-Ag-Ti Metallic Glass	2018	IOP Conference Series: Materials Science and Engineering	346	1	12009		
Barbadikar D.R., Vincent S., Ballal A.R., Peshwe D.R., Mathew M.D.	Optimization of BI test parameters to investigate mechanical properties of Grade 92 steel	2018	IOP Conference Series: Materials Science and Engineering	346	1	12069		
Qureshi W., Kannan S., Vincent S., Eddine N.N., Muhammed A., Gupta M., Karthikeyan R., Badari V.	Influence of silica nanospheres on corrosion behavior of magnesium matrix syntactic foam	2018	IOP Conference Series: Materials Science and Engineering	346	1	12012		
Kannan S., Pervaiz S., Vincent S., Karthikeyan R.	Tool life and surface integrity aspects when drilling nickel alloy	2018	IOP Conference Series: Materials Science and Engineering	346	1	12042		
Wahed M.A., Gupta A.K., Singh S.K., Kotkunde N.	Effect of anisotropy on mechanical properties of Ti-6Al-4V in superplastic region	2018	IOP Conference Series: Materials Science and Engineering	346	1	12023		
Dutta H., Srinivasan A.	Consensus-based modeling using distributed feature construction with ILP	2018	Machine Learning	107	5		825	858
Hazarika M.M., Ramgopal M., Bhattacharyya S.	Studies on a transcritical R744 based summer air-conditioning unit: Impact of refrigerant charge on system performance [Études sur une unité de conditionnement d'air d'été au R744 transcritique: Impact de la charge de frigorigène sur la performance d'un système]	2018	International Journal of Refrigeration	89			22	39
Alluri K.K., Reshma R.S., Suraparaju R., Gottapu S., Sriram D.	Synthesis and evaluation of 4',5'-dihydrospiro[piperidine-4,7'-thieno[2,3-c]pyran] analogues against both active and dormant Mycobacterium tuberculosis	2018	Bioorganic and Medicinal Chemistry	26	8		1462	1469
Mishra B., Tripathy S.K., Ray P.P.	Bianchi-V string cosmological model with dark energy anisotropy	2018	Astrophysics and Space Science	363	5	86		
Yadav S., Pani A.K.	Superconvergence of a class of expanded discontinuous Galerkin methods for fully nonlinear elliptic problems in divergence form	2018	Journal of Computational and Applied Mathematics	333			215	234
Vudadha C., Parlapalli S.P., Srinivas M.B.	Energy efficient design of CNFET-based multi-digit ternary adders	2018	Microelectronics Journal	75			75	86

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Gupta D., Kumar M., Gupta V.	An in vitro investigation of antimicrobial efficacy of Euphorbia Hirta and Murraya koenigii against selected pathogenic microorganisms	2018	Asian Journal of Pharmaceutical and Clinical Research	11	5		359	363
Dua A., Kumar N., Das A.K., Susilo W.	Secure message communication protocol among vehicles in smart city	2018	IEEE Transactions on Vehicular Technology	67	5		4359	4373
Maitra S., Sinha N., Siddhanti A., Anand R., Gangopadhyay S.	A TMDTO attack against lizard	2018	IEEE Transactions on Computers	67	5		733	739
Reddy Paturi U.M., Devarasetti H., Fadare D.A., Reddy Narala S.K.	Application of Artificial Neural Network and Response Surface Methodology in Modeling of Surface Roughness in WS2 Solid Lubricant Assisted MQL Turning of Inconel 718	2018	IOP Conference Series: Materials Science and Engineering	346	1	12085		
Reddy V.S., Madala S.K., Trinath J., Reddy G.B.	Extracellular small heat shock proteins: exosomal biogenesis and function	2018	Cell Stress and Chaperones	23	3		441	454
Robinson Smart D.S., Smart J.J., Periasamy C., Samuel Ratna Kumar P.S.	Investigations of Effect of Rotary EDM Electrode on Machining Performance of Al6061 Alloy	2018	IOP Conference Series: Materials Science and Engineering	346	1	12064		
Sharma A., Khan R., Catanante G., Sherazi T.A., Bhand S., Hayat A., Marty J.L.	Designed strategies for fluorescence-based biosensors for the detection of mycotoxins	2018	Toxins	10	5	197		
Desai J., Faure A., Michailidis G., Parry G., Estevez R.	Topology optimization in acoustics and elasto-acoustics via a level-set method	2018	Journal of Sound and Vibration	420			73	103
Venkataramana babu S., Nair G., Deshpande P., Jithin M.A., Mohan S., Ghosh A.	Chiro-plasmonic refractory metamaterial with titanium nitride (TiN) core-shell nanohelices	2018	Nanotechnology	29	25	255203		
Ashok P., Chander S., Smith T.K., Sankaranarayanan M.	Design, synthesis and biological evaluation of piperazinyl- β -carboline derivatives as anti-leishmanial agents	2018	European Journal of Medicinal Chemistry	150			559	566

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Divakara M.K., Abdul Rajak A.R.	Throughput analysis in mobile adhoc network: A literature survey	2018	MATEC Web of Conferences	167		1004		
Amrithesh, Misra S.C., Chatterje J.	Quality framework for credence-based informational services: Applying Kano's method	2018	Total Quality Management and Business Excellence	29	43132		116	147
Das D.	Secure cloud computing algorithm using homomorphic encryption and multi-party computation	2018	International Conference on Information Networking	2018-January			391	396
Joshi A., Dhongdi S., Ankit, Anupama K.R.	Joint clustering and routing protocol for static 3D wireless sensor networks	2018	International Conference on Information Networking	2018-January			368	373
Vasudev H., Das D.	A trust based secure communication for software defined VANETs	2018	International Conference on Information Networking	2018-January			316	321
Shukla P., Singh S., Joshi T., Kumar S., Kelkar S., Das M.R., Moudgalya K.M.	Design and development of a MODBUS automation system for industrial applications	2018	2017 6th International Conference on Computer Applications in Electrical Engineering - Recent Advances, CERA 2017	2018-January			515	520
Damera D.P., Venuganti V.V.K., Nag A.	Deciphering the Role of Bilayer of a Niosome towards Controlling the Entrapment and Release of Dyes	2018	ChemistrySelect	3	14		3930	3938
Srivastava K., Panda A., Sharma S., Singh H.B.	Telluroxanes: Synthesis, structure and applications	2018	Journal of Organometallic Chemistry	861			174	206
Joshi R., Mukherjee D.D., Chakrabarty S., Martin A., Jadhao M., Chakrabarti G., Sarkar A., Ghosh S.K.	Unveiling the Potential of Unfused Bichromophoric Naphthalimide to Induce Cytotoxicity by Binding to Tubulin: Breaks Monotony of Naphthalimides as Conventional Intercalators	2018	Journal of Physical Chemistry B	122	14		3680	3695
Sharma N., Dalvi A.	New generation Li ⁺ NASICON glass-ceramics for solid state Li ⁺ ion battery applications	2018	AIP Conference Proceedings	1942		140006		
Jonnalagadda J.M.	Asymptotic stability for 2x2 fractional nabla difference systems	2018	International Journal of Dynamics and Control				1	4

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Patil R., Naringe A., Kalyana Rama J.S.	Novel Techniques for Seismic Performance of High Rise Structures in 21st Century: State-Of-The Art Review	2018	IOP Conference Series: Materials Science and Engineering	330	1	12126		
Gireesh Kumar S., Satya J., Mittal K., Raju S.	Design of a bituminous mixture for perpetual pavement	2018	IOP Conference Series: Materials Science and Engineering	330	1	12132		
Mali K.D., Singru P.M.	Study on the Effect of the Impact Location and the Type of Hammer Tip on the Frequency Response Function (FRF) in Experimental Modal Analysis of Rectangular Plates	2018	IOP Conference Series: Materials Science and Engineering	330	1	12102		
Nalla V., Shaikh A., Bapat S., Vyas R., Karthikeyan M., Yogeewari P., Sriram D., Muthukrishnan M.	Identification of potent chromone embedded [1,2,3]-triazoles as novel anti-tubercular agents	2018	Royal Society Open Science	5	4	171750		
Kumar N., Desagani D., Chandran G., Ghosh N.N., Karthikeyan G., Waigaonkar S., Ganguly A.	Biocompatible agarose-chitosan coated silver nanoparticle composite for soft tissue engineering applications	2018	Artificial Cells, Nanomedicine and Biotechnology	46	3		637	649
Mishra A.K.	Household Income Inequality and Income Mobility: Implications Towards Equalizing Longer-Term Incomes in India	2018	International Economic Journal	32	2		271	290
Muthalagu R., Sudheer R., Ibrahim S.	FPGA implementation of optimized QPSK and OQPSK using VHDL	2018	Journal of Communications	13	4		182	186
Gupta R.S.	Risk Management and Intellectual Property Protection in Outsourcing	2018	Global Business Review	19	2		393	406
Soman B., Challagulla S., Payra S., Dinda S., Roy S.	Surface morphology and active sites of TiO ₂ for photoassisted catalysis	2018	Research on Chemical Intermediates	44	4		2261	2273
Godinho A., Singh T.	Some distance magic graphs	2018	AKCE International Journal of Graphs and Combinatorics	15	1		1	6
Guha A., Das P.K.	q-deformed Einstein's model to describe specific heat of solid	2018	Physica A: Statistical Mechanics and its Applications	495			18	29

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Kesavamoorthi R., Kumar R.R., Raja C.R.	Synthesis and Characterization of Sol–Gel Auto Combustion-Derived Ce/Zr-Substituted Strontium Hexaferrite Nanoparticles	2018	Journal of Superconductivity and Novel Magnetism	31	4		1259	1264
Sinha S., Mary Lourde R., Sarma T.V.C., Pillai J.S., Tuckley K.R.	Spectral feature-based classification of wind profiler power spectra	2018	IEEE Transactions on Geoscience and Remote Sensing	56	4		2138	2146
Yang Y., Urolagin S., Niroula A., Ding X., Shen B., Vihinen M.	Pon-tstab: Protein variant stability predictor. importance of training data quality	2018	International Journal of Molecular Sciences	19	4	1009		
Sinha S., Regeena M.L., Sarma T.V.C., Hashiguchi H., Tuckley K.R.	Doppler Profile Tracing Using MPCF on MU Radar and Sodar: Performance Analysis	2018	IEEE Geoscience and Remote Sensing Letters	15	4		508	511
Mondal M., Kumbhar G.B.	Generalized analytical formulae to compute electrical characteristics of a homogenous ladder network of the transformer winding	2018	International Journal of Circuit Theory and Applications	46	4		911	925
Satya Suresh V.V.N., Regalla S.P., Gupta A.K.	Optimum parameters to minimize weld line movement in the warm forming of tailor-welded blanks	2018	Journal of the Brazilian Society of Mechanical Sciences and Engineering	40	4	234		
Samanta G.C., Goel M., Myrzakulov R.	Strength of the singularities, equation of state and asymptotic expansion in Kaluza–Klein space time	2018	New Astronomy	60			74	79
Yadav A., Chazarenc F., Mutnuri S.	Development of the “French system” vertical flow constructed wetland to treat raw domestic wastewater in India	2018	Ecological Engineering	113			88	93
Saha S., Mitra M., Sarkar A., Banerjee D., Ganguly S., Kargupta K.	Lithium assisted enhanced hydrogenation of reduced graphene oxide-PANI nanocomposite at room temperature	2018	Diamond and Related Materials	84			103	111
Raja Sekhara Rao P., Venkata Ratnam K., Lalitha P.	Food-Consumer Interactions: Role of Time – Varying Key Parameters – a New Perspective	2018	Computational Mathematics and Modeling	29	2		153	167
Shekhar C., Jain M., Raina A.A., Iqbal J.	Reliability prediction of fault tolerant machining system with reboot and recovery delay	2018	International Journal of Systems Assurance Engineering and Management	9	2		377	400
Penumakala P.K., Nallathambi A.K., Specht E., Urlau U., Hamilton D., Dykes C.	Influence of process parameters on solidification length of twin-belt continuous casting	2018	Applied Thermal Engineering	134			275	286

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Sahoo P.K., Sahoo P., Bishi B.K., Aygün S.	Magnetized strange quark matter in $f(R, T)$ gravity with bilinear and special form of time varying deceleration parameter	2018	New Astronomy	60			80	87
Thakur A., Sathiyarayanan R., Hota C.	STEEP: speed and time-based energy efficient neighbor discovery in opportunistic networks	2018	Wireless Networks				1	22
Das D.	Distributed algorithm for geographic opportunistic routing in VANETs at road intersection	2018	Proceedings - 2017 IEEE 15th International Conference on Dependable, Autonomic and Secure Computing, 2017 IEEE 15th International Conference on Pervasive Intelligence and Computing, 2017 IEEE 3rd International Conference on Big Data Intelligence and Computing and 2017 IEEE Cyber Science and Technology Congress, DASC-PICom-DataCom-CyberSciTec 2017	2018-January			1202	1209
Talasila P., Asifullah S., Goveas N., Deshpande B.	Transit timetables as multi-layer networks	2018	2018 10th International Conference on Communication Systems and Networks, COMSNETS 2018	2018-January			625	630
Adimulam M.K., Kapoor A., Veeramachani S., Srinivas M.B.	An ultra low power, 10-bit two-step flash ADC for signal processing applications	2018	Proceedings of the IEEE International Conference on VLSI Design	2018-January			19	24
Vittapu S.K., Chattejee S.K.	A new one bit transform for low complexity block based motion estimation for HEVC	2018	Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017	2018-January			482	485
Mishra B., Tripathy S.K., Tarai S.	Cosmological models with a hybrid scale factor in an extended gravity theory	2018	Modern Physics Letters A	33	9	1850052		
Muniswamy V., Muniraju C.B., Pattnaik P.K., Krishnaswamy N.	Modeling and analysis of an opto-fluidic sensor for lab-on-a-chip applications	2018	Micromachines	9	3	134		

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Krishnaswamy S., Deshpande A., Ponnani K.N.	Modeling of unmixed combustion based packed bed reactor system for heat transfer applications	2018	Chemical Engineering Science	178			367	376
Sreenivasulu B., Sreedhar I., Singh A.S., Venugopal A.	Calcination Thermokinetics of Carbon Capture Using Coal Fly Ash Stabilized Sorbent	2018	Energy and Fuels	32	3		3716	3725
Sravva R.V., Kumari R.	Gain enhancement of patch antenna using L-slotted mushroom EBG	2018	2018 Conference on Signal Processing And Communication Engineering Systems, SPACES 2018	2018-January			37	40
Sathvika T., Mudaliyar M., Rajesh V., Rajesh N.	Leveraging the Potential of Endomycorrhizal Spores and Montmorillonite for Hexavalent Chromium Adsorption from Aqueous Phase	2018	ChemistrySelect	3	10		2747	2755
Talasila P., Haldar A., Pai S.S., Goveas N., Deshpande B.M.	Multimodal transit scheduler: An actor-based concurrent approach	2018	IEEE Conference on Intelligent Transportation Systems, Proceedings, ITSC	2018-March			1	6
Sangwan K.S., Choudhary K.	Benchmarking environmental performance of electric insulator supply chain in India using life cycle assessment	2018	International Journal of Life Cycle Assessment				1	12
Mediesse F.K., Boudjeko T., Hasitha A., Gangadhar M., Mbacham W.F., Yogeewari P.	Inhibition of lipopolysaccharide (LPS)-induced neuroinflammatory response by polysaccharide fractions of Khaya grandifoliola (C.D.C.) stem bark, Cryptolepis sanguinolenta (Lindl.) Schltr and Cymbopogon citratus Stapf leaves in raw 264.7 macrophages and U87 glioblastoma cells	2018	BMC Complementary and Alternative Medicine	18	1	86		
Subramaniam A.	A neuromorphic approach to image processing and machine vision	2018	2017 4th International Conference on Image Information Processing, ICIIP 2017	2018-January			68	73
Shaik M.M., Kowshik M.	Ellagic acid containing collagen-chitosan scaffolds as potential antioxidative bio-materials for tissue engineering applications	2018	International Journal of Polymeric Materials and Polymeric Biomaterials				1	8
Ahmed S.E., Srinivas M.B.	An Improved Logarithmic Multiplier for Media Processing	2018	Journal of Signal Processing Systems				1	14
Urolagin S., Nayak J., Satish L.	A method to generate text summary by accounting pronoun frequency for keywords weightage computation	2018	Proceedings of 2017 International Conference on Engineering and Technology, ICET 2017	2018-January			1	4

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Kumar D., Nandan B.R., Mathur H.D., Bhanot S.	Robust controller synthesis for frequency regulation in islanded microgrid	2018	Asia-Pacific Power and Energy Engineering Conference, APPEEC	2017-November			1	6
Josyula S.K., Narala S.K.R.	Performance enhancement of cryogenic machining and its effect on tool wear during turning of Al-Ti ₂ Cp composites	2018	Machining Science and Technology	22	2		225	248
Anand S., Muthusamy A., Dineshkumar S., Kannapiran N.	Synthesis, characterization, optical, thermal and electrical properties of polybenzimidazoles	2018	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	55	3		243	252
Yelampalli P.K.R., Nayak J., Gaidhane V.H.	Medical image rigid registration using a novel binary feature descriptor and modified affine transform	2018	IET Image Processing	12	3		337	344
Sahoo P., Reddy R.	LRS Bianchi Type-I Bulk Viscous Cosmological Models in f(R, T) Gravity	2018	Astrophysics	61	1		134	143
Shukla S., Radhakrishnan T., Muthukumar K., Neti L.B.M.	Multi-objective cross-version defect prediction	2018	Soft Computing	22	6		1959	1980
Sharma N., Dalvi A.	Mechanical milling assisted synthesis of novel LiTi ₂ (PO ₄) ₃ -glass-ceramic nanocomposites	2018	Journal of Non-Crystalline Solids	483			126	133
Balavignesh V.N., Gundepudi B., Sabareesh G.R., Vamsi I.	Comparison of conventional method of fault determination with data-driven approach for ball bearings in a wind turbine gearbox	2018	International Journal of Performability Engineering	14	3		397	412
Makkena G., Srinivas M.B.	Nonlinear Sequence Transformation-Based Continuous-Time Wavelet Filter Approximation	2018	Circuits, Systems, and Signal Processing	37	3		965	983
GuhaRay A., Mondal S., Mohiuddin H.H.	Reliability Analysis of Retaining Walls Subjected to Blast Loading by Finite Element Approach	2018	Journal of The Institution of Engineers (India): Series A	99	1		95	102
Cheruvalath R.	Internet Neutrality: A Battle Between Law and Ethics	2018	International Journal for the Semiotics of Law	31	1		145	153
Geetha K.A.	Stripping Illusions and mirroring realities: Ed bullins, the absurdist	2018	IUP Journal of English Studies	13	1		23	32
Chaudhuri R.G., Chaturvedi A., Iype E.	Visible light active 2D C ₃ N ₄ -CdS hetero-junction photocatalyst for effective removal of azo dye by photodegradation	2018	Materials Research Express	5	3	36202		
Nittala R., Parimi A.M., Uma Rao K.	Experimental prototype model of IDVR for bidirectional voltage compensation	2018	International Journal of Power Electronics and Drive Systems	9	1		297	304

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Chintamani M.N., Paul P.	On some weighted zero-sum constants II	2018	International Journal of Number Theory	14	2		383	397
Vudadha C., Rajagopalan S., Dusi A., Phaneendra P.S., Srinivas M.B.	Encoder-based optimization of CNFET-based ternary logic circuits	2018	IEEE Transactions on Nanotechnology	17	2		299	310
Singh S., Patel B.P.	Nonlinear elastic properties of graphene sheet using MM3 potential under finite deformation	2018	Composites Part B: Engineering	136			81	91
Ahmed S.E., Varma S., Srinivas M.B.	Improved designs of digit-by-digit decimal multiplier	2018	Integration	61			150	159
Singh M., Jadhav H.R.	Targeting non-small cell lung cancer with small-molecule EGFR tyrosine kinase inhibitors	2018	Drug Discovery Today	23	3		745	753
Kotkunde N., Krishnamurthy H.N., Singh S.K., Jella G.	Experimental and Numerical Investigations on Hot Deformation Behavior and Processing Maps for ASS 304 and ASS 316	2018	High Temperature Materials and Processes					
Uppugunduri S.R., Rasheed M.A., Richhariya A., Jana S., Chhablani J., Vupparaboina K.K.	Automated quantification of Haller's layer in choroid using swept-source optical coherence tomography	2018	PLoS ONE	13	3	e0193324		
Mishra B., Tarai S., Pacif S.K.J.	Dynamics of Bianchi VII universe with bulk viscous fluid in modified gravity	2018	International Journal of Geometric Methods in Modern Physics	15	3	1850036		
Sabareesh G.R., Cao S., Wang J., Matsui M., Tamura Y.	Effect of building proximity on external and internal pressures under tornado-like flow	2018	Wind and Structures, An International Journal	26	3		163	177
Hussaindeen J.R., Rakshit A., Singh N.K., Swaminathan M., George R., Kapur S., Scheiman M., Ramani K.K.	The minimum test battery to screen for binocular vision anomalies: report 3 of the BAND study	2018	Clinical and Experimental Optometry	101	2		281	287
Joshi J., Medikonda P., Raja R.S., Das D.	Sub-gigahertz technologies based fast message delivery in VANETs	2018	IEEE Student Conference on Research and Development: Inspiring Technology for Humanity, SCORed 2017 - Proceedings	2018-January			269	274

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Shah P., Kanniganti A., Soumya J.	Fault-tolerant application specific Network-on-Chip design	2018	2017 7th International Symposium on Embedded Computing and System Design, ISED 2017	2018- January			1	5
Raghukiran N., Sujith R., Agrawal H., Shabadi R., Kumar R.	In situ age hardening and grain refinement in as-sprayed Al-Sc binary alloy deposits	2018	Journal of Alloys and Compounds	735			1596	1602
Chidambaram M., Dhanya Ram V.	SSGM Based Multivariable Control of Unstable Non-Square Systems	2018	Chemical Product and Process Modeling	13	1			
Dave A., Lekshmi C.A.	Eye-ball tracking system for motor-free control of mouse pointer	2018	Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017	2018- January			1043	1047
Pradhan M., Sharma N.	Adaptive orthogonal frequency division multiplexing simulation for under water communication	2018	Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017	2018- January			382	385
Krishna P.V.K., Pattnaik P.K.	Robust DCN design for optical transport network resilience	2018	Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017	2018- January			1540	1544
Swain R.R., Khilar P.M., Dash T.	Neural network based automated detection of link failures in wireless sensor networks and extension to a study on the detection of disjoint nodes	2018	Journal of Ambient Intelligence and Humanized Computing				1	18
Dhakad S.K., Dwivedi U., Bhandari T.	Design and analysis of reconfigurable antenna using PIN diodes for multi band WLAN applications	2018	Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017	2018- January			1705	1708
Sahoo S.K., Akhilesh G., Sahoo R.	Design of a high performance carry generation circuit for ternary full adder using CNTFET	2018	Proceedings - 2017 IEEE International Symposium on Nanoelectronic and Information Systems, iNIS 2017	2018- February		829390 2	46	49

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Anirudh G.S., Soumya J.	Routing algorithm for application-specific network-on-chip with irregular core sizes	2018	Proceedings - 2017 IEEE International Symposium on Nanoelectronic and Information Systems, iNIS 2017	2018-February		8293904	56	60
Kishore R., Ramesha C.K., Gurugopinath S., Sangodkar E.	Energy efficiency optimization for superior selective reporting-based spectrum sensing	2018	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC	2017-October			1	6
Malapati P., Krishna V.S., Nallangi R., Srilakshmi R.R., Sriram D.	Identification and development of benzoxazole derivatives as novel bacterial glutamate racemase inhibitors	2018	European Journal of Medicinal Chemistry	145			23	34
Date T., Nimbalkar V., Kamat J., Mittal A., Mahato R.I., Chitkara D.	Lipid-polymer hybrid nanocarriers for delivering cancer therapeutics	2018	Journal of Controlled Release	271			60	73
Gupta N., Ashwin R.	Material selection methodology for radio frequency (RF) microelectromechanical (MEMS) capacitive shunt switch	2018	Microsystem Technologies				1	8
Muddineti O.S., Vanaparathi A., Rompicharla S.V.K., Kumari P., Ghosh B., Biswas S.	Cholesterol and vitamin E-conjugated PEGylated polymeric micelles for efficient delivery and enhanced anticancer activity of curcumin: evaluation in 2D monolayers and 3D spheroids	2018	Artificial Cells, Nanomedicine and Biotechnology				1	14
Reddy Y.R., Varma V., Cleland J.H., Bellur U., Sengupta S., Sharma N., Loganathan R., Sharma R., Sarkar S.	Preface	2018	ACM International Conference Proceeding Series					
Gawas M.A., Modi K., Hurkat P., Gudino L.J.	QoS based multipath routing in MANET: A cross layer approach	2018	Proceedings of the 2017 IEEE International Conference on Communication and Signal Processing, ICCSP 2017	2018-January			1806	1812
Shenoy M.V., Anupama K.R., Manjrekar N., Shamsi M.M.	Indoor localization in NLOS conditions using asynchronous WSN and neural network	2018	Proceedings of the 2017 IEEE International Conference on Communication and Signal Processing, ICCSP 2017	2018-January			2130	2134

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Baudha S., Pavan P.S.	Triple circular patch antenna for X-band	2018	Proceedings of the 2017 IEEE International Conference on Communication and Signal Processing, ICCSP 2017	2018-January			1052	1056
Gupta V., Shah S., Shrivastava S.	Secure domain name service in software defined network	2018	20th International Conference of Computer and Information Technology, ICCIT 2017	2018-January			1	6
Das A., Ghosh P., Ganguly S., Banerjee D., Kargupta K.	Salt-leaching technique for the synthesis of porous poly(2,5-benzimidazole) (ABPBI) membranes for fuel cell application	2018	Journal of Applied Polymer Science	135	5	45773		
Bhattachamishra S.	Deep probabilistic NMF using denoising autoencoders	2018	International Journal of Machine Learning and Computing	8	1		49	53
Shenoy M.V., Anupama K.R.	Swarm-Sync: A distributed global time synchronization framework for swarm robotic systems	2018	Pervasive and Mobile Computing	44			1	30
Bhatnagar A., Bandyopadhyay D.	Characterization of cysteine thiol modifications based on protein microenvironments and local secondary structures	2018	Proteins: Structure, Function and Bioinformatics	86	2		192	209
Lolla A.	Mantras Help the General Psychological Well-Being of College Students: A Pilot Study	2018	Journal of Religion and Health	57	1		110	119
Singru P., Krishnakumar V., Natarajan D., Raizada A.	Bearing failure prediction using wigner-ville distribution, modified poincare mapping and fast fourier transform	2018	Journal of Vibroengineering	20	1		127	137
Rodrigues R., Upadhyay S.	Measuring Factors that cause Communication Apprehension in an English as Second Language (ESL) setting: Presenting a new instrument in a pilot study	2018	Asian EFL Journal	20	2		206	219
Sharma A., Kumar D., Manohar P.U., Pande S., Dalvi A., Shukla P.	Functionalized pyranopyrazole molecules as corrosion inhibitors for mild copper metal in HCl solution: Synthesis, theoretical studies, and physical investigations	2018	Materials Research Express	5	2	25101		
Muthalagu R.	Literature survey for transceiver design in MIMO and OFDM systems	2018	Journal of Communications	13	2		45	59
Gaidhane V.H., Hote Y.V., Singh V.	An efficient similarity measure approach for PCB surface defect detection	2018	Pattern Analysis and Applications	21	1		277	289

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Dubey P., Dubey U.S., Dubey B.	Modeling the role of acquired immune response and antiretroviral therapy in the dynamics of HIV infection	2018	Mathematics and Computers in Simulation	144			120	137
Sane P., Chaudhari S., Nemade P., Sontakke S.	Photocatalytic reduction of chromium (VI) using combustion synthesized TiO ₂	2018	Journal of Environmental Chemical Engineering	6	1		68	73
Boosa V., Bilakanti V., Velisoju V.K., Gutta N., Inkollu S., Akula V.	An insight on the influence of surface Lewis acid sites for regioselective C–H bond C3-cyanation of indole using NH ₄ I and DMF as combined cyanide source over Cu/SBA-15 catalyst	2018	Molecular Catalysis	445			43	51
Venkateswaran S., Sarkar S.	Architectural partitioning and deployment modeling on hybrid clouds	2018	Software - Practice and Experience	48	2		345	365
Mishra R., Rangan K., Pallepogu R.	Crystal structure of a new molecular salt: 4-aminobenzenaminium 5-carboxypentanoate	2018	Acta Crystallographica Section E: Crystallographic Communications	74			201	205
Sreedhar I., Khaitan S., Gupta R., Reddy B.M., Venugopal A.	An odyssey of process and engineering trends in forward osmosis	2018	Environmental Science: Water Research and Technology	4	2		129	168
Kasturi S., Surarapu S., Uppalanchi S., Anantaraju H.S., Dwivedi S., Yogeeswari P., Ethiraj K.S., Anireddy J.S.	Synthesis of new heteroaryl substituted morpholine tagged triazines and evaluation of their cytotoxic activity	2018	Letters in Drug Design and Discovery	15	2		181	192
Tiwari A., Yadav P.K., Singh P.	Stokes Flow Through Assemblage of Non-homogeneous Porous Cylindrical Particles Using Cell Model Technique	2018	National Academy Science Letters	41	1		53	57
Srikrupa N.N., Srilekha S., Sen P., Arokiasamy T., Meenakshi S., Bhende M., Kapur S., Soumitra N.	Genetic profile and mutation spectrum of Leber congenital amaurosis in a larger Indian cohort using high throughput targeted re-sequencing	2018	Clinical Genetics	93	2		329	339
Bhutia Z.T., Das A., Biswas M., Chatterjee A., Banerjee M.	7-Oxa-4-thia-1-aza-bicyclo[3.2.1]octane 4,4-Dioxides: Mechanochemical Synthesis by Tandem Michael Addition–1,3-Dipolar Cycloaddition of Aldoximes and Evaluation of Antibacterial Activities	2018	European Journal of Organic Chemistry	2018	4		506	514
Chopra P., Chakraborty S.	Computational study of red- and blue-shifted C[σ]H \cdots Se hydrogen bond in Q3C[σ]H \cdots SeH ₂ (Q = Cl, F, H) complexes	2018	Chemical Physics	500			54	61

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Dey S., Mitra B., Mukhopadhyay J., Sural S.	A Comparative Study of Margin Noise Removal Algorithms on MarNR: A Margin Noise Dataset of Document Images	2018	Proceedings of the International Conference on Document Analysis and Recognition, ICDAR	4			35	39
Gupta A., Fledderjohann J., Reddy H., Raman V.R., Stuckler D., Vellakkal S.	Barriers and prospects of India's conditional cash transfer program to promote institutional delivery care: A qualitative analysis of the supply-side perspectives	2018	BMC Health Services Research	18	1	40		
Chitraganti S., Darwish M.A.H.	Nonlinear event-based state estimation using sequential Monte Carlo approach	2018	2017 IEEE 56th Annual Conference on Decision and Control, CDC 2017	2018-January			2170	2175
Akhil P.S., Parimi A.M.	Synchronization of motion from multiple humans and humanoid robot based on kinect v2	2018	11th International Conference on Industrial and Information Systems, ICIIS 2016 - Conference Proceedings	2018-January			399	403
Jariwala S., Krishnamurthy B.	Transport equations in an enzymatic glucose fuel cell	2018	Chemical Physics Letters	692			7	13
Raman R., Vadivel S., Raj B.E.	A Framework for Cost-Effective Distributed Data Mining in academic institutions using Intelligent Agents	2018	ITT 2017 - Information Technology Trends: Exploring Current Trends in Information Technology, Conference Proceedings	2018-January			13	18
Ramesh V., Krishnamurthy B.	Modeling the transient temperature distribution in a direct methanol fuel cell	2018	Journal of Electroanalytical Chemistry	809			1	7
Das K.R., Kowshik M., Praveen Kumar M.K., Kerkar S., Shyama S.K., Mishra S.	Native hypersaline sulphate reducing bacteria contributes to iron nanoparticle formation in saltpan sediment: A concern for aquaculture	2018	Journal of Environmental Management	206			556	564
Urolagin S., Satish L.	Improving the quality of text summarization using pronoun replacement technique	2018	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2018-January			1991	1995
Goyal P., Challa J.S., Shrivastava S., Goyal N.	AnyFI: An anytime frequent itemset mining algorithm for data streams	2018	Proceedings - 2017 IEEE International Conference on Big Data, Big Data 2017	2018-January			942	947

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Kumar A.S., Kamaiah B.	Co-movement among asian forex markets: Evidence from wavelet methods	2018	Current Issues in Economics and Finance				53	63
Asgaonkar A., Palande P., Joshi R.S.	Is the cost of proof-of-work consensus quasilinear?	2018	ACM International Conference Proceeding Series				314	317
Agarwal S., Mittal N., Sureka A.	Potholes and bad road conditions- Mining twitter to extract information on killer roads	2018	ACM International Conference Proceeding Series				67	77
Ali A., Maqsood K., Shin L.P., Sellappah V., Garg S., Shariff A.B.M., Ganguly S.	Synthesis and mixed integer programming based optimization of cryogenic packed bed pipeline network for purification of natural gas	2018	Journal of Cleaner Production	171			795	810
Mir A., Gaidhane V.H.	Deriving energy from far field RF signal	2018	2017 International Conference on Electrical and Computing Technologies and Applications, ICECTA 2017	2018- January			1	4
Parande P.G., Thomas T.G.	A study of the cocktail party problem	2018	2017 International Conference on Electrical and Computing Technologies and Applications, ICECTA 2017	2018- January			1	5
Akarsu Ö., Katlrci N., Kumar S.	Cosmic acceleration in a dust only universe via energy-momentum powered gravity	2018	Physical Review D	97	2	24011		
Talasila P., Kakrambe M., Rai A., Santy S., Goveas N., Deshpande B.M.	BITS darshini: A modular, concurrent protocol analyzer workbench	2018	ACM International Conference Proceeding Series			315431 6		
Sahu M.	Urban redevelopment, neoliberalism and politics of displacement in Gujarat	2018	India Migration Report 2017: Forced Migration				117	133
Cheruvalath R.	Engineering, technology and science disciplines and gender difference: a case study among Indian students	2018	European Journal of Engineering Education	43	1		99	111
Pillai N., Karthikeyan R., Davim J.P.	Heat treatment effects on tribological characteristics for AISI A8 tool steel and development of wear mechanism maps using K means clustering and neural networks	2018	Tribology - Materials, Surfaces and Interfaces	12	1		44	56

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Kumar M.S., Sriram Y.H., Venkateswarlu M., Rajanna K.C., Sudhakar M.S., Venkanna P., Saiprakash P.K.	Silica-supported perchloric acid and potassium bisulfate as reusable green catalysts for nitration of aromatics under solvent-free microwave conditions	2018	Synthetic Communications	48	1		59	67
Sekhar K., Kushwaha S.K.S., Karthik D.R., Mallikarjuna Reddy V., Mallikarjuna Reddy B.	Transient stability analysis of large scale grid integration of offshore wind and marine current farm connected to grid using STATCOM	2018	2017 Innovations in Power and Advanced Computing Technologies, i-PACT 2017	2017- January			1	6
Srinivasulu A., Sravanthi G., Sarada M., Pal D.	FinFET-based Miller encoder for UHF and SHF RFID application	2018	International Journal of Electronics	105	1		104	115
Reddy T.J., Rao Y.V.D., Narayanamurthy V.	Thin-walled structural configurations for enhanced crashworthiness	2018	International Journal of Crashworthiness	23	1		57	73
Kumar P., Kaalia R., Srinivasan A., Ghosh I.	Multiple target-based pharmacophore design from active site structures	2018	SAR and QSAR in Environmental Research	29	1		1	19
Krishna K.V., Saha R.N., Singhvi G., Dubey S.K.	Pre-clinical pharmacokinetic-pharmacodynamic modelling and biodistribution studies of donepezil hydrochloride by a validated HPLC method	2018	RSC Advances	8	44		2474 0	2474 9
Khosa A., Sinha S., Reddi S., Saha R.N.	Simple, rapid and sensitive uv spectrophotometric method for determination of temozolomide in poly-ε-caprolactone nanoparticles	2018	Asian Journal of Chemistry	30	4		868	872
Khosa A., Krishna K.V., Saha R.N., Dubey S.K., Reddi S.	A simplified and sensitive validated RP-HPLC method for determination of temozolomide in rat plasma and its application to a pharmacokinetic study	2018	Journal of Liquid Chromatography and Related Technologies					
Muthalagu R.	Mitigation of DME interference in LDACS1-based future air-to-ground (A/G) communications	2018	Cogent Engineering	5	1		1	16
Raja M.	Application of cognitive radio and interference cancellation in the L-Band based on future air-to-ground communication systems	2018	Digital Communications and Networks					
Yelampalli P.K.R., Nayak J.	Local Diagonal Laplacian Pattern A New MR and CT Image Feature Descriptor	2018	Advances in Intelligent Systems and Computing	563			69	78
Kamath A., Swarnalatha R.	Intelligent parking system using circle hough transform	2018	Journal of Engineering and Applied Sciences	13	13		4981	4986

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Martin D.J., Saraiya A., Kalaichelvi V., Karthikeyan R.	Vision-based forward kinematics using ANN for weld line detection with a 5-DOF robot manipulator	2018	Advances in Intelligent Systems and Computing	706			309	318
Nair L.R., Shetty S.D., Shetty S.D.	Applying spark based machine learning model on streaming big data for health status prediction	2018	Computers and Electrical Engineering	65			393	399
Rather S.R.	Asymmetric impact of relative price shocks in presence of trend inflation	2018	Applied Economics Letters					
Urologin S., Thomas S.	3D visualization of sentiment measures and sentiment classification using combined classifier for customer product reviews	2018	International Journal of Advanced Computer Science and Applications	9	5		60	68
Desai S., Rao S.A., Jabeen S.S.	Developing cultural intelligence: learning together with reciprocal mentoring	2018	Human Resource Management International Digest	26	3		38	40
Khan R., Urologin S.	Airline sentiment visualization, consumer loyalty measurement and prediction using twitter data	2018	International Journal of Advanced Computer Science and Applications	9	6		380	388
Rao R.V., Saroj A., Bhattacharyya S.	Design optimization of heat pipes using elitism-based self-adaptive multipopulation Jaya algorithm	2018	Journal of Thermophysics and Heat Transfer	32	3		702	712
Kumar Raju B.K.S.P., Geethakumari G.	Timeline-based cloud event reconstruction framework for virtual machine artifacts	2018	Advances in Intelligent Systems and Computing	519			31	42
Pradhan S.K., Routroy S.	Improving supply chain performance by Supplier Development program through enhanced visibility	2018	Materials Today: Proceedings	5	2		3629	3638
Sihag N., Sangwan K.S., Pundir S.	Development of a Structured Algorithm to Identify the Status of a Machine Tool to Improve Energy and Time Efficiencies	2018	Procedia CIRP	69			294	299
Chandel M., Moitra D., Makkar P., Sinha H., Hora H.S., Ghosh N.N.	Synthesis of multifunctional CuFe ₂ O ₄ -reduced graphene oxide nanocomposite: An efficient magnetically separable catalyst as well as high performance supercapacitor and first-principles calculations of its electronic structures	2018	RSC Advances	8	49		2772 5	2773 9
Doddipatla P., Agrawal S.	Effect of treatment of fly ash on mechanical properties of polypropylene	2018	Key Engineering Materials	759 KEM			20	23
Kumar Potdar P., Routroy S.	Analysis of Agile Manufacturing Enablers: A Case Study	2018	Materials Today: Proceedings	5	2		4008	4015

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Paramkusham S., Rao K.M.M., Prabhakar Rao B.V.V.S.N., Sharma S.	Application of TAR signature for breast mass analysis	2018	Biomedical Research (India)	29	10		2030	2034
Mishra D., Jindal A.B.	Lipid based nanocarriers for delivery of anti-HIV drugs: A mini review	2018	Nanoscience and Nanotechnology - Asia	8	2		172	185
Singh M., Varyani N., Singh J., Haribabu K.	Estimation of End-to-end available bandwidth and link capacity in SDN	2018	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	218			130	141
Vaidyanathan A., Gupta A.K., Wahed M.A.	Deep Drawing of constrained groove pressed EDD steel sheets	2018	Materials Today: Proceedings	5	2		3713	3718
Khan I., Sivasankaran N., Nagarjuna R., Ganesan R., Dutta J.R.	Extracellular probiotic lipase capped silver nanoparticles as highly efficient broad spectrum antimicrobial agents	2018	RSC Advances	8	55		31358	31365
Priyadarshi R., Routroy S.	Vertical integration level selection for value addition of herbal products: A farmer's perspective	2018	Materials Today: Proceedings	5	9		18354	18361
Mascarenhas L.	The role of teachers in higher education settings	2018	Higher Education and Professional Ethics: Roles and Responsibilities of Teachers				142	160
Saxena A., Deshmukh S., Nirali S., Wani S.	Laboratory based Experimental Investigation of Photovoltaic (PV) Thermo-control with Water and its Proposed Real-time Implementation	2018	Renewable Energy	115			128	138
Ait Maalem Lahcen R., Mohapatra R., Kumar M.	Cybersecurity: A survey of vulnerability analysis and attack graphs	2018	Springer Proceedings in Mathematics and Statistics	253			97	111
Jose A., Labala S., Ninave K.M., Gade S.K., Venuganti V.V.K.	Effective Skin Cancer Treatment by Topical Co-delivery of Curcumin and STAT3 siRNA Using Cationic Liposomes	2018	AAPS PharmSciTech	19	1		166	175
Das D., Vasudev H.	Secure opportunistic routing for vehicular Ad Hoc networks	2018	Smart Innovation, Systems and Technologies	83			210	217
Ojha A.K., Praveen Kumar A.V.	A dielectric resonator inspired displacement sensor	2018	Lecture Notes in Electrical Engineering	472			335	340
Cheruvallath R.	Teachers' character development in higher education settings	2018	Higher Education and Professional Ethics: Roles and Responsibilities of Teachers				45	58

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Murge P., Dinda S., Roy S.	Adsorbent from Rice Husk for CO ₂ Capture: Synthesis, Characterization, and Optimization of Parameters	2018	Energy and Fuels					
Barla M., Jaidi J.	Influence of Strain Hardening Behaviour in Friction Stir Welded Joints of Aluminium-alloy Plates	2018	Materials Today: Proceedings	5	2		3851	3860
Karthikeyan P., Naidu Uttaravalli A., Dinda S.	Development of Resin Material from Cyclic-Ketones for Coating Applications	2018	Materials Today: Proceedings	5	8		16313	16318
Limbasiya T., Das D.	An enhanced message verification system for vehicle-to-vehicle communication	2018	International Journal of Communication Networks and Distributed Systems	21	3		346	362
Kumar P.U., Behera R.N.	Molecular dynamics simulation study of colloidal suspensions under confinement	2018	Asian Journal of Chemistry	30	11		2450	2454
Dhakad S.K., Dwivedi U., Baudha S., Bhandari T.	Performance Improvement of Fractal Antenna with Electromagnetic Band Gap (EBG) and Defected Ground Structure for Wireless Communication	2018	Lecture Notes in Electrical Engineering	468			9	19
Jonnalagadda J.M.	Discrete state space systems of fractional order	2018	International Journal of Dynamical Systems and Differential Equations	8	3		228	241
Moldgy A., Parameshwaran R.	Study on thermal energy storage properties of organic phase change material for waste heat recovery applications	2018	Materials Today: Proceedings	5	8		16840	16848
Harugade M.L., Waigaonkar S.D.	Effect of different electrolytes on material removal rate, diameter of hole, and spark in electrochemical discharge machining	2018	Lecture Notes in Mechanical Engineering		201519		427	437
Mondal T.	On the higher-order T ₂ ⊗ (e + t ₂) Jahn-Teller coupling effects in the photodetachment spectrum of the alanate anion (AlH ₄ ⁻)	2018	Physical Chemistry Chemical Physics	20	14		9401	9410
Bhakar V., Digalwar A.K., Sangwan K.S.	Sustainability Assessment Framework for Manufacturing Sector - A Conceptual Model	2018	Procedia CIRP	69			248	253
Potdar P.K., Routroy S.	Implementation performance of agile manufacturing: A graph theoretic approach	2018	International Journal of Productivity and Quality Management	24	3		346	372

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Srivastava P., Kowshik M.	Mechanisms of bacterial heavy metal resistance and homeostasis: An overview	2018	Heavy Metals in the Environment: Microorganisms and Bioremediation				15	42
Anwar K., Deshmukh S.	Assessment and mapping of solar energy potential using artificial neural network and GIS technology in the Southern part of India	2018	International Journal of Renewable Energy Research	8	2		974	985
Settibhaktini H., Chintanpalli A.	Modeling the level-dependent changes of concurrent vowel scores	2018	Journal of the Acoustical Society of America	143	1		440	449
Gayatri Vineela M., Dave A., Kiran Chaganti P.	Artificial neural network based prediction of tensile strength of hybrid composites	2018	Materials Today: Proceedings	5	9		1990 8	1991 5
Kumar P.	A remark on sendov conjecture	2018	Comptes Rendus de L'Academie Bulgare des Sciences	71	6		731	734
Prabhudesai R., Prasad Ch.V.V.S.N.V.	What drives trust-performance relationship in SME alliances?	2018	International Journal of Business and Globalisation	20	3		316	327
Rawat S., Kant Mittal R.	Optimization of Eccentrically Loaded Reinforced-Concrete Isolated Footings	2018	Practice Periodical on Structural Design and Construction	23	2	601800 2		
Samant S.S., Bhanu Murthy N.L., Malapati A.	CapAct: A Wordnet-Based Summarizer for Real-World Events from Microblogs	2018	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10722 LNCS			306	314
Mahapatra S.K.	Peers, teachers and coping strategies of Dalit students in higher education: a qualitative study	2018	International Journal of Inclusive Education					
Jose A., Ninave K.M., Karnam S., Venuganti V.V.K.	Temperature-sensitive liposomes for co-delivery of tamoxifen and imatinib for synergistic breast cancer treatment	2018	Journal of Liposome Research					
Jonnalagadda J.M.	Explicit criteria for stability of two-dimensional fractional nabla difference systems	2018	Springer Proceedings in Mathematics and Statistics	253			305	314
Shinde V.N., Dhiman S., Krishnan R., Kumar D., Kumar A.	Synthesis of imidazopyridine-fused indoles via one-pot sequential Knoevenagel condensation and cross dehydrogenative coupling	2018	Organic and Biomolecular Chemistry	16	33		6123	6132
Das A., Biswas S., Biswas M.	Expression of phi11 Gp07 causes filamentation in escherichia coli	2018	Open Microbiology Journal	12			107	115
Sreedhar I., Darshan A.S., Srivastava S., Jain V.	Complex behavior of polymers as drag reducing agents through pipe fittings	2018	Journal of Applied Fluid Mechanics	11	2		467	474

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S.N.C. S., Sengupta P., Paul A.T.	Development and validation of a new HPTLC method for quantification of conophylline in <i>Tabernaemontana divaricata</i> samples obtained from different seasons and extraction techniques: Insights into variation of pancreatic lipase inhibitory activity	2018	Industrial Crops and Products	111			462	470
Gupta M., Rajagopalan V., Rao B.V.V.S.N.P.	Glioma grade classification using wavelet transform-local binary pattern based statistical texture features and geometric measures extracted from MRI	2018	Journal of Experimental and Theoretical Artificial Intelligence					
Bhatt H., Rompicharla S.V.K., Komanduri N., Aashma S., Paradkar S., Ghosh B., Biswas S.	Development of Curcumin-Loaded Solid Lipid Nanoparticles Utilizing Glycerol Monostearate as Single Lipid Using QbD Approach: Characterization and Evaluation of Anticancer Activity Against Human Breast Cancer Cell Line	2018	Current drug delivery	15	9		1271	1283
Vishwakarma S.K., Panigrahi T.R., Kaur R.	On love wave frequency under the influence of linearly varying shear moduli, initial stress, and density of orthotropic half-space	2018	Springer Proceedings in Mathematics and Statistics	253			209	223
Uttaravalli A.N., Dinda S.	Hydroxyl-functionalized resin: Preparation, characterization, parameter optimization and property prediction	2018	Pigment and Resin Technology	47	3		236	245
Limnasiya T., Das D.	Secure message confirmation scheme based on batch verification in vehicular cloud computing	2018	Physical Communication					
Singhal T., Manjare S.D.	Modelling studies on reactive absorption of carbon dioxide in monoethanolamine solution from flue gas in coal based thermal power plants	2018	Journal of Sustainable Development of Energy, Water and Environment Systems	6	3		481	493
Parameswaram G., Roy S.	A novel microwave-assisted hydrothermal route for the synthesis of Zn _x TPA/γ-Al ₂ O ₃ for conversion of carbohydrates into 5-hydroxymethylfurfural	2018	RSC Advances	8	50		2846 1	2847 1
Ojha A.K., Kumar A.V.P.	Tradeoffs in the feed point selection of a cylindrical dielectric resonator antenna	2018	International Journal of Microwave and Wireless Technologies					
Jayatheja M., Suluguru A.K., Guharay A., Kar A.	Utilization of Building Derived Material for Improving Performance of Sand as a Foundation Material	2018	Geotechnical Special Publication	2018- March	GSP 296		485	494

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Bhardwaj A., Toshiwal K., Abdul Wahed M., Kumar Gupta A.	Microstructural and SEM analysis on thin sheets of Ti6Al4V alloy subjected to biaxial and uniaxial tensile tests	2018	Materials Today: Proceedings	5	2		3729	3734
Muthukumar K., Srinivas S., Malapati A., Neti L.B.M.	Software defect prediction using augmented bayesian networks	2018	Advances in Intelligent Systems and Computing	614			279	293
Sihag N., Sangwan K.S.	Development of a Multi-criteria Optimization Model for Minimizing Carbon Emissions and Processing Time during Machining	2018	Procedia CIRP	69			300	305
Srinivas R., Singh A.P., Deshmukh A.	Development of a HEC-HMS-based watershed modeling system for identification, allocation, and optimization of reservoirs in a river basin	2018	Environmental Monitoring and Assessment	190	1	31		
Das D., Vasudev H.	Design and safety verification for vehicle networks	2018	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	218			220	232
Gupta G., Mishra R.P., Mundra N.	Development of a framework for reliability centered maintenance	2018	Proceedings of the International Conference on Industrial Engineering and Operations Management	2018-March			2383	2391
Muthukumar K., Dasgupta A., Abhidnya S., Neti L.B.M.	On the effectiveness of cost sensitive neural networks for software defect prediction	2018	Advances in Intelligent Systems and Computing	614			557	570
Prasad Ch.V.V.S.N.V., Prabhudesai R.	What drives SME explorative-exploitative alliance formation: An integrated perspective	2018	International Journal of Business Innovation and Research	15	1		79	98
Nagaraju S., Gudino L.J., Tripathi N., Sreejith V., Ramesha C.K.	Mobility assisted localization for mission critical Wireless Sensor Network applications using hybrid area exploration approach	2018	Journal of King Saud University - Computer and Information Sciences					
Prabhudesai R., Prasad Ch.V.V.S.N.V.	Understanding the international strategic alliances of SMEs: A case-study approach	2018	International Journal of Entrepreneurship and Small Business	35	1		102	125
Adimulam M.K., Srinivas M.B.	Ultra low power programmable wireless ExG SoC design for IoT healthcare system	2018	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	247			41	49

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Mundada V., Kumar Reddy Narala S.	Optimization of Milling Operations Using Artificial Neural Networks (ANN) and Simulated Annealing Algorithm (SAA)	2018	Materials Today: Proceedings	5	2		4971	4985
Rao V.V., Parameshwaran R., Ram V.V.	PCM-mortar based construction materials for energy efficient buildings: A review on research trends	2018	Energy and Buildings	158			95	122
Suresh K., Kumar P.G., Priyadarshini A., Kotkunde N.	Analysis of formability in incremental forming processes	2018	Materials Today: Proceedings	5	9		18905	18910
Kiran Sagar C., Chilukuri A., Priyadrashini A.	Determination of Johnson-Cook material model constants for 93% WHA and optimization using genetic algorithm	2018	Materials Today: Proceedings	5	9		18911	18919
Saini V., Khungar B.	Recyclable imidazolium ion-tagged nickel catalyst for microwave-assisted C-S cross-coupling in water using sulfonyl hydrazide as the sulfur source	2018	New Journal of Chemistry	42	15		12796	12801
Sharma A., Sahay S.K.	An investigation of the classifiers to detect android malicious apps	2018	Advances in Intelligent Systems and Computing	625			207	217
Raghuvanshi S., Bhakar V., Chava R., Sangwan K.S.	Comparative Study Using Life Cycle Approach for the Biodiesel Production from Microalgae Grown in Wastewater and Fresh Water	2018	Procedia CIRP	69			568	572
Singh V., Singru P.M.	Graph theoretic structural modeling based new measures of complexity for analysis of lean initiatives	2018	Journal of Manufacturing Technology Management	29	2		329	349
Malapati P., Siva Krishna V., Nallangi R., Meda N., Reshma Srilakshmi R., Sriram D.	Lead identification and optimization of bacterial glutamate racemase inhibitors	2018	Bioorganic and Medicinal Chemistry	26	1		177	190
Reddy D., Krishnamurthy B.	Analyzing leakage current in a direct methanol fuel cell	2018	Journal of Solid State Electrochemistry	22	1		203	216
Paramkusham S., Rao K.M.M., Prabhakar Rao B.V.V.S.N.	Comparison of rotation invariant local frequency, LBP and SFTA methods for breast abnormality classification	2018	International Journal of Signal and Imaging Systems Engineering	11	3		136	150
Deshpande A., Krishnaswamy S., Ponnani K.	Corrigendum to "Experimental investigations on unmixed combustion for heat transfer applications" [Chem. Eng. Sci. 164 (2017) 122–132]	2018	Chemical Engineering Science					

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Hari Priya T., Parimi A.M.	Hybrid controller topology for large solar PV installations in high-voltage DC grid-connected applications	2018	Electrical Engineering					
Gayatri M.T.L., Parimi A.M., Pavan Kumar A.V.	A review of reactive power compensation techniques in microgrids	2018	Renewable and Sustainable Energy Reviews	81			1030	1036
Saddhe A.A., Malvankar M.R., Kumar K.	Selection of reference genes for quantitative real-time PCR analysis in halophytic plant <i>Rhizophora apiculata</i>	2018	PeerJ	2018	7	e5226		
Gorla S., Velivelli S., Bhanu Murthy N.L., Malapati A.	Named entity recognition for telugu news articles using Naïve bayes classifier	2018	CEUR Workshop Proceedings	2079			33	38
Alok S., Kabra A., Mudam A.	Predicting the behavioural intention to adopt lean practices: An empirical study in the manufacturing industry	2018	International Journal of Services and Operations Management	29	4		557	578
Tripathi B., Sharma B.K.	Influence of Heat and Mass Transfer on Two-Phase Blood Flow with Joule Heating and Variable Viscosity in the Presence of Variable Magnetic Field	2018	International Journal of Computational Methods					
Gupta G., Mishra R.P.	Identification of Critical Components Using ANP for Implementation of Reliability Centered Maintenance	2018	Procedia CIRP	69			905	909
Thomas S., Nithyananthan K.	A novel method to implement MPPT algorithms for PV panels on a MATLAB/ SIMULINK environment	2018	Journal of Advanced Research in Dynamical and Control Systems	10	4		31	40
Bibina V.C., Chakraborty U., Regeena M.L., Kumar A.	Signal processing methods of diagnosing Alzheimer's disease using EEG a technical review	2018	International Journal of Biology and Biomedical Engineering	12			100	113
Patel K., Kalaichelvi V., Karthikeyan R., Bhattathiri S.	Modelling, Simulation and Control of Incremental Sheet Metal Forming Process using CNC Machine Tool	2018	Procedia Manufacturing	26			95	106
Khan S.A., Cholamjiak W.	Mixed variational inequalities with various error bounds for random fuzzy mappings	2018	Journal of Intelligent and Fuzzy Systems	34	4		2313	2324
Pillai N., Karthikeyan R., Kannan S., Vincent S.	Effect of Cryogenic treatment on VIKING cold working tool steel and development of wear mechanism maps	2018	Procedia Manufacturing	26			329	342

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Acharya J., Dutta M., Chaudhury K., De B.	Metabolomics and chemometric study for identification of acetylcholinesterase inhibitor(s) from the flower extracts of <i>Nymphaea pubescens</i>	2018	Journal of Food Biochemistry					
Kasilingam G., Nithiyananthan K., Thomas S.	Wireless integrated-sensor network based subsea tunnel monitoring system	2018	Journal of Advanced Research in Dynamical and Control Systems	10	12 Special Issue		647	658
Ocloń P., Cisek P., Rerak M., Taler D., Rao R.V., Vallati A., Pilarczyk M.	Thermal performance optimization of the underground power cable system by using a modified Jaya algorithm	2018	International Journal of Thermal Sciences	123			162	180
Kasilingam G., Nithiyananthan K., Mani P.R., Thomas S.	GSM based dual power enhanced LED display notice board with motion detector	2018	International Journal of Engineering and Technology(UAE)	7	2.8 Special Issue 8		559	566
Thomas S., Nithiyananthan K., Eski A.	A novel linear braking control system for a separately excited DC motor subjected to dynamic braking	2018	Journal of Advanced Research in Dynamical and Control Systems	10	11 Special Issue		230	238
Khan I., Vishwakarma S.K., Khan A.A., Ramakrishnan G., Dutta J.R.	In vitro hemocompatibility evaluation of gold nanoparticles capped with <i>Lactobacillus plantarum</i> derived lipase	2018	Clinical Hemorheology and Microcirculation	69	43132		197	205
Kachwal V., Alam P., Yadav H.R., Pasha S.S., Roy Choudhury A., Laskar I.R.	Simple ratiometric push-pull with an 'aggregation induced enhanced emission' active pyrene derivative: A multifunctional and highly sensitive fluorescent sensor	2018	New Journal of Chemistry	42	2		1133	1140
Sahoo P.K., Tripathy S.K., Sahoo P.	A periodic varying deceleration parameter in f (R, T) gravity	2018	Modern Physics Letters A					
Das D., Misra R.	IntersectionCast: Approximation algorithm for multi-directional broadcast storm in VANETs	2018	International Journal of Communication Networks and Distributed Systems	20	1		16	35
Dhanya Ram V., Sankar Rao C.	Identification and Control of an Unstable SOPTD system with positive zero	2018	Computer Aided Chemical Engineering	44			757	762
Shwetha M., Reddy N.K., Pattnaik P.K., Narayan K.	Design and analysis of silicon ring resonator for bio-sensing application	2018	Proceedings of SPIE - The International Society for Optical Engineering	10690		106902 R		
Godinho A., Singh T., Arumugam S.	The distance magic index of a graph	2018	Discussiones Mathematicae - Graph Theory	38	1		135	142
Limbasiya T., Arya A.	Attacks on authentication and authorization models in smart grid	2018	Advances in Information Security	71			53	70

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Deshpande P., Jhaveri A., Pattni B., Biswas S., Torchilin V.P.	Transferrin and octaarginine modified dual-functional liposomes with improved cancer cell targeting and enhanced intracellular delivery for the treatment of ovarian cancer	2018	Drug Delivery	25	1		517	532
Shankar Lingam M., Arun Kumar A., Sudhakara A.M.	Network information security model based on web data mining	2018	Advances in Intelligent Systems and Computing	632			51	56
Purohit N., Gupta D.K., Dasgupta M.S.	Experimental investigation of CO ₂ trans-critical refrigeration system with and without internal heat exchanger for warm climate	2018	Refrigeration Science and Technology	2018- June			968	975
Moraes P.H.R.S., Sahoo P.K.	Nonexotic matter wormholes in a trace of the energy-momentum tensor squared gravity	2018	Physical Review D	97	2	24007		
Sunil Kumar C.V., Routroy S.	Developing the preferred supplier relationships – A case study	2018	International Journal of Intelligent Enterprise	5	43132		108	124
Singhal S., Patel J.	Load balancing scheduling algorithm for concurrent workflow	2018	Computing and Informatics	37	2		311	326
Chanda U., Kumar A.	Optimization of EOQ Model for New Products under Multi-Stage Adoption Process	2018	International Journal of Innovation and Technology Management					
Singh S., Patel B.P.	Large deformation static and dynamic response of carbon nanotubes by mixed atomistic and continuum models	2018	International Journal of Mechanical Sciences	135			565	581
Singh M., Jadhav H.R., Kumar A.	Design, synthesis and in vitro evaluation of piperazine incorporated novel anticancer agents	2018	Letters in Drug Design and Discovery	15	8		866	874
Wadhwa P., Jain P., Rudrawar S., Jadhav H.R.A.	Quinoline, coumarin and other heterocyclic analogs based HIV-1 integrase inhibitors	2018	Current Drug Discovery Technologies	15	1		2	19
Sangwan K.S., Herrmann C., Soni M.S., Jakhar S., Posselt G., Sihag N., Bhakar V.	Comparative Analysis for Solar Energy Based Learning Factory: Case Study for TU Braunschweig and BITS Pilani	2018	Procedia CIRP	69			407	411
Ramachary D.B., Anebouselvy K., Kumar I.	Preface	2018	RSC Catalysis Series	2018- January	30		vii	viii
Bhakar P., Singh A.P.	Life Cycle Assessment of Groundwater Supply System in a Hyper-arid Region of India	2018	Procedia CIRP	69			603	608

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Shriram C.K., Muthukumaran K., Bhanu Murthy N.L.	Empirical Study on the Distribution of Bugs in Software Systems	2018	International Journal of Software Engineering and Knowledge Engineering	28	1		97	122
Dash T., Behera H.S.	A comprehensive study on evolutionary algorithm-based multilayer perceptron for real-world data classification under uncertainty	2018	Expert Systems					
Aktaş C., Aygün S., Sahoo P.K.	Relationship between magnetic field and anisotropy parameter in gravitation theories	2018	Modern Physics Letters A	33	24	1850135		
Thimmakonda V.S., Karton A.	The quest for the carbene bent-pentadienylidene isomer of C ₅ H ₂	2018	Chemical Physics					
Kumar R., Lanjewar S., Nandukkandy S., Roy A.	Mathematical modeling, simulation and prototype designing of potable water system on basis of forward osmosis	2018	World Congress on Civil, Structural, and Environmental Engineering					
Kujawinska A., Vogt K., Diering M., Rogalewicz M., Waigaonkar S.D.	Organization of visual inspection and its impact on the effectiveness of inspection	2018	Lecture Notes in Mechanical Engineering		201519		899	909
Mazumdar S., Kumar A.S.	Forecasting data center resource usage: An experimental comparison with time-series methods	2018	Advances in Intelligent Systems and Computing	614			151	165
Maheshwera Reddy Paturi U., Devarasetti H., Kumar Reddy Narala S.	Application of Regression and Artificial Neural Network Analysis in Modelling of Surface Roughness in Hard Turning of AISI 52100 Steel	2018	Materials Today: Proceedings	5	2		4766	4777
Nayak V., Karaya R.R.	Target Tracking by a Quadrotor Using Proximity Sensor Fusion Based on a Sigmoid Function*	2018	IFAC-PapersOnLine	51	1		154	159
Sahoo P.K., Moraes P.H.R.S., Sahoo P.	Wormholes in R ² -gravity within the f(R, T) formalism	2018	European Physical Journal C	78	1	46		
Sinha Y., Vashishth S., Haribabu K.	Real time monitoring of packet loss in software defined networks	2018	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	218			154	164
Praveen K.M.S.K., Kumar A., John S., Barshilia H.C.	Synthesis of high yield silver nanowires for transparent flexible conductor applications	2018	Materials Today: Proceedings	5	4		10883	10888

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Sudeep B., Dinesh K.V.	A compact broadband printed circular slot antenna with stair shaped ground plane	2018	Progress in Electromagnetics Research Letters	74			9	16
Swain R.R., Khilar P.M., Dash T.	Multifault diagnosis in WSN using a hybrid metaheuristic trained neural network	2018	Digital Communications and Networks					
Hassan A.S., Juliet V., Joshua Amrith Raj C.	MEMS based humidity sensor with integration of temperature sensor	2018	Materials Today: Proceedings	5	4		1072 8	1073 7
Dash T., Dambekodi S.N., Reddy P.N., Abraham A.	Adversarial neural networks for playing hide-and-search board game Scotland Yard	2018	Neural Computing and Applications					
Robert F., Prince A., Agrawal A., Clement S.	Modeling and analysis of scalable arcless micromechanical switch for battery powered electrical system	2018	Micro and Nanosystems	10	1		23	34
Thommandra K., Shree Vishnu Raj A., Bade S., Srinivas K.	Comparison analysis and parameter study for roll separation force to avoid bearing failure in tube mills	2018	Materials Today: Proceedings	5	2		8495	8503
Kumar I., Ramachary D.B.	CHAPTER 11: Tetraenamine-catalyzed Stereoselective Cycloadditions of Polyunsaturated Carbonyl Compounds	2018	RSC Catalysis Series	2018- January	30		194	198
Guharay A., Biswas A., Chauhan D.	Reliability Analysis of Foundation Systems Supported on Clay Subgrades of Different Strengths: A Finite Element Approach	2018	Geotechnical Special Publication	2018- March	GSP 295		248	257
Chalasanani A.G., Roy U., Nema S.	Purification and characterisation of a novel antistaphylococcal peptide (ASP-1) from Bacillus sp. URID 12.1	2018	International Journal of Antimicrobial Agents	51	1		89	97
Sunil Kumar C.V., Routroy S.	Modeling Supplier Development barriers in Indian manufacturing industry	2018	Asia Pacific Management Review					
Kumari S., Sonu, Halder S., Aggrawal R., Sundar G., Saha S.K.	Effect of Urea on Solvation Dynamics and Rotational Relaxation of Coumarin 480 in Aqueous Micelles of Cationic Gemini Surfactants with Different Spacer Groups	2018	ACS Omega	3	3		3079	3095
Koley S., Sahoo T.	An integro-differential equation approach to study the scattering of water waves by a floating flexible porous plate	2018	Geophysical and Astrophysical Fluid Dynamics					

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Mahalle G., Kotkunde N., Kumar Gupta A., Kumar Singh S.	Study of mechanical properties and microstructural analysis for inconel alloy sheet at elevated temperature	2018	Materials Today: Proceedings	5	9		1801 6	1802 3
Sinha Y., Vashishth S., Haribabu K.	Estimation of raw packets in SDN	2018	Lecture Notes of the Institute for Computer Sciences, Social- Informatics and Telecommunicatio ns Engineering, LNICST	218			142	153
Kotkunde N., Nitin Krishnamurthy H., Kumar Gupta A., Kumar Singh S.	Study of Hot Deformation Behavior Using Phenomenological Based Constitutive Model for Austenitic Stainless Steel 316	2018	Materials Today: Proceedings	5	2		4870	4877
Purohit N., Gupta D.K., Dasgupta M.S.	Exergetic analysis of CO2 trans-critical refrigeration system with and without internal heat exchanger using experimental data	2018	Refrigeration Science and Technology	2018- April			566	574
Kung C.H., Zahiri B., Sow P.K., Mérida W.	Electrochemical Wettability Control on Cu/Cu ₂ O Core- Shell Dendrites: In-Situ Droplet Modulation and On- Demand Oil-Water Separation	2018	MRS Advances	3	53		3143	3148
Sunil Kumar C.V., Routroy S., Mishra R.K.	Lean supplier management for better cost structures	2018	Materials Today: Proceedings	5	9		1894 1	1894 5
Dash S., Sarashetti P.M., Rajashekar B., Chowdhury R., Mukherjee S.	TGF-β2-induced EMT is dampened by inhibition of autophagy and TNF-α treatment	2018	Oncotarget	9	5		6433	6449
Ganapathi G., Arumugam S., Graña M., Balusamy S., Rajamanickam N., Periakaruppan R.	Preface	2018	Communications in Computer and Information Science	844			V	VI
Kumar M., Mohapatra R.N., Agarwal S., Sathish G., Raw S.N.	A new RGB image encryption using generalized Vigenère-type table over symmetric group associated with virtual planet domain	2018	Multimedia Tools and Applications					
Dash T., Srinivasan A., Vig L., Orhobor O.I., King R.D.	Large-Scale Assessment of Deep Relational Machines	2018	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	11105 LNAI			22	37

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Kujawska A., Rogalewicz M., Diering M., Luczak M., Bozek M., Waigaonkar S.D.	Improvement of acceptance sampling inspection for the operation of sealing packages	2018	Lecture Notes in Mechanical Engineering		201519		837	846
Mathur S., Mittal V.K., Upadheye N., Mathur K., Singh V.	SCM strategy for sales augmentation using TSP algorithm and time bound marginal discount utility	2018	International Journal of Supply Chain Management	7	1		87	94
Dhakad S.K., Dwivedi U., Rawat S., Rege L., Shah A.	Design of planar monopole UWB antenna with modified slotted-patch	2018	Journal of Advanced Research in Dynamical and Control Systems	10	5 Special Issue		63	69
Sudhakar A.V.V., Karri C., Jaya Laxmi A.	A hybrid LR-secant method-invasive weed optimisation for profit-based unit commitment	2018	International Journal of Power and Energy Conversion	9	1		1	24
Priyadarshini C., Banerjee P., Chhetri P.	Identifying dimensions of job search strategy: A validation of measurement scale	2018	Current Psychology					
Bakre P.V., Tilve S.G., Ghosh N.N.	Investigation of amino acids as templates for the sol-gel synthesis of mesoporous nano TiO ₂ for photocatalysis	2018	Monatshefte fur Chemie	149	1		11	18
Dhakad S.K., Dwivedi U., Rawat S., Gupta A., Tank K.	Design process of a compact UWB slotted planar monopole antenna by introduction of slots	2018	Journal of Advanced Research in Dynamical and Control Systems	10	3 Special Issue		519	527
Krishna Kumari P.S.V.H.N., Saroj Vernekar D., Ravi Kumar Y.V.K.	A study on the effect of peristalsis and cilia of MHD Micropolar fluid flow through an inclined porous channel	2018	Journal of Applied Fluid Mechanics	11	5		1321	1331
Parameshwaran R., Sari A., Jalaiah N., Karunakaran R.	Applications of Thermal Analysis to the Study of Phase-Change Materials	2018	Handbook of Thermal Analysis and Calorimetry	6			519	572
Ahmed Z., Kumar S., Kumar A., Irfan M.	Coalescing Versus Merging of Energy Levels in One-Dimensional Potentials	2018	Springer Proceedings in Physics	203			345	348
Raj V., Rai A., Singh A.K., Keshari A.K., Trivedi P., Ghosh B., Kumar U., Kumar D., Saha S.	Discovery of novel 2-amino-5-(Substituted)-1,3,4-thiadiazole derivatives: New utilities for colon cancer treatment	2018	Anti-Cancer Agents in Medicinal Chemistry	18	5		719	738
Kumar A.V.P., Parimi A.M., Rao K.U.	Tie-line frequency bias control of pv-wind hybrid power system for micro grid application	2018	UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science	80	1		217	230

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Singh D.R., Singh M.K., Singh T., Prasad R.	Genetic algorithm for solving multiple traveling salesman problem using a new crossover and population generation	2018	Computacion y Sistemas	22	2		491	503
Ashok D., Chiranjeevi P., Kumar A.V., Sarasija M., Krishna V.S., Sriram D., Balasubramanian S.	1,2,3-Triazole-fused spirochromenes as potential anti-tubercular agents: synthesis and biological evaluation	2018	RSC Advances	8	30		16997	17007
Sahoo P.K., Moraes P.H.R.S., Sahoo P., Ribeiro G.	Phantom fluid supporting traversable wormholes in alternative gravity with extra material terms	2018	International Journal of Modern Physics D					
Islam S.H., Das A.K., Khan M.K.	A novel biometric-based password authentication scheme for client-server environment using ECC and fuzzy extractor	2018	International Journal of Ad Hoc and Ubiquitous Computing	27	2		138	155
Mishra B., Ray P.P., Pacif S.K.J.	Anisotropic Cosmological Models with Two Fluids	2018	Advances in High Energy Physics	2018		6306848		
Vig L., Srinivasan A., Bain M., Verma A.	An investigation into the role of domain-knowledge on the use of embeddings	2018	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10759 LNAI			169	183
Ramachandran R., Shrivastava M., Narayanan N.N., Thakur R.L., Chakrabarti A., Roy U.	Evaluation of antifungal efficacy of three new cyclic lipopeptides of the class bacillomycin from Bacillus subtilis RLID 12.1	2018	Antimicrobial Agents and Chemotherapy	62	1	e01457-17		
Dhakad S.K., Dwivedi U., Rawat S., Agarwal Y., Joshi A.	A slotted microstrip antenna with fractal design for surveillance based radar applications in X- band	2018	International Journal of Engineering and Technology(UAE)	7	3		64	67
Abhishikth N.L., Banerjee S., Rangu S., Kamireddy S., Azad A.K., Chowdhury D.R.	Controlling extraordinary transmission through hole arrays using subwavelength periodic resonators	2018	Optics InfoBase Conference Papers	Part F98-BGPP M 2018				
Pasha S.S., Fageria L., Climent C., Rath N.P., Alemany P., Chowdhury R., Roy A., Laskar I.R.	Evaluation of novel platinum(II) based AIE compound-encapsulated mesoporous silica nanoparticles for cancer theranostic application	2018	Dalton Transactions	47	13		4613	4624

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Mitra M., Kulsi C., Kargupta K., Ganguly S., Banerjee D.	Composite of polyaniline-bismuth selenide with enhanced thermoelectric performance	2018	Journal of Applied Polymer Science					
Angapelly S., Ramya P.V.S., Sodhi R., Angeli A., Rangan K., Nagesh N., Supuran C.T., Arifuddin M.	Iodine-mediated one-pot intramolecular decarboxylation domino reaction for accessing functionalised 2-(1,3,4-oxadiazol-2-yl)anilines with carbonic anhydrase inhibitory action	2018	Journal of Enzyme Inhibition and Medicinal Chemistry	33	1		615	628
Mangali S., Bhat A., Udumula M.P., Dhar I., Sriram D., Dhar A.	Inhibition of protein kinase R protects against palmitic acid-induced inflammation, oxidative stress, and apoptosis through the JNK/NF- κ B/NLRP3 pathway in cultured H9C2 cardiomyocytes	2018	Journal of Cellular Biochemistry					
Nagarjuna R., Saifullah M.S.M., Ganesan R.	Oxygen insensitive thiol-ene photo-click chemistry for direct imprint lithography of oxides	2018	RSC Advances	8	21		11403	11411
Williams G., Nandigama S.	Managing political space: Authority, marginalised people's agency and governance in West Bengal	2018	International Development Planning Review	40	1		1	26
Li Y., Lahkar S., Wei Q., Qiao P., Ye H.	Strength nature of two-dimensional woven nanofabrics under biaxial tension	2018	International Journal of Damage Mechanics					
Nair R., Lamare I., Tiwari N.K., Ravi P.R., Pillai R.	In Situ Salification in Polar Solvents: a Paradigm for Enabling Drug Delivery of Weakly Ionic Drugs as Amorphous Solid Dispersion	2018	AAPS PharmSciTech	19	1		326	337
Kumar R., Raizner Y., Kruh L.I., Menashe O., Azaizeh H., Kapur S., Kurzbaum E.	Extracellular laccase production and phenolic degradation by an olive mill wastewater isolate	2018	Grasas y Aceites	69	1	e231		
Chitraganti S., Sid M.A., Aberkane S.	Event triggered fault detection in linear systems using Generalized likelihood ratio test	2018	IFAC-PapersOnLine	51	1		444	449
Limbadi K., Toshniwal K., Suresh K., Kumar Gupta A., Kutumbarao V., Ram M., Ravindran M., Kalyankrishna G., Kumar Singh S.	Stress Variation of Zircaloy-4 and Johnson Cook Model for rolled sheets.	2018	Materials Today: Proceedings	5	2		3793	3801

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Goswami(Mukherjee) B., Sarkar J., Saha S., Kar S., Sarkar P.	ALVEC: Auto-scaling by Lotka Volterra elastic cloud: A QoS aware non linear dynamical allocation model	2018	Simulation Modelling Practice and Theory					
Saddhe A.A., Shweta, Mosa K.A., Kumar K., Prasad M., Dhankher O.P.	Genome-wide characterization of major intrinsic protein (MIP) gene family in <i>Brachypodium distachyon</i>	2018	Current Bioinformatics	13	5		536	552
Kumari S., Das A.K., Li X., Wu F., Khan M.K., Jiang Q., Hafizul Islam S.K.	A provably secure biometrics-based authenticated key agreement scheme for multi-server environments	2018	Multimedia Tools and Applications	77	2		2359	2389
Suravajhala P., Kumar A., Pandeya A., Malik G., Sharma M., P. H.K., S. A.K., Gahlaut V., Gajula M.N.V.P., Singh K.P., Balyan H.S., Gupta P.K.	A web resource for nutrient use efficiency-related genes, quantitative trait loci and microRNAs in important cereals and model plants [version 1; referees: 2 approved]	2018	F1000Research	7		673		
Saini H.K., Nandwana N.K., Dhiman S., Rangan K., Kumar A.	Sequential Copper-Catalyzed Sonogashira Coupling, Hydroamination and Palladium-Catalyzed Intramolecular Direct Arylation: Synthesis of Azepino-Fused Isoindolinones	2017	European Journal of Organic Chemistry	2017	48		7277	7282
Gunda R.K., Narala S.K.R.	Evaluation of friction and wear characteristics of electrostatic solid lubricant at different sliding conditions	2017	Surface and Coatings Technology	332			341	350
Singh D.R., Singh M.K., Singh T.	Multiple traveling salesman problem using novel crossover and group theory	2017	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-January			368	372
Adimulam M.K., Movva K.K., Srinivas M.B.	A low power, programmable 12-bit two step SAR-flash ADC for signal processing applications	2017	International System on Chip Conference	2017-September			45	50
Halder S., Bhavana P.	Role of conformational and electronic effects on various thienylporphyrinic ionophores in the detection of metal ions – A potentiometric investigation	2017	Journal of Molecular Structure	1150			206	213
Sandhya, Sinha Y., Haribabu K.	A survey: Hybrid SDN	2017	Journal of Network and Computer Applications	100			35	55

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Khalid Baig M.Z., Sahu P.K., Sarkar M., Chakravarty M.	Haloarene-Linked Unsymmetrically Substituted Triarylethenes: Small AIEgens to Detect Nitroaromatics and Volatile Organic Compounds	2017	Journal of Organic Chemistry	82	24		13359	13367
Kumar Suluguru A., Jayatheja M., Kar A., GuhaRay A., Surana S.R., James N.	Experimental studies on the microstructural, physical and chemical characteristics of building derived materials to assess their suitability in ground improvement	2017	Construction and Building Materials	156			921	932
Challagulla S., Tarafder K., Ganesan R., Roy S.	All that Glitters Is Not Gold: A Probe into Photocatalytic Nitrate Reduction Mechanism over Noble Metal Doped and Undoped TiO ₂	2017	Journal of Physical Chemistry C	121	49		27406	27416
Shirsat A.A., Nayak J.	Visible light communication using MIMO channel to achieve better SNR at high bit rate	2017	8th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2017			8203915		
Samant S.S., Murthy N.L.B., Malapati A.	Bigram-based features for real-world event identification from microblogs	2017	8th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2017			8204004		
Singh A., Chhablani C., Goel L.	Moth flame optimization for land cover feature extraction in remote sensing images	2017	8th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2017			8204162		
Bag R., Das D., Kumar R.	An architecture of smart transportation system using modified RR algorithm and VANET	2017	8th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2017			8204027		
Roul R.K., Agarwal A.	Feature space of deep learning and its importance: Comparison of clustering techniques on the extended space of ML-ELM	2017	ACM International Conference Proceeding Series				25	28
Gorla S., Murthy N.L.B., Malapati A.	A comparative study of named entity recognition for Telugu	2017	ACM International Conference Proceeding Series				21	24
Cheruvath R.	Does Studying 'Ethics' Improve Engineering Students' Meta-Moral Cognitive Skills?	2017	Science and Engineering Ethics				1	14
Siiekhar C., Raina A.A., Kumar A., Iqbal J.	A survey on queues in machining system: Progress from 2010 to 2017	2017	Yugoslav Journal of Operations Research	27	4		391	413

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Chatterjee A., Banerjee M., Khandare D.G., Gawas R.U., Mascarenhas S.C., Ganguly A., Gupta R., Joshi H.	Aggregation-Induced Emission-Based Chemodosimeter Approach for Selective Sensing and Imaging of Hg(II) and Methylmercury Species	2017	Analytical Chemistry	89	23		12698	12704
Srinivasulu A., Pal D.	CCII+ based dual square-and-triangular waveform generator	2017	Proceedings of the 9th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2017	2017-January			1	6
Shailender J., Ravi P.R., Saha P., Myneni S.	Oral pharmacokinetic interaction of ester rich fruit juices and pharmaceutical excipients with tenofovir disoproxil fumarate in male Wistar rats	2017	Xenobiotica	47	12		1104	1111
Handa A.K., Godinho A., Singh T.	Distance Antimagic Labeling of the Ladder Graph	2017	Electronic Notes in Discrete Mathematics	63			317	322
Nagarjuna R., Challagulla S., Sahu P., Roy S., Ganesan R.	Polymerizable sol-gel synthesis of nano-crystalline WO ₃ and its photocatalytic Cr(VI) reduction under visible light	2017	Advanced Powder Technology	28	12		3265	3273
Goel S.	Microfluidic microbial fuel cell: On-chip automated and robust method to generate energy	2017	Microbial Fuel Cell: A Bioelectrochemical System that Converts Waste to Watts				229	247
Godinho A., Singh T.	Some Distance Magic Graphs	2017	Electronic Notes in Discrete Mathematics	63			311	315
Bijeesh M.M., Shakhi P.K., Arunkarthick S., Varier G.K., Nandakumar P.	Confocal imaging of single BaTiO ₃ nanoparticles by two-photon photothermal microscopy	2017	Scientific Reports	7	1	1643		
Manasi, Mohapatra S., Rajesh N., Rajesh V.	Impact of heavy metal lead stress on polyamine levels in Halomonas BVR 1 isolated from an industry effluent	2017	Scientific Reports	7	1	13447		
Chattopadhyay P., Karthick R.A.	Characterization and Application of Surfactant Foams Produced from Ethanol-Sodium Lauryl Sulfate-Silica Nanoparticle Mixture for Soil Remediation	2017	Macromolecular Symposia	376	1	1600182		
Uppada S.R., Akula M., Bhattacharya A., Dutta J.R.	Immobilized lipase from Lactobacillus plantarum in meat degradation and synthesis of flavor esters	2017	Journal of Genetic Engineering and Biotechnology	15	2		331	334

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Vinai M., Prasuna M.G.	Circumscribed by space and time: An assessment of the popularity and impact of traditional dance-drama krishnattam in the twenty-first century	2017	Asiatic	11	2		22	32
Kumar N., Joisher H., Ganguly A.	Polymeric scaffolds for pancreatic tissue engineering: A review	2017	Review of Diabetic Studies	14	4		334	353
Samanta G.C., Myrzakulov R.	Cosmological models constructed by van der Waals fluid approximation and volumetric expansion	2017	International Journal of Geometric Methods in Modern Physics	14	12	1750183		
Dave K., Krishna Venuganti V.V.	Dendritic polymers for dermal drug delivery	2017	Therapeutic Delivery	8	12		1077	1096
Shraavan S., Challagulla S., Banerjee S., Roy S.	Unusual photoluminescence of Cu–ZnO and its correlation with photocatalytic reduction of Cr(VI)	2017	Bulletin of Materials Science	40	7		1415	1420
Challagulla S., Tarafder K., Ganesan R., Roy S.	Structure sensitive photocatalytic reduction of nitroarenes over TiO ₂	2017	Scientific Reports	7	1	8783		
Kalikiri M.K., Mamidala M.P., Rao A.N., Rajesh V.	Analysis and functional characterization of sequence variations in ligand binding domain of thyroid hormone receptors in autism spectrum disorder (ASD) patients	2017	Autism Research	10	12		1919	1928
Sajja Y., Vanguru S., Vulupala H.R., Bantu R., Yogeswari P., Sriram D., Nagarapu L.	Design, synthesis and in vitro anti-tuberculosis activity of benzo[6,7]cyclohepta[1,2-b]pyridine-1,2,3-triazole derivatives	2017	Bioorganic and Medicinal Chemistry Letters	27	23		5119	5121
Kulsi C., Kargupta K., Ganguly S., Banerjee D.	Enhanced thermoelectric performance of n-type bismuth selenide doped with nickel	2017	Current Applied Physics	17	12		1609	1615
Baydar E., Gündüz M.G., Krishna V.S., Şimşek R., Sriram D., Yıldırım S.Ö., Butcher R.J., Şafak C.	Synthesis, crystal structure and antimycobacterial activities of 4-indolyl-1,4-dihydropyridine derivatives possessing various ester groups	2017	Research on Chemical Intermediates	43	12		7471	7489
Devarapu S.K., Kumar VR S., Rupanagudi K.V., Kulkarni O.P., Eulberg D., Klussmann S., Anders H.-J.	Reprint of “Dual blockade of the pro-inflammatory chemokine CCL2 and the homeostatic chemokine CXCL12 is as effective as high dose cyclophosphamide in murine proliferative lupus nephritis”	2017	Clinical Immunology	185			119	127

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Gopinath A., Bahurudeen A., Ramesh A., Kumar N.	Need of an efficient particle size analysis and its influence on properties of concrete	2017	Indian Concrete Journal	91	12		51	68
Jayamurugan P., Mariappan R., Premnazeer K., Ashokan S., Subba Rao Y.V., Seshagiri Rao N.V.S.S., Shanmugapriya C.	Investigation of Annealing Temperature on Structural and Morphological Properties of Cr ₂ O ₃ Nanoparticles for Humidity Sensor Application	2017	Sensing and Imaging	18	1	22		
Mohammed Arif P., Sarathchandran C., Narayanan A., Saiter A., Terzano R., Allegretta I., Porfido C., Kalarikkal N., Thomas S.	Multiwalled carbon nanotube promotes crystallisation while preserving co-continuous phase morphology of polycarbonate/polypropylene blend	2017	Polymer Testing	64			1	11
Nandwana N.K., Shinde V.N., Saini H.K., Kumar A.	Copper-Catalyzed One-Pot Tandem Reaction for the Synthesis of Imidazo[1,2-c][1,2,3]triazolo[1,5-a]quinazolines	2017	European Journal of Organic Chemistry	2017	43		6445	6449
Balasubramanian M., Nandi S., Fathima S., Aparna S., Vuppala S.S., Poornalakshmi U., Pattnaik P.K.	MOEMS accelerometer based on grating coupler integrated with embossed diaphragm	2017	2017 Conference on Lasers and Electro-Optics Pacific Rim, CLEO-PR 2017	2017-January			1	4
Desikan A., Kalaichelvi V.	ANFIS modeling of photovoltaic systems to mitigate partially shaded conditions	2017	Proceedings of IEEE International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology, ICIEEIMT 2017	2017-January			181	186
Venkatesh V., Swarnalatha R.	Review and simulation of memristors using MATLAB and PSpice	2017	Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017			8118008		

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Shamroukh M., Chacko A., Kalaichelvi V., Kalimullah I.Q., Barlingay S.S., Chattopadhyay A.B.	Evaluation of control strategies in semi-active orthosis for suppression of upper limb pathological tremors	2017	Proceedings of IEEE International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology, ICIEEIMT 2017	2017- January			75	80
Singhal N., Singhal N., Kalaichelvi V.	Image classification using bag of visual words model with FAST and FREAK	2017	Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017			811786 1		
Josyula S.K., Narala S.K.R.	Machinability enhancement of stir cast Al-TiCp composites under cryogenic condition	2017	Materials and Manufacturing Processes	32	15		1764	1774
Dinachandra Singh M., Nayak B., Choudhury B., Sarit A., Dalvi A.	Li+-NASICON crystallites in PEO-LiCF3SO3 matrix: Characterization of a novel hybrid electrolyte	2017	Solid State Ionics	311			20	25
Pandey A., Gaikwad A.B.	AT2 receptor agonist Compound 21: A silver lining for diabetic nephropathy	2017	European Journal of Pharmacology	815			251	257
Suri D., Siva V., Joshi S., Senapati K., Sahoo P.K., Varma S., Patel R.S.	A study of electron and thermal transport in layered titanium disulphide single crystals	2017	Journal of Physics Condensed Matter	29	48	485708		
Gaikov G., Jeong S., Agaradahalli V.G., Park I.H., Budtz-Jørgensen C., Castro-Tirado A.J., Chen P., Jeong H.M., Kim J.E., Kim M.B., Kim S.W., Lee J., Leonov V., Nam J.W., Panasyuk M.I., Petrov V., Reglero V., Ripa J., Svertilov S.I., Tumarina M., Yashin I.	Slewing mirror telescope of the UFFO-pathfinder: first report on performance in space	2017	Optics Express	25	23		2914 3	2915 4

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Khurana P., Agarwal P., Shro G., Vig L., Srinivasan A.	Hybrid BiLSTM-siamese network for FAQ assistance	2017	International Conference on Information and Knowledge Management, Proceedings	Part F13184 1			537	545
Kumari P., Jain S., Ghosh B., Zorin V., Biswas S.	Polylactide-Based Block Copolymeric Micelles Loaded with Chlorin e6 for Photodynamic Therapy: In Vitro Evaluation in Monolayer and 3D Spheroid Models	2017	Molecular Pharmaceutics	14	11		3789	3800
Anand S., Muthusamy A., Dineshkumar S., Chandrasekaran J.	Oxidative polycondensation of benzimidazole using NaOCl: Synthesis, characterization, optical, thermal and electrical properties of polybenzimidazoles	2017	Journal of Molecular Structure	1147			351	363
Thapa A., Biswal S., Sood N., Ramchandran, Gokale T.	Development of a biosensor using photobacterium Spps. for the detection of environmental pollutants	2017	BioSMART 2017 - Proceedings: 2nd International Conference on Bio-Engineering for Smart Technologies			809534 5		
Nalband S., Valliappan C.A., Prince R.G.A.A., Agrawal A.	Feature extraction and classification of knee joint disorders using Hilbert Huang transform	2017	ECTI-CON 2017 - 2017 14th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology			809622 4	266	269
Kishore Kumar N., Schneider J.	Literature survey on low rank approximation of matrices	2017	Linear and Multilinear Algebra	65	11		2212	2244
Bandapati M., Dwivedi P.K., Krishnamurthy B., Kim Y.H., Kim G.M., Goel S.	Screening various pencil leads coated with MWCNT and PANI as enzymatic biofuel cell biocathode	2017	International Journal of Hydrogen Energy	42	44		2722 0	2722 9
Kadakol A., Goru S.K., Malek V., Gaikwad A.B.	Esculetin ameliorates vascular perturbation by intervening in the occupancy of H2BK120Ub at At1, At2, Tgfb1 and Mcp1 promoter gene in thoracic aorta of IR and T2D rats	2017	Biomedicine and Pharmacotherapy	95			1461	1468
Kunkolienkar R.S., Banerjee K.	Towards a dS/MERA correspondence	2017	International Journal of Modern Physics D	26	13	175014 3		
Dubey S.K., Singhvi G., Tyagi A., Agarwal H., Krishna K.V.	Spectrophotometric determination of pKa and Log P of Risperidone	2017	Journal of Applied Pharmaceutical Science	7	11		155	158
Naik K., Kowshik M.	The silver lining: towards the responsible and limited usage of silver	2017	Journal of Applied Microbiology	123	5		1068	1087

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Pai P.P., Dattatreya R.K., Mondal S.	Ensemble Architecture for Prediction of Enzyme-ligand Binding Residues Using Evolutionary Information	2017	Molecular Informatics	36	11	1700021		
Rompicharla S.V.K., Bhatt H., Shah A., Komanduri N., Vijayarathy D., Ghosh B., Biswas S.	Formulation optimization, characterization, and evaluation of in vitro cytotoxic potential of curcumin loaded solid lipid nanoparticles for improved anticancer activity	2017	Chemistry and Physics of Lipids	208			10	18
Bidkar A.P., Sanpui P., Ghosh S.S.	Efficient induction of apoptosis in cancer cells by paclitaxel-loaded selenium nanoparticles	2017	Nanomedicine	12	21		2641	2652
Kumar S., Nunes R.C.	Observational constraints on dark matter–dark energy scattering cross section	2017	European Physical Journal C	77	11	734		
Panda S., Mohapatra D.P.	Regression test suite minimization using integer linear programming model	2017	Software - Practice and Experience	47	11		1539	1560
Soumya J., Babu K.N., Chattopadhyay S.	Multi-Application Mapping onto a Switch-Based Reconfigurable Network-on-Chip Architecture	2017	Journal of Circuits, Systems and Computers	26	11	1750174		
Suresh Kumar K.R., Parameshwaran R., Kalaiselvam S.	Preparation and characterization of hybrid nanocomposite embedded organic methyl ester as phase change material	2017	Solar Energy Materials and Solar Cells	171			148	160
Bragança J.M., Furtado I.	Removal of cadmium by halobacterium strain R1 MTCC 3265 from saline and non-saline ecoiniches	2017	Indian Journal of Geo-Marine Sciences	46	11		2215	2219
Kumar V., Chatterjee A., Roy B.G., Banerjee M.	Corrigendum to “Synthesis of novel D-glucose based anionic bolaamphiphiles and their catalytic application in 1,3-dipolar nitrene cycloaddition reactions” [Catalysis Communications 94 (2017) 77–81](S1566736717300729)(10.1016/j.catcom.2017.02.021)	2017	Catalysis Communications	101			142	
Dongamanti A., Aamate V.K., Devulapally M.G., Gundu S., Balabadra S., Manga V., Yogeeswari P., Sriram D., Balasubramanian S.	Bis-spirochromanones as potent inhibitors of Mycobacterium tuberculosis: synthesis and biological evaluation	2017	Molecular Diversity	21	4		999	1010
Devi M.L., Reddy P.L., Yogeeswari P., Sriram D., Reddy T.V., Reddy B.V.S., Narender R.	Design and synthesis of novel triazole linked pyrrole derivatives as potent Mycobacterium tuberculosis inhibitors	2017	Medicinal Chemistry Research	26	11		2985	2999

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Kesavan P.E., Behera R.N., Mori S., Gupta I.	Carbazole Substituted BODIPYs: Synthesis, Computational, Electrochemical and DSSC Studies	2017	Journal of Fluorescence	27	6		2131	2144
Bishi B.K., Pacif S.K.J., Sahoo P.K., Singh G.P.	LRS Bianchi type-I cosmological model with constant deceleration parameter in f (R, T) gravity	2017	International Journal of Geometric Methods in Modern Physics	14	11	1750158		
Kulkarni P., Medishetti R., Nune N., Yellanki S., Sripuram V., Rao P., Sriram D., Saxena U., Oruganti S., Yogeeswari P.	Correlation of pharmacokinetics and brain penetration data of adult zebrafish with higher mammals including humans	2017	Journal of Pharmacological and Toxicological Methods	88			147	152
Brasil E.M., Canavieira L.M., Cardoso É.T.C., Silva E.O., Lameira J., Nascimento J.L.M., Eifler-Lima V.L., Macchi B.M., Sriram D., Bernhardt P.V., Silva J.R.A., Williams C.M., Alves C.N.	Inhibition of tyrosinase by 4H-chromene analogs: Synthesis, kinetic studies, and computational analysis	2017	Chemical Biology and Drug Design	90	5		804	810
Shekhar C., Jain M., Iqbal J., Raina A.A.	Threshold Control Policy for Maintainability of Manufacturing System with Unreliable Workstations	2017	Arabian Journal for Science and Engineering	42	11		4833	4851
Srinivasu J.V., Narendra K., Dey R., Rao G.S., Rao B.S.	Molecular interaction in binary mixtures of 1,4-butanediol+picolines: Viscometric approach	2017	Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry	56A	11		1154	1160
Hussaindeen J.R., Rakshit A., Singh N.K., George R., Swaminathan M., Kapur S., Scheiman M., Ramani K.K.	Prevalence of non-strabismic anomalies of binocular vision in Tamil Nadu: report 2 of BAND study	2017	Clinical and Experimental Optometry	100	6		642	648

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Bhavitha K.B., Nair A.K., Perumbilavil S., Joseph S., Kala M.S., Saha A., Narayanan R.A., Hameed N., Thomas S., Oluwafemi O.S., Kalarikkal N.	Investigating solvent effects on aggregation behaviour, linear and nonlinear optical properties of silver nanoclusters	2017	Optical Materials	73			695	705
Jindal A.B.	The effect of particle shape on cellular interaction and drug delivery applications of micro- and nanoparticles	2017	International Journal of Pharmaceutics	532	1		450	465
Sheelakumari R., Venkateswaran Rajagopalan, Chandran A., Varghese T., Zhang L., Yue G.H., Mathuranath P.S., Kesavadas C.	Quantitative analysis of grey matter degeneration in FTD patients using fractal dimension analysis	2017	Brain Imaging and Behavior				1	8
Goel L., Prakash A.	Sentiment Analysis of Online Communities Using Swarm Intelligence Algorithms	2017	Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			8082661	330	335
Saifullah M.S.M., Asbahi M., Binti-Kamran Kiyani M., Tripathy S., Ong E.A.H., Ibn Saifullah A., Tan H.R., Dutta T., Ganesan R., Valiyaveetil S., Chong K.S.L.	Direct Patterning of Zinc Sulfide on a Sub-10 Nanometer Scale via Electron Beam Lithography	2017	ACS Nano	11	10		9920	9929
Urolagin S.	Text Mining of Tweet for Sentiment Classification and Association with Stock Prices	2017	2017 International Conference on Computer and Applications, ICCA 2017			8079788	384	388
Nagaraju S., Rege V., Gudino L.J., Ramesha C.K.	Realistic directional antenna suite for cooja simulator	2017	2017 23rd National Conference on Communications, NCC 2017			8077141		

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Priya T.H., Parimi A.M.	Design of adaptive perturb and observe-fuzzy MPPT controller for high voltage gain multilevel boost converter	2017	2016 IEEE 7th Power India International Conference, PIICON 2016			8077290		
Gupta S., Singh S., Bhuvanawari G., Singh B., Mohan N.	A thyristorised phase-controlled cycloconverter based power electronic transformer for grid integration of renewable energy sources	2017	2016 IEEE 7th Power India International Conference, PIICON 2016			8077196		
Joshi S.L., Deshpande B.M., Punnekkat S.	An industrial survey on the influence of process and product attributes on software product reliability	2017	2017 International Conference on Networks and Advances in Computational Technologies, NetACT 2017			8076739	44	51
Kuna A.K., Kandpal K., Teja K.B.R.	An investigation of FinFET based digital circuits for low power applications	2017	Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2017			8074280		
Shrivastava R., Hota C., Shrivastava P.	Protection against code exploitation using ROP and check-summing in IoT environment	2017	2017 5th International Conference on Information and Communication Technology, ICoICT 2017			8074641		
Dhole S., Singh R., Paily R.	The effects of backbone fluorination on photovoltaic properties of polymers of thiophene, selenophene and tellurophene and their hexyl derivatives: A DFT study	2017	Proceedings of 2nd International Conference on 2017 Devices for Integrated Circuit, DevIC 2017			8074001	505	508
Vankudoth K., Velisoju V.K., Gutta N., Sathu N.K., Aytam H.P., Inkollu S., Akula V.	Zn-Modified CuCr2O4 as Stable and Active Catalyst for the Synthesis of 2,6-Dimethylpyrazine: Valorization of Crude Glycerol Obtained from a Biodiesel Plant	2017	Industrial and Engineering Chemistry Research	56	41		11664	11671
Saxena S., Abdullah M., Sriram D., Guruprasad L.	Discovery of novel inhibitors of Mycobacterium tuberculosis MurG: homology modelling, structure based pharmacophore, molecular docking, and molecular dynamics simulations	2017	Journal of Biomolecular Structure and Dynamics				1	15
Reddy C.H.S.S., Patlolla S., Agrawal A., Anupama K.R.	HexaMob-A hybrid modular robotic design for implementing biomimetic structures	2017	Robotics	6	4	27		
Naranje V.G., Karthikeyan R., Nair V.	Study of wear performance of deep drawing tooling	2017	IOP Conference Series: Materials Science and Engineering	244	1	12004		

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Gaidhane V.H., Navdeep, Rani A., Singh V.	An improved edge detection approach and its application in defect detection	2017	IOP Conference Series: Materials Science and Engineering	244	1	12017		
Baudha S., Dhakad S.K.	Miniaturized compact super broadband printed monopole antenna	2017	2017 International Conference On Nextgen Electronic Technologies: Silicon to Software, ICNETS2 2017			8067891	30	33
Rama J.S.K., Chauhan D.R., Sivakumar M.V.N., Vasana A., Murthy A.R.	Fracture properties of concrete using damaged plasticity model-A parametric study	2017	Structural Engineering and Mechanics	64	1		59	69
Dharur S., Hota C., Swaminathan K.	Energy efficient IoT framework for Smart Buildings	2017	Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017			8058288	793	800
Shailender J., Ravi P.R., Saha P., Dalvi A., Myneni S.	Tenofovir disoproxil fumarate loaded PLGA nanoparticles for enhanced oral absorption: Effect of experimental variables and in vitro, ex vivo and in vivo evaluation	2017	Colloids and Surfaces B: Biointerfaces	158			610	619
Ghosh B.K., Moitra D., Chandel M., Lulla H., Ghosh N.N.	Ag nanoparticle immobilized mesoporous TiO ₂ -cobalt ferrite nanocatalyst: A highly active, versatile, magnetically separable and reusable catalyst	2017	Materials Research Bulletin	94			361	370
Sen Gupta R.	Knowledge management and quality control in software outsourcing projects	2017	International Journal of Knowledge Management	13	4		31	55
Ghosh D., Sen S., Mohapatra S.	Modulation of proline metabolic gene expression in Arabidopsis thaliana under water-stressed conditions by a drought-mitigating Pseudomonas putida strain	2017	Annals of Microbiology	67	10		655	668
Kadumuri R.V., Vadrevu R.	LoopX: A Graphical User Interface-Based Database for Comprehensive Analysis and Comparative Evaluation of Loops from Protein Structures	2017	Journal of Computational Biology	24	10		1043	1049
Challagulla S., Nagarjuna R., Ganesan R., Roy S.	TiO ₂ synthesized by various routes and its role on environmental remediation and alternate energy production	2017	Nano-Structures and Nano-Objects	12			147	156

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Shekhawat K.	A computer-generated plus-shaped arrangement and its architectural applications	2017	Journal of Computational Design and Engineering	4	4		318	329
Rao R.V., More K.C.	Optimal design and analysis of mechanical draft cooling tower using improved Jaya algorithm [Conception optimale et analyse d'une tour de refroidissement à convection mécanique grâce à un algorithme Jaya amélioré]	2017	International Journal of Refrigeration	82			312	324
Sajja Y., Vanguru S., Vulupala H.R., Nagarapu L., Perumal Y., Sriram D., Nanubolu J.B.	Design, synthesis, and in vitro antituberculosis activity of benzo[6,7]cyclohepta[1,2-b]pyridine-1,3,4-oxadiazole derivatives	2017	Chemical Biology and Drug Design	90	4		496	500
Lenka S.S., Char P., Banik S.	Critical mass, moment of inertia and universal relations of rapidly rotating neutron stars with exotic matter	2017	International Journal of Modern Physics D	26	11	1750127		
Kishore R., Ramesha C.K., Gurugopinath S., Anupama K.R.	Performance analysis of superior selective reporting-based energy efficient cooperative spectrum sensing in cognitive radio networks	2017	Ad Hoc Networks	65			99	116
Dey P., Rangarajan V.	Improved fed-batch production of high-purity PHB (poly-3 hydroxy butyrate) by <i>Cupriavidus necator</i> (MTCC 1472) from sucrose-based cheap substrates under response surface-optimized conditions	2017	3 Biotech	7	5	310		
Gupta M., Rajagopalan V., Pioro E.P., Rao B.V.V.S.N.P.	Volumetric analysis of MR images for glioma classification and their effect on brain tissues	2017	Signal, Image and Video Processing	11	7		1337	1345
Sonu, Halder S., Kumari S., Aggrawal R., Aswal V.K., Saha S.K.	Study on interactions of cationic gemini surfactants with folded and unfolded bovine serum albumin: Effect of spacer group of surfactants	2017	Journal of Molecular Liquids	243			369	379
Lakshmi S., Manohar P., Natarajan K., Naga Sayanu P.	Design, fabrication, characterization of micromachined capacitive shunt switches with low actuation voltages and low temperature packaging	2017	Microsystem Technologies	23	10		4509	4522
Maiti A.P., Dubey B.	Stability and Bifurcation of a Fishery Model with Crowley-Martin Functional Response	2017	International Journal of Bifurcation and Chaos	27	11	1750174		

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Valentina P., Ilango K., Chander S., Murugesan S.	Design, synthesis and α -amylase inhibitory activity of novel chromone derivatives	2017	Bioorganic Chemistry	74			158	165
Maitra S., Siddhanti A., Sarkar S.	A differential fault attack on plantlet	2017	IEEE Transactions on Computers	66	10	7917296	1804	1808
Kalyana Rama J.S., Sivakumar M.V.N., Vasana A., Kubair S., Ramachandra Murthy A.	Plastic viscosity based mix design of self-compacting concrete with crushed rock fines	2017	Computers and Concrete	20	4		461	468
Mishra B., Ray P.P., Pacif S.K.J.	Dark energy cosmological models with general forms of scale factor	2017	European Physical Journal Plus	132	10	429		
Dewangan A.K., Mazumder S., Perumal Y., Chopra K., Pavurala N.	Preparation, characterization and anti-inflammatory effects of curcumin loaded carboxymethyl cellulose acetate butyrate nanoparticles on adjuvant induced arthritis in rats	2017	Journal of Drug Delivery Science and Technology	41			269	279
Biswal S., Prasanth A., Udayakumar R., Deva S., Gupta A.	Design of a suspension system and determining suspension parameters of a medium downforce small Formula type car	2017	MATEC Web of Conferences	124		7006		
Biswal S., Prasanth A., Udayakumar R., Sankaram M.N., Patel D.	Design of steering system for a small Formula type vehicle using tire data and slip angles	2017	MATEC Web of Conferences	124		7007		
Moldgy A., Parameshwaran R.	Solar thermal energy storage for heating applications - A review	2017	International Conference on 21st Century Energy Needs - Materials, Systems and Applications, ICTFCEN 2016			8052744		
Burman D., Ghosh R., Santra S., Kumar Ray S., Kumar Guha P.	Role of vacancy sites and UV-ozone treatment on few layered MoS ₂ nanoflakes for toxic gas detection	2017	Nanotechnology	28	43	435502		
Krishna P.V.K., Pattnaik P.K.	A novel algorithm to optimize cost of coherent long-haul DWDM network	2017	2017 4th International Conference on Signal Processing and Integrated Networks, SPIN 2017			8049933	145	148
Jariwala S., Phul S., Nagpal R., Goel S., Krishnamurthy B.	Modeling the performance of enzymatic glucose fuel cells	2017	Journal of Electroanalytical Chemistry	801			354	359

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Adimulam M.K., Divya A., Tejaswi K., Srinivas M.B.	A low power, low noise Programmable Analog Front End (PAFE) for biopotential measurements	2017	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS			8037695	3844	3847
Balaji A., Halder A., Patil K., Ruthvik T.S., Ca V., Jartarkar M., Baths V.	EEG-based classification of bilingual unspoken speech using ANN	2017	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS			8037000	1022	1025
Banerjee K., Sharma C., Bittu N.	Plunges in the Bombay stock exchange: Characteristics and indicators	2017	International Journal of Modern Physics B	31	22	1750160		
Swain R.R., Dash T., Khilar P.M.	An effective graph-theoretic approach towards simultaneous detection of fault(s) and cut(s) in wireless sensor networks	2017	International Journal of Communication Systems	30	13	e3273		
Suresh V.V.N.S., Regalla S.P., Gupta A.K.	Combined effect of thickness ratio and selective heating on weld line movement in stamped tailor-welded blanks	2017	Materials and Manufacturing Processes	32	12		1363	1367
Sainath B.	Power-constrained, spectral efficiency-optimal, green cooperative device-to-device communication systems	2017	IET Communications	11	13		2066	2073
Chopra P., Ghosh A., Roy B., Ghanty T.K.	Theoretical prediction of noble gas inserted halocarbenes: FN _g CX (N _g = Kr, and Xe; X = F, Cl, Br, and I)	2017	Chemical Physics	494			20	30
Krishnan J.N., Park S.-H., Kim S.K.	Aptamer-based single-step assay by the fluorescence enhancement on electroless plated nano Au substrate	2017	Sensors (Switzerland)	17	9	2044		
Malik T., Banerjee K., Jha T.K., Agrawal B.K.	Nuclear symmetry energy with mesonic cross-couplings in the effective chiral model	2017	Physical Review C	96	3	35803		
Hussain N.N., Regalla S.P., Rao Yendluri V.D.	Numerical investigation into the effect of various trigger configurations on crashworthiness of GFRP crash boxes made of different types of cross sections	2017	International Journal of Crashworthiness	22	5		565	581
Prakash B., Setia A., Alapatt D.	Numerical solution of nonlinear fractional SEIR epidemic model by using Haar wavelets	2017	Journal of Computational Science	22			109	118
Mishra B., Sahoo P.K., Ray P.P.	Accelerating dark energy cosmological model in two fluids with hybrid scale factor	2017	International Journal of Geometric Methods in Modern Physics	14	9	1750124		

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Singh M., Choudhary K., Srivastava A., Singh Sangwan K., Bhunia D.	A study on environmental and economic impacts of using waste marble powder in concrete	2017	Journal of Building Engineering	13			87	95
Uttaravalli A.N., Dinda S.	Kinetics of thermal decomposition of ketonic resins	2017	Materials Today Communications	12			88	94
Kadakol A., Malek V., Goru S.K., Pandey A., Gaikwad A.B.	Telmisartan and esculetin combination ameliorates type 2 diabetic cardiomyopathy by reversal of H3, H2A, and H2B histone modifications	2017	Indian Journal of Pharmacology	49	5		348	356
Francis T., Madhijagan M.	A comparison of cloud execution mechanisms: Fog, edge and clone cloud computing	2017	International Conference on Electrical Engineering, Computer Science and Informatics (EECSI)	4			446	450
Sharma N., Badheka D., Anpalagan A.	Simultaneous Power and Subchannel Allocation in Interference Limited OFDM-Based Cognitive Radio Network with Quality of Service Considerations	2017	Wireless Personal Communications	96	2		1691	1710
Tripathy S.K., Mishra B., Sahoo P.K.	Two fluid anisotropic dark energy models in a scale invariant theory	2017	European Physical Journal Plus	132	9	388		
Basu J., Vincent S., Murty B.S., Kramer M.J., Bhatt J.	Role of polyhedral order in glass to crystal transition dynamics in Zr60Cu10Al15Ni15 glass forming alloy	2017	Journal of Non-Crystalline Solids	471			256	263
Ali G.L., Kapur S., Chinmayi S., Fatima Q., Pise H., Khan A., Liyakat A., Jilova V., Dube U.	A study of genetic markers in patients of rheumatoid arthritis and their co-relation with severity of the disease	2017	Journal of Association of Physicians of India	65	September		32	36
Mitra B., Sural S., Vaidya J., Atluri V.	Migrating from RBAC to temporal RBAC	2017	IET Information Security	11	5		294	300
Bandekar D., Chouhan O.P., Mohapatra S., Hazra M., Hazra S., Biswas S.	Putative protein VC0395_0300 from Vibrio cholerae is a diguanylate cyclase with a role in biofilm formation	2017	Microbiological Research	202			61	70
Koley M.K., Duraipandy N., Kiran M.S., Varghese B., Manoharan P.T., Koley A.P.	DNA binding and cytotoxicity of some Cu(II)/Zn(II) complexes containing a carbohydrazone Schiff base ligand along with 1,10-phenanthroline as a coligand	2017	Inorganica Chimica Acta	466			538	550

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Venkateswaran S., Sarkar S.	Uptime-Optimized Cloud Architecture as a Brokered Service	2017	Proceedings - 47th Annual IEEE/IFIP International Conference on Dependable Systems and Networks Workshops, DSN-W 2017			8023716	129	132
Bhatnagar S., Dave K., Venuganti V.V.K.	Microneedles in the clinic	2017	Journal of Controlled Release	260			164	182
Dhanarajan G., Rangarajan V., Bandi C., Dixit A., Das S., Ale K., Sen R.	Biosurfactant-biopolymer driven microbial enhanced oil recovery (MEOR) and its optimization by an ANN-GA hybrid technique	2017	Journal of Biotechnology	256			46	56
Mandal A., Choubisa R.	On the effects of Orbital Angular Momentum (OAM) and impact parameters on (e, 2e) process on atoms by twisted electron	2017	Journal of Physics: Conference Series	875	6	52047		
Ramagiri S., Taliyan R.	Protective effect of remote limb post conditioning via upregulation of heme oxygenase-1/BDNF pathway in rat model of cerebral ischemic reperfusion injury	2017	Brain Research	1669			44	54

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Moraes P.H.R.S., Sahoo P.K.	Modeling wormholes in f (R,T) gravity	2017	Physical Review D	96	4	46020		
Venkatesan A., Rathi S., Lee I.-Y., Park J., Lim D., Kang M., Joh H.-I., Kim G.-H., Kannan E.S.	Molybdenum disulfide nanoparticles decorated reduced graphene oxide: Highly sensitive and selective hydrogen sensor	2017	Nanotechnology	28	36	365501		
Chitraganti S., Toth R., Meskin N., Mohammadpour J.	Stochastic model predictive tracking of piecewise constant references for LPV systems	2017	IET Control Theory and Applications	11	12		1862	1872
Aiyer A.K., Subramanian K., Bhat P.	Passive scalar mixing and decay at finite correlation times in the Batchelor regime	2017	Journal of Fluid Mechanics	824			785	817
Jain S., Chaturvedi N., Gurunaryanan S.	Design and analysis of 6T SRAM cell with NBL write assist technique using FinFET	2017	2017 International Conference on Computer, Communications and Electronics, COMPTHELIX 2017			8004047	639	644
Himabindu T., Teja A.V.R., Bhuvanewari G., Singh B.	Predictive torque control of a three-level reduced switch inverter fed induction motor drive	2017	IEEE International Symposium on Industrial Electronics			8001271	348	353
Katoch M., Paul A., Singh G., Sridhar S.N.C.	Fungal endophytes associated with Viola odorata Linn. as bioresource for pancreatic lipase inhibitors	2017	BMC Complementary and Alternative Medicine	17	1	385		
Himabindu T., Teja A.V.R., Bhuvanewari G., Singh B.	Simplified predictive torque control of an im drive with efficient zero vector placement	2017	IEEE International Symposium on Industrial Electronics			8001273	362	367
Srinivasa Reddy K., Sahoo S.K.	An approach for fixed coefficient RNS-based FIR filter	2017	International Journal of Electronics	104	8		1358	1376
Pawar V., Appari S., Monder D.S., Janardhanan V.M.	Study of the Combined Deactivation Due to Sulfur Poisoning and Carbon Deposition during Biogas Dry Reforming on Supported Ni Catalyst	2017	Industrial and Engineering Chemistry Research	56	30		8448	8455
Singh A.P., Chakrabarti S., Kumar S., Singh A.	Assessment of air quality in Haora River basin using fuzzy multiple-attribute decision making techniques	2017	Environmental Monitoring and Assessment	189	8	373		
Roul R.K., Asthana S.R., Kumar G.	Study on suitability and importance of multilayer extreme learning machine for classification of text data	2017	Soft Computing	21	15		4239	4256
Prusty A.K., Bhand S.	PoPD Modified ITO Based Capacitive Immunosensor for Sulphathiazole	2017	Electroanalysis	29	8		1867	1875

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Kadakol A., Malek V., Goru S.K., Pandey A., Sharma N., Gaikwad A.B.	Esculetin ameliorates insulin resistance and type 2 diabetic nephropathy through reversal of histone H3 acetylation and H2A lysine 119 monoubiquitination	2017	Journal of Functional Foods	35			256	266
Kumari S., Sonu, Sundar G., Saha S.K.	Effect of organic and a Hofmeister series of inorganic counterions on the solvation dynamics and rotational relaxation in aqueous micelles of hexadecyltrimethylammonium surfactants	2017	Journal of Photochemistry and Photobiology A: Chemistry	345			98	108
Pandey A., Raj P., Goru S.K., Kadakol A., Malek V., Sharma N., Gaikwad A.B.	Esculetin ameliorates hepatic fibrosis in high fat diet induced non-alcoholic fatty liver disease by regulation of FoxO1 mediated pathway	2017	Pharmacological Reports	69	4		666	672
Pai P.P., Mondal S.	Applying knowledge of enzyme biochemistry to the prediction of functional sites for aiding drug discovery	2017	Current Topics in Medicinal Chemistry	17	21		2401	2421
Ramya P.V.S., Angapelly S., Babu B.N., Digwal C.S., Nagarsenkar A., Gannoju S., Prasanth B., Arifuddin M., Kanneboina K., Rangan K., Kamal A.	Metal-Free C–C Bond Cleavage: One-Pot Access to 1,4-Benzoquinone-linked N-Formyl Amides/Sulfonamides/Carbamates using Oxone	2017	Asian Journal of Organic Chemistry	6	8		1008	1013
Saddhe A.A., Jamdade R.A., Kumar K.	Evaluation of multilocus marker efficacy for delineating mangrove species of West Coast India	2017	PLoS ONE	12	8	e0183245		
Pandey M., Joshi G.M., Ghosh N.N.	Ionic conductivity and diffusion coefficient of barium-chloride-based polymer electrolyte with poly(vinyl alcohol)–poly(4-styrenesulphonic acid) polymer complex	2017	Bulletin of Materials Science	40	4		655	666
Prabhudesai R.S., Prasad C.V.V.S.N.V., Ang B.C.	Exploring Emerging Latin America: Implications for German Companies Using Spain as a Springboard Country	2017	Global Business Review	18	4		993	1009
Handa A.K., Godinho A., Singh T., Arumugam S.	Distance antimagic labeling of join and corona of two graphs	2017	AKCE International Journal of Graphs and Combinatorics	14	2		172	177
Roy A., Zhao Y., Yang Y., Szeitz A., Klassen T., Li S.-D.	Selective targeting and therapy of metastatic and multidrug resistant tumors using a long circulating podophyllotoxin nanoparticle	2017	Biomaterials	137			11	22

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Balaji S., Zhou Y., Opara E.C., Soker S.	Combinations of Activin A or Nicotinamide with the Pancreatic Transcription Factor PDX1 Support Differentiation of Human Amnion Epithelial Cells Toward a Pancreatic Lineage	2017	Cellular Reprogramming	19	4		255	262
Kumar V., Sairam S.D.S.S., Kumar S., Singh A., Nayak D., Sah R., Mahapatra P.C.	Prediction of Iron Ore Sinter Properties Using Statistical Technique	2017	Transactions of the Indian Institute of Metals	70	6		1661	1670
Kumar P., Kumar R., Singh B., Malik R., Sharma G., Chitkara D., Katare O.P., Raza K.	Biocompatible Phospholipid-Based Mixed Micelles for Tamoxifen Delivery: Promising Evidences from In - Vitro Anticancer Activity and Dermatokinetic Studies	2017	AAPS PharmSciTech	18	6		2037	2044
Pilkar R., Yarossi M., Ramanujam A., Rajagopalan V., Bayram M.B., Mitchell M., Canton S., Forrest G.	Application of Empirical Mode Decomposition Combined with Notch Filtering for Interpretation of Surface Electromyograms during Functional Electrical Stimulation	2017	IEEE Transactions on Neural Systems and Rehabilitation Engineering	25	8	7733068	1268	1277
Challagulla S., Roy S.	The role of fuel to oxidizer ratio in solution combustion synthesis of TiO ₂ and its influence on photocatalysis	2017	Journal of Materials Research	32	14		2764	2772
Adimulam M.K., Movva K.K., Kolluru K., Srinivas M.B.	A 0.32 μ w, 76.8 dB SNDR Programmable Gain Instrumentation Amplifier for Bio-Potential Signal Processing Applications	2017	Proceedings of IEEE Computer Society Annual Symposium on VLSI, ISVLSI	2017-July		7987597	655	660
Hota C., Shrivastava R.K., Shipra S.	Tamper-resistant code using optimal ROP gadgets for IoT devices	2017	2017 13th International Wireless Communications and Mobile Computing Conference, IWCMC 2017			7986348	570	575
Padidela U.K., Behera R.N.	Interactions in charged colloidal suspensions: A molecular dynamics simulation study	2017	AIP Conference Proceedings	1859		20111		
Das D., Sharma P.	Algorithm for prediction of negative links using sentiment analysis in social networks	2017	2017 13th International Wireless Communications and Mobile Computing Conference, IWCMC 2017			7986518	1570	1575

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Rajendran S., Lourde R.M.	Ab-initio study on FinFETs and their application in IoT aided robotics	2017	Proceedings - 2016 6th International Symposium on Embedded Computing and System Design, ISED 2016			7977051	38	42
Kaushik M.K., Yoganandam Y.	Studies on route sustenance and outage probability in cognitive mobile secondary user networks	2017	Proceedings - 2016 6th International Symposium on Embedded Computing and System Design, ISED 2016			7977090	245	248
Guliani G.S., Bagga R.	Time sharing based multithreading approach to Quicksort	2017	3rd IEEE International Conference on			7977314		
Charan T.V., Manga P.A.	Placing IPFC at multiple generator connected grid for reducing short circuit current	2017	Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICSPSPIC 2015			7974059	90	95
Gayatri M.T.L., Parimi A.M., Kumar A.V.P.	Reactive power compensation in microgrids using custom power devices	2017	Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICSPSPIC 2015			7974060	96	104
Vijay M.D., Shah K., Bhuvanewari G., Singh B.	LED based street lighting with automatic intensity control using solar PV	2017	Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICSPSPIC 2015			7974074	197	202
Goutham V., Himabindu T., Vikas V., Singh G.B.B.	Performance improvement using a multi-level converter in a DTC based induction motor drive	2017	Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICSPSPIC 2015			7974053	52	59
Parimi A.M., Elamvazuthi I., Kumar A.V.P., Cherian V.	Fuzzy logic based control for IPFC for damping low frequency oscillations in multimachine power system	2017	Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICSPSPIC 2015			7974050	32	36

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Sahoo P.K., Sahoo P., Bishi B.K., Aygün S.	Magnetized strange quark model with Big Rip singularity in $f(R, T)$ gravity	2017	Modern Physics Letters A	32	21	1750105		
Martin A., Sarkar A.	Overview on biological implications of metal oxide nanoparticle exposure to human alveolar A549 cell line	2017	Nanotoxicology	11	6		713	724
Kurhe Y., Mahesh R.	Ondansetron ameliorates depression associated with obesity in high-fat diet fed experimental mice: An investigation-based on the behavioral, biochemical, and molecular approach	2017	Indian Journal of Pharmacology	49	4		290	296
Pamidipati S., Ahmed A.	Erratum to: Degradation of Lignin in Agricultural Residues by locally Isolated Fungus <i>Neurospora discreta</i> (Applied Biochemistry and Biotechnology, (2017), 181, 4, (1561-1572), 10.1007/s12010-016-2302-6)	2017	Applied Biochemistry and Biotechnology	182	3		1256	1257
Cheruvath R.	Does attending classes help foster human values in college students?	2017	Active Learning in Higher Education	18	2		143	155
Tiwari P., Bhat A.K., Tikoria J.	Relationship between entrepreneurship education and entrepreneurial intentions: A validation study	2017	Entrepreneurship Education: Experiments with Curriculum, Pedagogy and Target Groups				171	188
Moraes P.H.R.S., Sahoo P.K.	The simplest non-minimal matter–geometry coupling in the $f(R, T)$ cosmology	2017	European Physical Journal C	77	7	480		
Ravi P.R., Vats R.	Comparative pharmacokinetic evaluation of lopinavir and lopinavir-loaded solid lipid nanoparticles in hepatic impaired rat model	2017	Journal of Pharmacy and Pharmacology	69	7		823	833
Sharma D.K., Dwara R.S.V., Botre B.A., Akbar S.A., Kishore K.	Erratum to: Temperature control and readout circuit interface for Mox based NH ₃ gas sensor (Microsystem Technologies, (2017), 23, 5, (1575-1583), 10.1007/s00542-016-3126-6)	2017	Microsystem Technologies	23	7		3017	
Sankaran V.P., Dubey S., Sharma A., Agarwal A., Goel S.	Stereolithographic 3D printed microfluidic viscometer for rapid detection of automobile fuel adulteration	2017	Sensor Letters	15	7		545	551
Islam S.K.H., Amin R., Biswas G.P., Farash M.S., Li X., Kumari S.	An improved three party authenticated key exchange protocol using hash function and elliptic curve cryptography for mobile-commerce environments	2017	Journal of King Saud University - Computer and Information Sciences	29	3		311	324

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Chadha M., Ilsche T., Bielert M., Nagel W.E.	A Statistical Approach to Power Estimation for x86 Processors	2017	Proceedings - 2017 IEEE 31st International Parallel and Distributed Processing Symposium Workshops, IPDPSW 2017			7965149	1012	1019
Kumar A.S., Mazumdar S.	Forecasting HPC workload using ARMA models and SSA	2017	Proceedings - 2016 15th International Conference on Information Technology, ICIT 2016			7966851	294	297
Chitraganti S., Toth R., Meskin N., Mohammadpour J.	Stochastic model predictive control for LPV systems	2017	Proceedings of the American Control Conference			7963835	5654	5659
Agrawal A., Jadhav A., Pareekutty N., Mogili S., Shah S.V.	Terrain adaptive posture correction in quadruped for locomotion on unstructured terrain	2017	ACM International Conference Proceeding Series	Part F132085		a46		
Bandyopadhyay S., Banerjee K.	PRESGen: A fully automatic equivalence checker for validating optimizing and parallelizing transformations	2017	SEM4HPC 2017 - Proceedings of the 2017 Workshop on Software Engineering Methods for Parallel and High Performance Applications, co-located with HPDC 2017				13	20
Bibina V.C., Chakraborty U., Lourde M.R., Kumar A.	Time-frequency methods for diagnosing Alzheimer's disease using EEG – A technical review	2017	ACM International Conference Proceeding Series	Part F130950			49	54
Labala S., Jose A., Chawla S.R., Khan M.S., Bhatnagar S., Kulkarni O.P., Venuganti V.V.K.	Effective melanoma cancer suppression by iontophoretic co-delivery of STAT3 siRNA and imatinib using gold nanoparticles	2017	International Journal of Pharmaceutics	525	2		407	417
Fernandes J.R.D., Banerjee A.	Obesity, spermatogenesis, and male infertility	2017	Male Infertility: Understanding, Causes and Treatment				167	182

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Rastogi A., Sarkar A., Chakrabarty D.	Partial purification and identification of a metalloproteinase with anticoagulant activity from <i>Rhizostoma pulmo</i> (Barrel Jellyfish)	2017	Toxicon	132			29	39
Sreenivasulu B., Sreedhar I., Venugopal A., Reddy B.M., Raghavan K.V.	Thermokinetic Investigations of High Temperature Carbon Capture Using a Coal Fly Ash Doped Sorbent	2017	Energy and Fuels	31	6		6320	6328
Khairnar V.V., Ramesha C.K., Gudino L.J.	A reconfigurable microstrip cross parasitic patch antenna with two-dimensional beam scanning capability	2017	2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016			7947831		
Bhatia A., Patro R.K.	PMAC: A poll-based MAC protocol for wireless body area networks (WBANs)	2017	2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016			7947845		
Pandey A., Gaikwad A.B.	Compound 21 and Telmisartan combination mitigates type 2 diabetic nephropathy through amelioration of caspase mediated apoptosis	2017	Biochemical and Biophysical Research Communications	487	4		827	833
Reddy K.P.K., Yeleswarapu Y., Darak S.J.	Performance evaluation of cumulant feature based automatic modulation classifier on USRP testbed	2017	2017 9th International Conference on Communication Systems and Networks, COMSNETS 2017			7945409	393	394
Kalimullah I.Q., Desikan A., Kalaichelvi V.	Analysis of a proposed algorithm for point to point control of a 3 DOF robot manipulator	2017	2017 3rd International Conference on Control, Automation and Robotics, ICCAR 2017			7942705	289	292
Bhargava R., Sharma Y.	MSATS: Multilingual sentiment analysis via text summarization	2017	Proceedings of the 7th International Conference Confluence 2017 on Cloud Computing, Data Science and Engineering			7943126	71	76

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Suri D., Patel R.S.	Electron and thermal transport via variable range hopping in MoSe2 single crystals	2017	Applied Physics Letters	110	23	233108		
Tiwari S., Tiwari V.	Bluetooth worm propagation in mobile networks	2017	Proceedings - 2016 International Conference on Micro-Electronics and Telecommunication Engineering, ICMETE 2016			7938918	235	239
Khungar B., Roy A., Kumar A., Sadhu B., Sundararajan M.	Predicting the redox properties of uranyl complexes using electronic structure calculations	2017	International Journal of Quantum Chemistry	117	12	e25370		
Muddineti O.S., Ghosh B., Biswas S.	Current trends in the use of vitamin E-based micellar nanocarriers for anticancer drug delivery	2017	Expert Opinion on Drug Delivery	14	6		715	726
Swamy K.C.K., Chakravarty M., Debnath S., Reddy M.N.	Reaction of allenylphosphonates/allenyl phosphine oxides with thiocyanates/isothiocyanates or oxalyl chloride/AgNO3	2017	Phosphorus, Sulfur and Silicon and the Related Elements	192	6		763	768
Malek V., Gaikwad A.B.	Neprilysin inhibitors: A new hope to halt the diabetic cardiovascular and renal complications?	2017	Biomedicine and Pharmacotherapy	90			752	759
Singh S., Dasgupta M.S.	CO2 heat pump for waste heat recovery and utilization in dairy industry with ammonia based refrigeration [Utilisation d'une pompe à chaleur au CO2 pour récupérer et utiliser la chaleur perdue dans une laiterie équipée d'un système frigorifique à l'ammoniac]	2017	International Journal of Refrigeration	78			108	120
Muddineti O.S., Kumari P., Ray E., Ghosh B., Biswas S.	Curcumin-loaded chitosan-cholesterol micelles: Evaluation in monolayers and 3D cancer spheroid model	2017	Nanomedicine	12	12		1435	1453
Goru S.K., Kadakol A., Gaikwad A.B.	Hidden targets of ubiquitin proteasome system: To prevent diabetic nephropathy	2017	Pharmacological Research	120			170	179
Kalra J., Dhar A.	Double-stranded RNA-dependent protein kinase signalling and paradigms of cardiometabolic syndrome	2017	Fundamental and Clinical Pharmacology	31	3		265	279

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Raina H., Kaur S., Jindal A.B.	Development of efavirenz loaded solid lipid nanoparticles: Risk assessment, quality-by-design (QbD) based optimisation and physicochemical characterisation	2017	Journal of Drug Delivery Science and Technology	39			180	191
Sridhar S.N.C., Mutya S., Paul A.T.	Bis-indole alkaloids from <i>Tabernaemontana divaricata</i> as potent pancreatic lipase inhibitors: molecular modelling studies and experimental validation	2017	Medicinal Chemistry Research	26	6		1268	1278
Raychoudhury T., Surasani V.K.	Implication of surface modified NZVI particle retention in the porous media: Assessment with the help of 1-D transport model	2017	Journal of Earth System Science	126	4	56		
Govil N.K., Kumar P.	On L p inequalities involving polar derivative of a polynomial	2017	Acta Mathematica Hungarica	152	1		130	139
Sahoo P.K., Sahoo P., Bishi B.K.	Anisotropic cosmological models in f (R, T) gravity with variable deceleration parameter	2017	International Journal of Geometric Methods in Modern Physics	14	6	1750097		
Nittala R., Parimi A.M., Uma Rao K.	Application of PST source based DC link restoration for IDVR	2017	International Journal of Electrical and Computer Engineering	7	3		1103	1111
Samanta G.C., Myrzakulov R.	Imperfect fluid cosmological model in modified gravity	2017	Chinese Journal of Physics	55	3		1044	1054
Mitra M., Kargupta K., Ganguly S., Goswami S., Banerjee D.	Facile synthesis and thermoelectric properties of aluminum doped zinc oxide/polyaniline (AZO/PANI) hybrid	2017	Synthetic Metals	228			25	31
Kim Y.H., Sohn J.-W., Lee Y.K., Jung J., Jeong M., Goel S., Kim H.J., Choi S.-J.	Preparation of pH sensitive MMT/PEGMEA nanocomposite micropatterns by rapid and simple UV curing procedures	2017	Journal of Nanoelectronics and Optoelectronics	12	6		550	556
Kema V.H., Khan I., Jamal R., Vishwakarma S.K., Lakki Reddy C., Parwani K., Patel F., Patel D., Khan A.A., Mandal P.	Protective Effects of Diallyl Sulfide Against Ethanol-Induced Injury in Rat Adipose Tissue and Primary Human Adipocytes	2017	Alcoholism: Clinical and Experimental Research	41	6		1078	1092

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Keshari A.K., Singh A.K., Raj V., Rai A., Trivedi P., Ghosh B., Kumar U., Rawat A., Kumar D., Saha S.	p-TSA-promoted syntheses of 5H-benzo[h]thiazolo[2,3-b]quinazoline and indeno[1,2-d]thiazolo[3,2-a]pyrimidine analogs: Molecular modeling and in vitro antitumor activity against hepatocellular carcinoma	2017	Drug Design, Development and Therapy	11			1623	1642
Iyengar M., Sarkar A., Singh S.	A Collaborative Filtering based model for recommending graduate schools	2017	2017 7th International Conference on Modeling, Simulation, and Applied Optimization, ICMSAO 2017			7934910		
Muddineti O.S., Kumari P., Ghosh B., Torchilin V.P., Biswas S.	D - α -Tocopheryl Succinate/Phosphatidyl Ethanolamine Conjugated Amphiphilic Polymer-Based Nanomicellar System for the Efficient Delivery of Curcumin and to Overcome Multiple Drug Resistance in Cancer	2017	ACS Applied Materials and Interfaces	9	20		16778	16792
Kalimullah I.Q., Shamroukh M., Sahar N., Shetty S.	Autonomous Hybrid Priority Queueing for Scheduling Residential Energy Demands	2017	IOP Conference Series: Materials Science and Engineering	199	1	12110		
De R., Tripathi S., Naidu S.C., Prathap C., Tripathi J., Singh J., Haque S.M., Rao K.D., Sahoo N.K.	Investigation on optical properties of spin coated TiO ₂ /Co composite thin films	2017	AIP Conference Proceedings	1832		80038		
Yang Y., Roy A., Zhao Y., Undzys E., Li S.-D.	Comparison of Tumor Penetration of Podophyllotoxin-Carboxymethylcellulose Conjugates with Various Chemical Compositions in Tumor Spheroid Culture and in Vivo Solid Tumor	2017	Bioconjugate Chemistry	28	5		1505	1518
Fernandes J.R.D., Jain S., Banerjee A.	Expression of ODC1, SPD, SPM and AZIN1 in the hypothalamus, ovary and uterus during rat estrous cycle	2017	General and Comparative Endocrinology	246			9	22

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Chavanis P.-H., Kumar S.	Comparison between the Logotropic and Λ CDM models at the cosmological scale	2017	Journal of Cosmology and Astroparticle Physics	2017	5	18		
Jain V., Agarwal P.	Symptomatic diagnosis and prognosis of psychiatric disorders through personal gadgets	2017	Conference on Human Factors in Computing Systems - Proceedings	Part F12765	5		118	123
Udumula M.P., Babu M.S., Bhat A., Dhar I., Sriram D., Dhar A.	High glucose impairs insulin signaling via activation of PKR pathway in L6 muscle cells	2017	Biochemical and Biophysical Research Communications	486	3		645	651
Singh S., Tripathi S., Batabyal S.	Utilization based secured dynamic scheduling algorithm for real-time applications on grid (U-SDSA)	2017	Proceedings - International Conference on Advanced Information Networking and Applications, AINA			7920964	606	613
Ghosh Chaudhuri R.	Metal/semiconductor core/shell nanostructures for environmental remediation	2017	Metal Semiconductor Core-shell Nanostructures for Energy and Environmental Applications				79	98
Mane P., Mishra S., Deliwala R., Ramesha C.K.	Adder implementation in reconfigurable resistive switching crossbar	2017	Proceedings - International Symposium on Quality Electronic Design, ISQED			7918349	403	408
Sajeevan K.A., Roy D.	Temperature-dependent molecular dynamics study reveals an ionic liquid induced 310- to α -helical switch in a neurotoxin	2017	Biopolymers	108	3	e23009		
P R C., Theresa John T.	The influence of vacuum and annealing on the visible luminescence in ZnO nanoparticles	2017	Journal of Luminescence	185			212	218
Venkatesan A., Kannan E.S.	Highly ordered copper oxide (Cu ₂ O) nanopillar arrays using template assisted electrodeposition technique and their temperature dependent electrical characteristics	2017	Current Applied Physics	17	5		806	812
Rao R.V., More K.C., Coelho L.S., Mariani V.C.	Multi-objective optimization of the Stirling heat engine through self-adaptive Jaya algorithm	2017	Journal of Renewable and Sustainable Energy	9	3	33703		

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Marques A., Narala S.K.R., Machado A.R., Gunda R.K., Josyula S.K., Da Silva R.B., Da Silva M.B.	Performance assessment of MQSL: Minimum quantity solid lubricant during turning of Inconel 718	2017	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	231	7		1144	1159
Srinivasa Raju K., Sonali P., Nagesh Kumar D.	Ranking of CMIP5-based global climate models for India using compromise programming	2017	Theoretical and Applied Climatology	128	43193		563	574
Pavan Kumar A.V., Parimi A.M., Rao K.U.	Performance analysis of FLC controlled PV-wind hybrid power system for dc load with real-time data in Matlab, Simulink	2017	Journal of Electrical and Electronics Engineering	10	1		15	20
Khalid Baig M.Z., Pawar S., Prasad Tulichala R.N., Nag A., Chakravarty M.	A single fluorescent probe as systematic sensor for multiple metal ions: Focus on detection and bio-imaging of Pd ²⁺	2017	Sensors and Actuators, B: Chemical	243			226	233
Sharma D.K., Dwara R.S.V., Botre B.A., Akbar S.A.	Temperature control and readout circuit interface for Mox based NH ₃ gas sensor	2017	Microsystem Technologies	23	5		1575	1583
Sahoo S.K., Akhilesh G., Sahoo R., Muglikar M.	High-Performance Ternary Adder Using CNTFET	2017	IEEE Transactions on Nanotechnology	16	3	7809029	368	374
Hussaindeen J.R., Rakshit A., Singh N.K., Swaminathan M., George R., Kapur S., Scheiman M., Ramani K.K.	Binocular vision anomalies and normative data (BAND) in Tamil Nadu: report 1	2017	Clinical and Experimental Optometry	100	3		278	284
Bhatnagar S., Chawla S.R., Kulkarni O.P., Venuganti V.V.K.	Zein Microneedles for Transcutaneous Vaccine Delivery: Fabrication, Characterization, and in Vivo Evaluation Using Ovalbumin as the Model Antigen	2017	ACS Omega	2	4		1321	1332
Mitra M., Ghosh A., Mondal A., Kargupta K., Ganguly S., Banerjee D.	Facile synthesis of aluminium doped zinc oxide-polyaniline hybrids for photoluminescence and enhanced visible-light assisted photo-degradation of organic contaminants	2017	Applied Surface Science	402			418	428
Balakrishna Moorthy C., Deshmukh M.K.	Assessment of wind power potential in a region of Goa, India	2017	IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2016	2016-January			1	4

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Jose A., Labala S., Venuganti V.V.K.	Co-delivery of curcumin and STAT3 siRNA using deformable cationic liposomes to treat skin cancer	2017	Journal of Drug Targeting	25	4		330	341
Dubey R., Nath S., Harsha K., Vinay D.R.S., Bayya M., Rao B.V.S.S.N.P., Rao U.M., Muthukrishnan N.M.	Smart home management with online power measurement	2017	IEEE Region 10 Humanitarian Technology Conference 2016, R10-HTC 2016 - Proceedings			7906848		
Dalavi S.B., Panda R.N.	Observation of high coercive fields in chemically synthesized coated Fe-Pt nanostructures	2017	Journal of Magnetism and Magnetic Materials	428			306	312
Jindal A.B., Bachhav S.S., Devarajan P.V.	In situ hybrid nano drug delivery system (IHN-DDS) of antiretroviral drug for simultaneous targeting to multiple viral reservoirs: An in vivo proof of concept	2017	International Journal of Pharmaceutics	521	43132		196	203
Aparna S., Purnima D., Adusumalli R.B.	Review on Various Compatibilizers and its Effect on Mechanical Properties of Compatibilized Nylon Blends	2017	Polymer - Plastics Technology and Engineering	56	6		617	634
Pai P.P., Dash T., Mondal S.	Sequence-based discrimination of protein-RNA interacting residues using a probabilistic approach	2017	Journal of Theoretical Biology	418			77	83
Das M., Agrawal A., Sonone A., Gupta R., Upadhyay D., Rao Y.V.D., Javed A.	Developing a bioinspired pole climbing robot	2017	Proceedings of 2016 International Conference on Robotics: Current Trends and Future Challenges (RCTFC)			7893400		
Jaya Krishna D., Kochar S.	The Metallographic Study of Corrosion of Metals with Latent Heat Storage Materials Suitable for Solar Hot Water System	2017	Transactions of the Indian Ceramic Society	76	2		133	141
Datta T.K.	Inventory system with defective products and investment opportunity for reducing defective proportion	2017	Operational Research	17	1		297	312
Srivastava P., Kowshik M.	Fluorescent lead(IV) sulfide nanoparticles synthesized by Idiomarina sp. strain PR58-8 for bioimaging applications	2017	Applied and Environmental Microbiology	83	7	e03091-16		
Singh A.C., Bacher G., Bhand S.	A label free immunosensor for ultrasensitive detection of 17 β -Estradiol in water	2017	Electrochimica Acta	232			30	37

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Seshagiri Rao N.V.S.S., Murthy V.S.N.	Comparative Study of Magnetization Reversal Process Between Elliptical and Rectangular CoFe Nanomagnets	2017	Transactions of the Indian Institute of Metals	70	3		567	572
Mandapalli P.K., Labala S., Jose A., Bhatnagar S., Janupally R., Sriram D., Venuganti V.V.K.	Layer-by-Layer Thin Films for Co-Delivery of TGF- β siRNA and Epidermal Growth Factor to Improve Excisional Wound Healing	2017	AAPS PharmSciTech	18	3		809	820
Pamidipati S., Ahmed A.	Degradation of Lignin in Agricultural Residues by locally Isolated Fungus Neurospora discreta	2017	Applied Biochemistry and Biotechnology	181	4		1561	1572
Pratap S.	Transmission and LDOS in case of ZGNR with and without magnetic field	2017	Superlattices and Microstructures	104			540	546
Sharma S., Rajesh N.	Expeditious preparation of β -cyclodextrin grafted chitosan using microwave radiation for the enhanced palladium adsorption from aqueous waste and an industrial catalyst	2017	Journal of Environmental Chemical Engineering	5	2		1927	1935
Garg H., Singh G.	Solution of two-parameter cohesive law using Chebyshev polynomials for singular integral equation	2017	Theoretical and Applied Fracture Mechanics	88			117	129
Gunda R.K., Narala S.K.R.	Electrostatic high-velocity solid lubricant machining system for performance improvement of turning Ti-6Al-4V alloy	2017	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture					
Samanta G.C., Myrzakulov R., Shah P.	Kaluza-Klein bulk viscous fluid cosmological models and the validity of the second law of thermodynamics in $f(R, T)$ gravity	2017	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	72	4		365	374
Deoghare C., Nadkarni V.S., Behera R.N., Chauhan R.	Synthesis and characterization of copolymers of methyl methacrylate with n-arylitaconimides via AGET-ATRP	2017	Journal of Polymer Materials	34	2		455	466
Kotkunde N., Krishna G., Shenoy S.K., Gupta A.K., Singh S.K.	Experimental and theoretical investigation of forming limit diagram for Ti-6Al-4V alloy at warm condition	2017	International Journal of Material Forming	10	2		255	266

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Weidenbusch M., Kulkarni O.P., Anders H.-J.	The innate immune system in human systemic lupus erythematosus	2017	Clinical Science	131	8		625	634
Aneja G., Yegnanarayana B.	Extraction of fundamental frequency from degraded speech using temporal envelopes at high SNR frequencies	2017	IEEE/ACM Transactions on Audio Speech and Language Processing	25	4		829	838
Sudhakar A.V.V., Karri C., Jaya Laxmi A.	Profit based unit commitment for GENCOs using Lagrange Relaxation–Differential Evolution	2017	Engineering Science and Technology, an International Journal	20	2		738	747
Al-Aifan B., Parameshwaran R., Mehta K., Karunakaran R.	Performance evaluation of a combined variable refrigerant volume and cool thermal energy storage system for air conditioning applications [Évaluation de la performance d'un volume de frigorigène variable combiné à un système de stockage d'énergie thermique froide pour des applications de conditionnement d'air]	2017	International Journal of Refrigeration	76			271	295
Rakshit D., Murugan K., Biswas J.K., Satpathy K.K., Ganesh P.S., Sarkar S.K.	Environmental impact on diversity and distribution of tintinnid (Ciliata: Protozoa) along Hooghly Estuary, India: A multivariate approach	2017	Regional Studies in Marine Science	12			1	10
Baral S.S., Shekar K.R., Viswanathan V., Surendran G.	Dissolution kinetics of cerium from red mud	2017	Separation Science and Technology (Philadelphia)	52	5		883	891
Gopinath A., Adusumalli R.K., Vulligaddala V.B., Srinivas M.B.	A Switched-Capacitor Amplifier with True Rail-to-Rail Input Range without Using a Rail-to-Rail Op-Amp	2017	Proceedings - 2017 30th International Conference on VLSI Design and 2017 16th International Conference on Embedded Systems, VLSID 2017			7884799	329	334
Goel L., Singhal S., Mishra S., Mohanty S.	Hybridization of gravitational search algorithm and biogeography based optimization and its application on grid scheduling problem	2017	2016 9th International Conference on Contemporary Computing, IC3 2016			7880211		

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Govada A., Thomas V.S., Samal I., Sahay S.K.	Distributed multi-class rule based classification using RIPPER	2017	Proceedings - 2016 16th IEEE International Conference on Computer and Information Technology, CIT 2016, 2016 6th International Symposium on Cloud and Service Computing, IEEE SC2 2016 and 2016 International Symposium on Security and Privacy in Social Networks and Big Data, SocialSec 2016			787635 2	303	309
Thamatam N., John J., Sridhara S., Prakash K.V., Jambhalikar A., Giridhar M.S., Islam R., Saxena G., Thamarai V., Viswanathan M., Agrawal A.B.	A study on offset drift with temperature of MEMS inertial sensors	2017	2015 International Conference on Smart Sensors and Systems, IC-SSS 2015			787360 4		
Krishnagopal S., Lehnert J., Poel W., Zakharova A., Schöll E.	Synchronization patterns: From network motifs to hierarchical networks	2017	Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences	375	2088	201602 16		
Samuel F., Bhavani R.G.	GPS based system for detection and control of maritime boundary intruding boats	2017	Midwest Symposium on Circuits and Systems			787008 9		
Fernandes L.A., Bhavani R.G.	Comparative performance evaluation and assessment of organic light emitting diodes and light emitting diodes	2017	Midwest Symposium on Circuits and Systems			787008 8		
Mary L.R., Sinha S., Sarma T.V.C.	An efficient method of RFI and clutter removal in wind profiler spectra	2017	Midwest Symposium on Circuits and Systems			786999 9		
Ganjikunta G.K., Sahoo S.K.	An area-efficient and low-power 64-point pipeline Fast Fourier Transform for OFDM applications	2017	Integration, the VLSI Journal	57			125	131

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Chandran V.G., Waigaonkar S.D.	Rotational molding of linear low density polyethylene (LLDPE) fumed silica nanocomposites	2017	International Polymer Processing	32	1		50	57
Singh S., Singh A., Dasgupta M.S.	CFD Modeling of a Scroll Work Recovery Expander for Trans-critical CO ₂ Refrigeration System	2017	Energy Procedia	109			146	152
Gupta G., Mishra R.P.	A Failure Mode Effect and Criticality Analysis of Conventional Milling Machine Using Fuzzy Logic: Case Study of RCM	2017	Quality and Reliability Engineering International	33	2		347	356
Pathan J., Mondal S., Sarkar A., Chakrabarty D.	Daboialectin, a C-type lectin from Russell's viper venom induces cytoskeletal damage and apoptosis in human lung cancer cells in vitro	2017	Toxicon	127			11	21
Prusty A.K., Bhand S.	A capacitive sensor for 2,4-D determination in water based on 2,4-D imprinted polypyrrole coated pencil electrode	2017	Materials Research Express	4	3	35306		
Khan S.A., Shehu Y., Chen J.W.	Gap functions and existence of solution of simultaneous equilibrium problems	2017	Afrika Matematika	28	43132		249	261
Chintamani M.N., Paul P.	On some weighted zero-sum constants	2017	International Journal of Number Theory	13	2		301	308
Quadir A.	Spanning tree auctions: A complete characterization	2017	Mathematical Social Sciences	86			1	8
Datta S.P., Das P.K.	Performance of an automotive air conditioning system with the variation of state-of-charge of the storage battery [Performance d'un système de conditionnement d'air automobile avec variation de l'état de charge de la batterie d'accumulateurs]	2017	International Journal of Refrigeration	75			104	116
Rao P.C., Begum S., Sahai M., Sriram D.S.	Coptisine-induced cell cycle arrest at G2/M phase and reactive oxygen species–dependent mitochondria-mediated apoptosis in non-small-cell lung cancer A549 cells	2017	Tumor Biology	39	3			
Chaudhry S.A., Farash M.S., Naqvi H., Islam S.H., Shon T.	A Robust and Efficient Privacy Aware Handover Authentication Scheme for Wireless Networks	2017	Wireless Personal Communications	93	2		311	335

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Sharma A., Goud K.Y., Hayat A., Bhand S., Marty J.L.	Recent advances in electrochemical-based sensing platforms for aflatoxins detection	2017	Chemosensors	5	1	1		
Di Martino C., Sarkar S., Ganesan R., Kalbarczyk Z.T., Iyer R.K.	Analysis and diagnosis of SLA violations in a production SaaS cloud	2017	IEEE Transactions on Reliability	66	1	7835304	54	75
Das D., Kumar A.	Algorithm for Multicast Opportunistic Routing in Wireless Mesh Networks	2017	ACM International Conference Proceeding Series				250	255
Bhandari A., Gupta A., Das D.	Betweenness centrality updation and community detection in streaming graphs using incremental algorithm	2017	ACM International Conference Proceeding Series				159	164
Sharma N., Gaikwad A.B., Kulkarni Y.A.	Folic Acid in Pain: An Epigenetic Link	2017	Nutritional Modulators of Pain in the Aging Population				245	251
Kulkarni Y.A., Suryavanshi S.V., Auti S.T., Gaikwad A.B.	Capsicum: A Natural Pain Modulator	2017	Nutritional Modulators of Pain in the Aging Population				107	119
Garud M.S., Oza M.J., Gaikwad A.B., Kulkarni Y.A.	Natural Remedies for Treatment of Cancer Pain	2017	Nutritional Modulators of Pain in the Aging Population				101	106
Venkatesh V., Swain N., Srinivas G., Kumar P., Barshilia H.C.	Review on the machining characteristics and research prospects of conventional microscale machining operations	2017	Materials and Manufacturing Processes	32	3		235	262
Ranga S., Ghosal S.	Accurate quantum mechanical rate coefficients for D + H ₂ (v, j) reaction: From ultracold to thermal temperature limit	2017	Computational and Theoretical Chemistry	1102			69	73
Das B., Chakraborty A., Chakraborty S.	Effect of ionic charge on OH...Se hydrogen bond: A computational study	2017	Computational and Theoretical Chemistry	1102			127	138
Adimulam M.K., Srinivas M.B.	Modeling of EXG (ECG, EMG and EEG) non-idealities using MATLAB	2017	Proceedings - 2016 9th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2016			7852968	1584	1589

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Sinha S., Chandrasekhar Sarma T.V., Lourde M.R.	Doppler Feature Based Classification of Wind Profiler Data	2017	Journal of Physics: Conference Series	787	1	12028		
Verma S., Omanwar R., Sreejith V., Meera G.S.	A smartphone based indoor navigation system	2017	Proceedings of the International Conference on Microelectronics, ICM			784788 6	345	348
Chalapathi G.S.S., Manekar R., Chamola V., Anupama K.R., Gurunarayanan S.	Hardware validated efficient and simple Time Synchronization protocol for clustered WSN	2017	IEEE Region 10 Annual International Conference, Proceedings/TEN CON			784840 9	2162	2166
Limbasiya T., Das D.	Secure message transmission algorithm for Vehicle to Vehicle (V2V) communication	2017	IEEE Region 10 Annual International Conference, Proceedings/TEN CON			784848 5	2507	2512
Dave M., Tapiawala S., Er M.J., Venkatesan R.	A novel progressive multi-label classifier for class-incremental data	2017	2016 IEEE International Conference on Systems, Man, and Cybernetics, SMC 2016 - Conference Proceedings			784479 0	3589	3593
Joshi S.L., Deshpande B., Punnekkat S.	Do software reliability prediction models meet industrial perceptions?	2017	ACM International Conference Proceeding Series				66	73
Gorthi R.P., Sarkar S., Medvidovic N., Kulkarni V., Kumar A., Joshi P., Inverardi P., Sureka A., Sharma R.	Preface	2017	ACM International Conference Proceeding Series					
Kumari P., Muddineti O.S., Rompicharla S.V.K., Ghanta P., Adithya K.B.B.N., Ghosh B., Biswas S.	Cholesterol-conjugated poly(D, L-lactide)-based micelles as a nanocarrier system for effective delivery of curcumin in cancer therapy	2017	Drug Delivery	24	1		209	223
Thimmakonda V.S., Sekar B.	Is the bonding cumulenenic or polyacetylenic in nonatetraynylidene?	2017	Computational and Theoretical Chemistry	1101			1	7
Ghosh N.N., Rajput A.B.	Preparation of Mechanically Flexible Composites Composed of Polybenzoxazine-Linear Low-Density Polyethylene-Fumed Silica and Study of Their Properties	2017	Advanced and Emerging Polybenzoxazine Science and Technology				921	931

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Mishra P.P., Panda R.N.	Novel synthesis, characterization and magnetic properties of nano-structured γ -Mo ₂ N and γ -Co _{0.25} Mo _{1.75} N nitrides	2017	Materials Research Bulletin	86			241	247
Khan I., Ray Dutta J., Ganesan R.	Lactobacillus sps. lipase mediated poly (ϵ -caprolactone) degradation	2017	International Journal of Biological Macromolecules	95			126	131
Mishra B., Vadrevu S.	Cylindrically symmetric cosmological model of the universe in modified gravity	2017	Astrophysics and Space Science	362	2	26		
Singh M., Jadhav H.R., Bhatt T.	Dynamain functions and ligands: Classical mechanisms behind	2017	Molecular Pharmacology	91	2		123	134
Kumari S., Maurya S., Goyal P., Balasubramani am S.S., Goyal N.	Scalable Parallel Algorithms for Shared Nearest Neighbor Clustering	2017	Proceedings - 23rd IEEE International Conference on High Performance Computing, HiPC 2016			783967 1	72	81
Sinha S., Sarma T.V.C., Regeena M.L.	Estimation of Doppler Profile Using Multiparameter Cost Function Method	2017	IEEE Transactions on Geoscience and Remote Sensing	55	2	776379 5	932	942
Bolloju S., Srinivasan R.	Sub-micron-sized delafossite CuCrO ₂ with different morphologies synthesized by nitrate-citric acid sol-gel route	2017	Bulletin of Materials Science	40	1		195	199
Sreedhar I., Vaidhiswaran R., Kamani B.M., Venugopal A.	Process and engineering trends in membrane based carbon capture	2017	Renewable and Sustainable Energy Reviews	68			659	684
Srinivasan A., Bain M.	An empirical study of on-line models for relational data streams	2017	Machine Learning	106	2		243	276
Kadiri S.R., Yegnanarayana B.	Epoch extraction from emotional speech using single frequency filtering approach	2017	Speech Communication	86			52	63
Abdu-Allah H.H.M., Youssif B.G.M., Abdelrahman M.H., Abdel- Hamid M.K., Reshma R.S., Yogeeswari P., Aboul-Fadl T., Sriram D.	Synthesis and anti-mycobacterial activity of 4-(4-phenyl-1H-1,2,3-triazol-1-yl)salicylhydrazones: revitalizing an old drug	2017	Archives of Pharmacal Research	40	2		168	179
Roul R.K., Sahay S.K.	Semi-supervised clustering using seeded-kMeans in the feature space of ELM	2017	2016 IEEE Annual India Conference, INDICON 2016			783889 2		

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Girish K.V.V., Vijai V., Ramakrishnan A.G.	Relationship between spoken Indian languages by clustering of long distance bigram features of speech	2017	2016 IEEE Annual India Conference, INDICON 2016			7839074		
Ahuja A., Wei W., Carley K.M.	Microblog Sentiment Topic Model	2017	IEEE International Conference on Data Mining Workshops, ICDMW			7836780	1031	1038
Setia A., Prakash B., Vatsala A.S.	Haar based numerical solution of Fredholm-Volterra fractional integro-differential equation with nonlocal boundary conditions	2017	AIP Conference Proceedings	1798		20140		
Setia A., Sharma V., Liu Y.	Numerical method to solve Cauchy type singular integral equation with error bounds	2017	AIP Conference Proceedings	1798		20141		
Syed A., Lourde R.M.	Hardware security threats to DSP applications in an IoT network	2017	Proceedings - 2016 IEEE International Symposium on Nanoelectronic and Information Systems, iNIS 2016			7829523	62	66
Vudatha C., Phaneendra P.S., Srinivas M.B.	An efficient design methodology for CNFET based ternary logic circuits	2017	Proceedings - 2016 IEEE International Symposium on Nanoelectronic and Information Systems, iNIS 2016			7829568	278	283
Goyal P., Kumari S., Sharma S., Kumar D., Kishore V., Balasubramanian S., Goyal N.	A Fast, Scalable SLINK Algorithm for Commodity Cluster Computing Exploiting Spatial Locality	2017	Proceedings - 18th IEEE International Conference on High Performance Computing and Communications, 14th IEEE International Conference on Smart City and 2nd IEEE International Conference on Data Science and Systems, HPCC/SmartCity/DSS 2016			7828388	268	275
Chen Y., Kumar S., Ratra B.	DETERMINING the HUBBLE CONSTANT from HUBBLE PARAMETER MEASUREMENTS	2017	Astrophysical Journal	835	1	86		

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Nandwana N.K., Dhiman S., Saini H.K., Kumar I., Kumar A.	Synthesis of Quinazolinones, Imidazo[1,2-c]quinazolines and Imidazo[4,5-c]quinolines through Tandem Reductive Amination of Aryl Halides and Oxidative Amination of C(sp ³)-H Bonds	2017	European Journal of Organic Chemistry	2017	3		514	522
Tiwari N., Bellur U., Sarkar S., Indrawan M.	CPU frequency tuning to improve energy efficiency of mapreduce systems	2017	Proceedings of the International Conference on Parallel and Distributed Systems - ICPADS			7823850	1015	1022
Chadha M., Srivastava A., Sarkar S.	Unified power and energy measurement API for HPC co-processors	2017	2016 IEEE 35th International Performance Computing and Communications Conference, IPCCC 2016			7820633		
Nagarjuna R., Challagulla S., Ganesan R., Roy S.	High rates of Cr(VI) photoreduction with magnetically recoverable nano-Fe ₃ O ₄ @Fe ₂ O ₃ /Al ₂ O ₃ catalyst under visible light	2017	Chemical Engineering Journal	308			59	66
Kulsi C., Ghosh A., Mondal A., Kargupta K., Ganguly S., Banerjee D.	Remarkable photo-catalytic degradation of malachite green by nickel doped bismuth selenide under visible light irradiation	2017	Applied Surface Science	392			540	548
Hargreaves A., Cheng V., Deshmukh S., Leach M., Steemers K.	Forecasting how residential urban form affects the regional carbon savings and costs of retrofitting and decentralized energy supply	2017	Applied Energy	186			549	561
Julius, Mahale G., Sumana T., Adityakrishna C.S.	On the modeling of error functions as high dimensional landscapes for weight initialization in learning networks	2017	Proceedings - 2016 16th International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, SAMOS 2016			7818349	202	210
Ray T., Malapati A., Murthy N.L.B.	Teaching Computer Programming Using MOOCs in Multiple Campuses: Challenges and Solutions	2017	Proceedings - IEEE 8th International Conference on Technology for Education, T4E 2016			7818416	160	163

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Anupama K.R., Jadhav T.N., Mascarenhas E.F., Lekhi P.P., Mohammadi A., Pathak V.B.	Development of a cross-layered protocol stack for wireless sensor networks for mobile object tracking	2017	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			7813766	475	480
Rani D.R., Kumari G.G.	A framework for detecting anti-forensics in cloud environment	2017	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			7813913	1277	1280
Bksp K.R., Gosala N.B., Geethakumari G.	CLOSER: Applying aggregation for effective event reconstruction of cloud service logs	2017	Proceedings of the 11th International Conference on Ubiquitous Information Management and Communication, IMCOM 2017			62		
Kumari S., Goyal P., Sood A., Kumar D., Balasubramanian S., Goyal N.	Exact, fast and scalable parallel DBSCAN for commodity platforms	2017	ACM International Conference Proceeding Series			a14		
Malayappan B., Poornalakshmi U., Pattnaik P.K.	Temperature insensitive waveguide grating based SOI MOEMS accelerometer	2017	2015 Workshop on Recent Advances in Photonics, WRAP 2015			7805964		
Rahul C.N., Shiva Krishna K., Pawar A.P., Rajesh V.	In silico approach to ascertain the calcium dependent role of Plasmodium falciparum SERA5	2017	Journal of Biomolecular Structure and Dynamics	35	1		17	25
Ravindran G., Chakrabarty D., Sarkar A.	Cell specific stress responses of cadmium-induced cytotoxicity	2017	Animal Cells and Systems	21	1		23	30
Saha A., Pal D., Chandra M.	Benchmarking of DPL-based 8b × 8b novel wave-pipelined multiplier	2017	International Journal of Electronics Letters	5	1		115	128
Bhatia V., Kalaichelvi V., Karthikeyan R.	Comparison of GA tuned fuzzy logic and NARMA-12 controllers for motion control in 5-DOF robot	2017	International Journal of Computers and Applications	39	2		69	78
Yelampalli P.K.R., Nayak J., Gaidhane V.H.	Blood vessel segmentation and classification of diabetic retinopathy images using gradient operator and statistical analysis	2017	Lecture Notes in Engineering and Computer Science	2			525	529

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Arivarasi A., Kumar A.	Design of transduction using NMOS for 3D-printed NPGF electrode	2017	International Journal of Circuits, Systems and Signal Processing	11			376	389
Chalill S.M., Periasamy C., Nandakumar P., Karthikeyan R.	Interpretation and analysis about energy savings in commercial green houses using custom -made shadenets as well as thermal reflective screens	2017	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	6				
Arivarasi A., Kumar A.	Layering of copper-ink using 3D printing & characterization	2017	WSEAS Transactions on Environment and Development	13			394	400
Datta T.K.	Effect of Green Technology Investment on a Production-Inventory System with Carbon Tax	2017	Advances in Operations Research	2017		4834839		
Singh A.P., Vidyarthi A.K., Madan K., Singh A.	Status of environmental pollution in Agra industrial cluster: An iepi approach	2017	Pollution Research	36	3		580	589
Ajit S., Praveen H.M., Puneeth S.B., Dave A., Sesham B., Mohan K.N., Goel S.	Towards rapid prototyped convective microfluidic DNA amplification platform	2017	Progress in Biomedical Optics and Imaging - Proceedings of SPIE	10061		100610H		
Talukdar A., Bhargava R., Sharma Y.	BITS-PILANI@IMRiDis-FIRE 2017: Information retrieval from microblogs during disasters	2017	CEUR Workshop Proceedings	2036			38	40
Kanjiyang V., Hareendran M.	Engineering intervention to reduce API dust exposure during milling operation	2017	Journal of Chemical Health and Safety					
Valliappan C.A., Balaji A., Thandayam S.R., Dhingra P., Baths V.	A portable real time ECG device for arrhythmia detection using raspberry Pi	2017	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	192			177	184
Pawaskar R.P., Goel M.	Enhancing the effectiveness of marketing a tourist destination using satisfaction analysis	2017	International Journal of Business and Systems Research	11	43132		163	181
Joshi A., Dhongdi S., Sethunathan R., Nahar P., Anupama K.R.	Energy Efficient Clustering Based Network Protocol Stack for 3D Airborne Monitoring System	2017	Journal of Computer Networks and Communications	2017		8921261		

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Bhargava R., Singh J., Arora S., Sharma Y.	BITS-Pilani@INLI-FIRE-2017: Indian Native Language Identification using deep learning	2017	CEUR Workshop Proceedings	2036			123	126
Deshpande A., Krishnaswamy S., Ponnani K.	Pulsed Micro-reactor: An alternative to estimating kinetic parameters of non-catalytic gas-solid reactions	2017	Chemical Engineering Research and Design	117			382	393
Sandeep G.V., Bharadwaj S.	An extraction based approach to keyword generation and precedence retrieval: BITS, Pilani - Hyderabad	2017	CEUR Workshop Proceedings	2036			74	77
Bhand S., Kanungo L., Pal S.	CHAPTER 7: Chemiluminescence and Fluorescence Optical Biosensor for the Detection of Aflatoxins in Food	2017	Food Chemistry, Function and Analysis	2017-January	1		161	181
Prabhudesai R., Prasad C.V.V.S.N.V.	Antecedents of SME alliance performance: a multilevel review	2017	Management Research Review	40	12		1261	1279
Sunil Kumar C.V., Routroy S.	Analyzing a manufacturer's returns from supplier development programs	2017	Materials Today: Proceedings	4	2		2255	2262
Ahmed A., Jyothi N., Ramesh A.	Improved ammonium removal from industrial wastewater through systematic adaptation of wild type Chlorella pyrenoidosa	2017	Water Science and Technology	75	1		182	188
Saboo A., Sharma A., Dash T.	GASOM: Genetic algorithm assisted architecture learning in self organizing maps	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10634 LNCS			230	239
Roul R.K., Sahoo J.K., Goel R.	Deep Learning in the Domain of Multi-Document Text Summarization	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10597 LNCS			575	581
Singh A., Singh N.	DNA melting in the presence of molecular crowders	2017	Physical Chemistry Chemical Physics	19	29		1945 2	1946 0
Sharma S., Nazir R., Pande S., Sarkar B.R.	Microwave-Assisted Efficient Suzuki-Miyaura Cross-Coupling Reactions in Water Catalyzed by Nano-Pd/gC3N4Composite	2017	ChemistrySelect	2	28		8745	8750
Sourabh S., Shesha V., Kiran M.	Formulation of problem of free vibration analysis of isotropic homogeneous rectangular mindlin plates having variable thickness with general elastic boundary conditions	2017	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	4B-2017				

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Nasir Hussain N., Prakash Regalla S., Daseswara Rao Y.V.	Low velocity Impact Characterization of Glass Fiber Reinforced Plastics for Application of Crash Box	2017	Materials Today: Proceedings	4	2		3252	3262
Sundar A., Pahwa V.	Evaluating the performance of state of the art algorithms for enhancement of seismocardiogram signals	2017	Advances in Intelligent Systems and Computing	458			37	45
Ghosh B.K., Moitra D., Chandel M., Ghosh N.N.	Preparation of TiO ₂ /cobalt ferrite/reduced graphene oxide nanocomposite based magnetically separable catalyst with improved photocatalytic activity	2017	Journal of Nanoscience and Nanotechnology	17	7		4694	4703
Upadhyay S.	Can spiritual intelligence influence research performance in higher education? Framework for human resource development in higher education	2017	Administrative Science Management Public	2017	28		153	173
Thigulla Y., Ranga S., Ghosal S., Subbalakshmi J., Bhattacharya A.	One-Pot Two Step Nazarov-Schmidt Rearrangement for the Synthesis of Fused δ -Lactam Systems	2017	ChemistrySelect	2	30		9744	9750
Raina H., Jindal A.	Packaging of non-injectable liquid pharmaceuticals: A review	2017	Journal of Applied Pharmaceutical Science	7	2		248	257
Sahoo J.K., Balaji A.	Optimizing support vector machines for multi-class classification	2017	Communications in Computer and Information Science	721			393	398
Mohanty S., Regalla S.P., Daseswara Rao Y.V.	Tool Path Planning for manufacturing of Asymmetric parts by incremental sheet metal forming by means of Robotic manipulator	2017	Materials Today: Proceedings	4	2		811	819
Potdar P.K., Routroy S., Behera A.	Addressing the Agile Manufacturing Impediments using Interpretive Structural Modeling	2017	Materials Today: Proceedings	4	2		1744	1751
Sunil Kumar C.V., Routroy S.	Analysis of suppliers' preferences to a manufacturer using Kano model and performance value analysis	2017	International Journal of Business and Systems Research	11	43132		6	27
Prakash B., Setia A., Bose S.	Numerical Solution for a System of Fractional Differential Equations with Applications in Fluid Dynamics and Chemical Engineering	2017	International Journal of Chemical Reactor Engineering	15	5	20170093		
Roul R.K., Sahoo J.K.	Classification of research articles hierarchically: A new technique	2017	Advances in Intelligent Systems and Computing	556			347	361

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Saini A., Harshvardhan A., Dey R.	Thermophysical, excess and transport properties of organic solvents with imidazolium based ionic liquids	2017	Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry	56A	1		21	35
Nune M.M.R., Chaganti P.K.	Experimental Investigation on Turning of Turbine Blade Material AISI 410 under Minimum Quantity Cutting Fluid	2017	Materials Today: Proceedings	4	2		1057	1064
Samanta G.C., Mishra B.	Anisotropic cosmological model in presence of holographic dark energy and quintessence	2017	Iranian Journal of Science and Technology, Transaction A: Science	41	2		535	541
Sahoo P.K.	Kaluza-Klein universe filled with wet dark fluid in f(R; T) theory of gravity	2017	Acta Physica Polonica B, Proceedings Supplement	10	2		369	372
Potdar P.K., Routroy S., Behera A.	A benchmarking approach for enhancing agility in manufacturing environment	2017	International Journal of Productivity and Quality Management	20	4		488	512
Chennareddy S.S.R., Agrawal A., Karuppiah A.	Modular Self-Reconfigurable Robotic Systems: A Survey on Hardware Architectures	2017	Journal of Robotics	2017		5013532		
Reddi S., Singhvi G., Khosa A., Saha R.N.	Development and validation of cost effective UV-spectrophotometric method for estimation of domperidone in bulk and pharmaceutical formulations	2017	Asian Journal of Chemistry	29	12		2623	2626
Dhar A.	The role of PKR as a potential target for treating cardiovascular diseases	2017	Current Cardiology Reviews	13	1		28	31
Vivekh P., Sudhakar M., Srinivas M., Vishwanthkumar V.	Desalination technology selection using multi-criteria evaluation: TOPSIS and PROMETHEE-2	2017	International Journal of Low-Carbon Technologies	12	1		24	35
Pawar S.V., Togiti U.K., Trivedi P., Ghosh B., Bhattacharya A., Nag A.	FRET-Mediated Zn ²⁺ Sensing in Aqueous Micellar Solution: Application in Cellular Imaging and Molecular Logic Gate	2017	ChemistrySelect	2	28		8731	8737
Dhingra K., Gupta S., Sarupria M., Krishnan J.N., Kumar S.	A study on the role of additives in non-cyanide baths for the fabrication of anisotropic metallic nanostructures	2017	ECS Transactions	80	10		777	788
Grover S., Deshpande A., Ravindran T., Krishnan J.N.	Design and development of microfluidic platform for water analysis	2017	Advanced Materials - TechConnect Briefs 2017	3			154	157

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Dalavi S.B., Panda R.N.	Investigations of magnetic properties of oleic acid and oleyl amine capped nanostructured $\text{Co}_x\text{Ni}_{1-x}$ ($0.2 \leq x \leq 0.8$) alloys	2017	Journal of Nanoscience and Nanotechnology	17	4		2589	2595
Pandey M.M., Charde S.Y., Jaipal A., Raut P.P., Goel P., Kumar L.	Development and validation of a simple high-performance liquid chromatography method for estimation of felodipine in rabbit plasma: Application to pharmacokinetic study	2017	Current Pharmaceutical Analysis	13	4		321	327
Bhand S., Mishra G.K.	Electrochemical quartz crystal nanobalance (EQCN) based biosensor for sensitive detection of antibiotic residues in milk	2017	Methods in Molecular Biology	1572			263	276
Shenoy M.V., Anupama K.R.	DTTA - Distributed, time-division multiple access based task allocation framework for swarm robots	2017	Defence Science Journal	67	3		316	324
Deshpande A., Singh G.	Dependence of peak stress on crack inclination and friction coefficient during compressive fracture	2017	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	9				
Shreya R.S., Kannan G.	A comparative study on the technologies of the removal of acetylsalicylic acid from water	2017	Oriental Journal of Chemistry	33	6		3166	3172
Guha A., Selvaganapathy J., Das P.K.	Q-deformed statistics and the role of light fermionic dark matter in SN1987A cooling	2017	Physical Review D	95	1	15001		
Reddy P.N., Dambekodi S.N., Dash T.	Towards continuous monitoring of environment under uncertainty: A fuzzy granular decision tree approach	2017	CEUR Workshop Proceedings	1819				
Patra T.K., Sheth P.N.	Parametric optimization study of downdraft biomass gasification using a comprehensive transport and kinetic model	2017	Transport and Energy Processes 2017 - Core Programming Area at the 2017 AIChE Annual Meeting	2017-October			103	113
Naga V.V., Suresh S., Regalla S.P.	Investigations on dimensional accuracy of stamped tailor welded blanks under warm forming conditions	2017	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	2				

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Toshniwal K., Pareddy S., Kotkunde N., Gupta A.K.	Numerical Investigation on Stress based Forming Limit Diagram for Ti-6Al-4V Alloy	2017	Materials Today: Proceedings	4	8		8096	8103
Roul R.K., Sahay S.K.	Combining apriori approach with support-based count technique to cluster theweb documents	2017	Advances in Intelligent Systems and Computing	556			119	132
Sridhar S.N.C., Ginson G., Venkataramana Reddy P.O., Tantak M.P., Kumar D., Paul A.T.	Synthesis, evaluation and molecular modelling studies of 2-(carbazol-3-yl)-2-oxoacetamide analogues as a new class of potential pancreatic lipase inhibitors	2017	Bioorganic and Medicinal Chemistry	25	2		609	620
Lahkar S., Ghosal S., Singh G.	Atomistic simulation of mixed mode fracture in vitreous silica	2017	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	9				
Jasti N.V.K., Kurra S.	An empirical investigation on lean supply chain management frameworks in Indian manufacturing industry	2017	International Journal of Productivity and Performance Management	66	6		699	723
Rompicharla S.V.K., Trivedi P., Kumari P., Ghanta P., Ghosh B., Biswas S.	Polymeric micelles of suberoylanilide hydroxamic acid to enhance the anticancer potential in vitro and in vivo	2017	Nanomedicine	12	1		43	58
Deshpande A., Krishnaswamy S., Ponnani K.	Experimental investigations on unmixed combustion for heat transfer applications	2017	Chemical Engineering Science	164			122	132
Mascarenhas S., Mutnuri S., Ganguly A.	Deleterious role of trace elements – Silica and lead in the development of chronic kidney disease	2017	Chemosphere	177			239	249
Murali N., Gupta K., Bhanot S.	Analysis of Q-learning on ANNs for robot control using live video feed	2017	Proceedings of the 2017 IEEE International Conference on Signal and Image Processing Applications, ICSIPA 2017				524	529

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Patra T.K., Sheth P.N.	Parametric optimization study of downdraft biomass gasification using a comprehensive transport and kinetic model	2017	International Congress on Energy 2017 - Topical Conference at the 2017 AIChE Annual Meeting	1			287	297
Mane P., Talati N., Riswadkar A., Raghu R., Ramesha C.K.	Reconfiguration on nanocrossbar using material implication	2017	Sadhana - Academy Proceedings in Engineering Sciences	42	1		33	44
Godinho A., Singh T.	Group distance magic labeling of Cr n	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10156 LNCS			187	192
Challagulla S., Nagarjuna R., Roy S., Ganesan R.	Scalable Free-Radical Polymerization Based Sol-Gel Synthesis of SrTiO ₃ and its Photocatalytic Activity	2017	ChemistrySelect	2	17		4836	4842
Pratoori R., Maddukuri T.S., Sannidhi A.K., Singh Y.P., Gundepudi B., Gupta A.K.	Tensile Testing of Ultra-Fine Grained Extra Deep Drawing Steel Sheets	2017	Materials Today: Proceedings	4	2		590	595
Varalakshmi C., Nigam R.	Corrections to halo model in presence of primordial magnetic field	2017	Astrophysics and Space Science	362	1	16		
Rao Y.V.D., Parimi A.M., Rahul D.S.P., Patel D., Nitin Mythreya Y.V.	Robotics in Dental Implantation	2017	Materials Today: Proceedings	4	8		9327	9332
Gantasala K.C., Kotkunde N.	Theoretical and finite element investigation of inter-laminar stresses for laminated composite beam	2017	Materials Today: Proceedings	4	8		7731	7740
Balavignesh V.N., Balasubramani am B., Kotkunde N.	Numerical investigations of fracture parameters for a cracked hydraulic cylinder barrel and its redesign	2017	Materials Today: Proceedings	4	2		927	936
Chaudhari V., Kulkarni D.M., Rathi S., Sancheti A., Dixit S.	Investigation of cohesive zone model parameters for steel used in shipbuilding structure	2017	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	9				

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Bhargava R., Nigwekar S., Sharma Y.	Catchphrase extraction from legal documents using LSTM networks	2017	CEUR Workshop Proceedings	2036			72	73
Hussain N.N., Regalla S.P., Rao Y.V.D.	Comparative Study of Trigger Configuration for Enhancement of Crashworthiness of Automobile Crash Box Subjected to Axial Impact Loading	2017	Procedia Engineering	173			1390	1398
Thigulla Y., Kumar T.U., Trivedi P., Ghosh B., Bhattacharya A.	One-Step Synthesis of Fused Chromeno[4,3-b]pyrrolo[3,2-h]quinolin-7(1H)-One Compounds and their Anticancer Activity Evaluation	2017	ChemistrySelect	2	9		2718	2721
Vartak Y., Singh G.	Stiffness comparison of triangular and square lattice composites for given statistical strength	2017	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	9				
Aggarwal R., Chanda U.	Optimal duration of advertising campaigns for successive technology generations using innovation diffusion theory	2017	International Journal of Operational Research	28	3		415	428
Bhutia Z.T., Prasannakumar G., Das A., Biswas M., Chatterjee A., Banerjee M.	A Facile, Catalyst-Free Mechano-Synthesis of Quinoxalines and their In-Vitro Antibacterial Activity Study	2017	ChemistrySelect	2	3		1183	1187
Goru S.K., Kadakol A., Malek V., Pandey A., Sharma N., Gaikwad A.B.	Diminazene aceturate prevents nephropathy by increasing glomerular ACE2 and AT2 receptor expression in a rat model of type 1 diabetes	2017	British Journal of Pharmacology	174	18		3118	3130
Raveendran B.K., Joshi P., Mittal S.	EduCloud: A VM communication aware, migration efficient cloud for scientific computing	2017	International Journal of Communication Networks and Distributed Systems	18	43193		329	352
Dutta N., Bhat A.K.	Dangal: Cinematic representation of competitive marketing strategy	2017	Prabandhan: Indian Journal of Management	10	8		52	57
Farid M., Irfan S.S., Khan M.F., Khan S.A.	Strong convergence of gradient projection method for generalized equilibrium problem in a Banach space	2017	Journal of Inequalities and Applications	2017		297		

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Rajeswari S., Indhumathy M., Somasundaram A., Sood N., Arumugam S.	Identification of salinity stress tolerant proteins in Sorghum bicolor computational approach	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10398 LNCS			318	325
Muniyappan S., Arivunithi V.M., Solaiyammal T., Sudhakar K., Roop Kumar R., Murugakoothan P.	Synthesis, structural, optical, morphological and elemental characterization of CTAB capped CdS quantum dots by facile chemical precipitation technique	2017	Springer Proceedings in Physics	189			341	348
Divya Rashmi S.V., Arumugam S., Somasundaram A.	Global secure domination in graphs	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10398 LNCS			50	54
Varghese S.S., Swaminathan S., Singh K.K., Mittal V.	DFT based simulation of H ₂ S gas sensing properties of doped graphene	2017	Proceedings of the World Congress on New Technologies					
Khurana S., Suzuki K., Rathakrishnan E.	Visualization of vortex at aero-spike root using hydraulic analogy	2017	International Review of Aerospace Engineering	10	4		189	195
Sarkar A., Gepperth A., Handmann U., Kopinski T.	Dynamic hand gesture recognition for mobile systems using deep LSTM	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10688 LNCS			19	31
Rao A.S., Kareem Abdul W., D'souza N.	Perceived outcomes of action learning: study from a large public sector organization in UAE	2017	Measuring Business Excellence	21	4		291	308
Varghese S.S., Swaminathan S., Singh K.K., Mittal V.	Molecular oxygen adsorbed on gallium doped graphene: A first-principles study	2017	Materials Science Forum	890 MSF			117	120
Reshma R.S., Jeankumar V.U., Kapoor N., Saxena S., Bobesh K.A., Vachaspathy A.R., Kolattukudy P.E., Sriram D.	Mycobacterium tuberculosis lysine-ε-aminotransferase a potential target in dormancy: Benzothiazole based inhibitors	2017	Bioorganic and Medicinal Chemistry	25	10		2761	2771
Govil N.K., Kumar P.	On Bernstein-Type inequalities for the polar derivative of a polynomial	2017	Springer Optimization and Its Applications	117			41	74

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Banerjee S., Chattopadhyay A., Fernandes J.R.D., Banerjee A., Phadte A.A., Savardekar A.V., Singh K.S.	Synthesis and electronic properties of ester substituted 1,4-dicyanodibenzodioxins and evaluation of anti-proliferative activity of all isomeric 1,2-, 2,3- and 1,4-dicyanodibenzodioxins against HeLa cell line	2017	Bioorganic and Medicinal Chemistry Letters	27	18		4280	4284
Khetarpal N., Shukla R., Rajpoot R.K., Poddar A., Pal M., Swaminathan S., Arora U., Khanna N.	Recombinant dengue virus 4 envelope glycoprotein virus-like particles derived from pichia pastoris are capable of eliciting homotypic domain III-directed neutralizing antibodies	2017	American Journal of Tropical Medicine and Hygiene	96	1		126	134
Rajagopalan V., Pioro E.P.	Differential involvement of corticospinal tract (CST) fibers in UMN-predominant ALS patients with or without CST hyperintensity: A diffusion tensor tractography study	2017	NeuroImage: Clinical	14			574	579
Paramanik R.N., Kamaiah B.	An empirical analysis of Indian business cycle dynamics	2017	Economic Annals	62	213		7	25
Godinho A., Singh T., Arumugam S.	On nearly distance magic graphs	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10398 LNCS			76	82
Agarwal S., Sureka A.	Investigating the role of twitter in E-Governance by extracting information on citizen complaints and grievances reports	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10721 LNCS			300	310
Upadhyay S., Upadhyay N.	Future Directions and a Roadmap in Digital Computational Humanities for a Data Driven Organization	2017	Procedia Computer Science	122			1055	1060
Sahoo P.K., Nath A., Sahu S.K.	Bianchi type-III string cosmological model with bulk viscous fluid in Lyra geometry	2017	Iranian Journal of Science and Technology, Transaction A: Science	41	1		243	248
Kumar V., Chatterjee A., Roy B.G., Banerjee M.	Synthesis of novel D-glucose based anionic bolaamphiphiles and their catalytic application in 1,3-dipolar nitrene cycloaddition reactions	2017	Catalysis Communications	94			77	81
Renwal B.S., Bhatia P., Vishvakarma S.K.	Design and investigation of variability aware sense amplifier for low power, high speed SRAM	2017	Microelectronics Journal	59			22	32

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Pavan Kumar A.V., Parimi A.M., Uma Rao K.	Solar illumination and wind speed prediction: The relative prospects and potential outcomes	2017	Journal of Electrical Engineering	17	1		287	294
S.N.C. S., Bhurta D., Kantiwal D., George G., Monga V., Paul A.T.	Design, synthesis, biological evaluation and molecular modelling studies of novel diaryl substituted pyrazolyl thiazolidinediones as potent pancreatic lipase inhibitors	2017	Bioorganic and Medicinal Chemistry Letters	27	16		3749	3754
Lindemann M., Deuther-Conrad W., Moldovan R., Sekhar K.V.G.C., Brust P., Wenzel B.	Do spiroindolines have the potential to replace vesamicol as lead compound for the development of radioligands targeting the vesicular acetylcholine transporter?	2017	Bioorganic and Medicinal Chemistry	25	19		5107	5113
Salve P.S., Alegaon S.G., Sriram D.	Three-component, one-pot synthesis of anthranilamide Schiff bases bearing 4-aminoquinoline moiety as Mycobacterium tuberculosis gyrase inhibitors	2017	Bioorganic and Medicinal Chemistry Letters	27	8		1859	1866
Bandyopadhyay S., Sarkar S., Banerjee K.	An end-to-end formal verifier for parallel programs	2017	ICSOF 2017 - Proceedings of the 12th International Conference on Software Technologies				388	393
Srinivasan A., Shroff G., Vig L., Saikia S.	Generation of near-optimal solutions using ILP-guided sampling	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10326	LNAI		120	131
Kumar S., Nunes R.C.	Echo of interactions in the dark sector	2017	Physical Review D	96	10	103511		
Krishna M., Bino Paul G.D.	The structure of collaboration networks: An illustration of Indian economics	2017	Journal of Social Structure	18			1	18
Kachalal Narsimman M., Choukiker Y.K., Zinka S.R., Dhanaraj K.	Effect of uniform and Dolph-Chebyshev excitations on the performance of circular array antennas	2017	Turkish Journal of Electrical Engineering and Computer Sciences	25	5		3660	3672
Jakhar S., Soni M.S., Gakkhar N.	An integrated photovoltaic thermal solar (IPVTS) system with earth water heat exchanger cooling: Energy and exergy analysis	2017	Solar Energy	157			81	93

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Puneeth S.B., Kim Y.H., Goel S.	Microfluidic diffusivity meter: A tool to optimize CO ₂ driven enhanced oil recovery	2017	Proceedings of SPIE - The International Society for Optical Engineering	10095		100950 C		
Ghosh B.K., Moitra D., Chandel M., Patra M.K., Vadera S.R., Ghosh N.N.	CuO Nanoparticle Immobilised Mesoporous TiO ₂ -Cobalt Ferrite Nanocatalyst: A Versatile, Magnetically Separable and Reusable Catalyst	2017	Catalysis Letters	147	4		1061	1076
Ingle S., Tilakpure N., Narayanamurthy V., Hussaini S.M.	Analysis of CFRP Flight Interface Brackets under Shock Loads	2017	Materials Today: Proceedings	4	2		2492	2500
George J., Kalyana Rama J.S., Siva Kumar M.V.N., Vasana A.	Behavior of Plain Concrete Beam subjected to Three Point Bending using Concrete Damaged Plasticity (CDP) Model	2017	Materials Today: Proceedings	4	9		9742	9746
Shekhawat K., Duarte J.P.	Rectilinear floor plans	2017	Communications in Computer and Information Science	724			395	411
Vidyacharan S., Adhikari C., Krishna V.S., Reshma R.S., Sriram D., Sharada D.S.	A robust synthesis of functionalized 2H-indazoles via solid state melt reaction (SSMR) and their anti-tubercular activity	2017	Bioorganic and Medicinal Chemistry Letters	27	7		1593	1597
Suresh P., Sreedhar I., Vaidhiswaran R., Venugopal A.	A comprehensive review on process and engineering aspects of pharmaceutical wet granulation	2017	Chemical Engineering Journal	328			785	815
Viswanathan B., Kanchinadham S.B.K., Kalyanaraman C.	Carbon sequestration potential in domestic sewage treatment plants of Indian cities	2017	Environmental Progress and Sustainable Energy	36	1		162	170
Pasha S.S., Yadav H.R., Choudhury A.R., Laskar I.R.	Synthesis of an aggregation-induced emission (AIE) active salicylaldehyde based Schiff base: Study of mechanoluminescence and sensitive Zn(II) sensing	2017	Journal of Materials Chemistry C	5	37		9651	9658
Koley M.K., Chouhan O.P., Biswas S., Fernandes J., Banerjee A., Chattopadhyay A., Varghese B., Manoharan P.T., Koley A.P.	Spectroscopic, electrochemical and DNA binding studies of some monomeric copper(II) complexes containing N ₂ S(thiolate)Cu core and N ₄ S(disulfide)Cu core	2017	Inorganica Chimica Acta	456			179	198

Authors	Title	Year	Source title	Vol.	Issue	Art. No.	Page start	Page end
Nimbhorkar P., Arvind Rameshwar A.	Dynamic rank-maximal matchings	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10392 LNCS			433	444
Upadhyay N., Upadhyay S.	#RighttoBreathe why not? Social Media Analysis of the Local in the Capital City of India	2017	Procedia Computer Science	108			2542	2546
Nadkarni M.V., Sivanna N., Suresh L.	Decentralised democracy in India: Gandhi's vision and reality	2017	Decentralised Democracy in India: Gandhi's Vision and Reality				1	420
Lopez D., Manogaran G., Jagan Mohan J.	Modelling the H1N1 influenza using mathematical and neural network approaches	2017	Biomedical Research (India)	28	8		3711	3715
Reddy T.J., Rao Y.V.D., Narayanamurthy V.	Analysis of Structural Configurations for Assessment of Crashworthiness	2017	Procedia Engineering	173			1357	1364
Sharma S., Krishna Kumar A.S., Rajesh N.	A perspective on diverse adsorbent materials to recover precious palladium and the way forward	2017	RSC Advances	7	82		52133	52142
Kumar A., Chanda U.	Effect of shape of the demand function and permissible delay in payments on economic order quantity of high technology products	2017	International Journal of Services and Operations Management	28	2		243	263
Mishra A.K., Kar A.	Are Targeted Unconditional Cash Transfers Effective? Evidence from a Poor Region in India	2017	Social Indicators Research	130	2		819	843
Baig F., Khullar S., Mandal S.K., Sarkar M.	Coordination Polymers Comprised of an Exo Bifunctional Schiff Base Ligand and Succinate Dianion: Critical Analysis of Factors Affecting the Structures and Framework Dimensionality	2017	ChemistrySelect	2	35		11677	11685
Walawalkar Y.D., Vaidya Y., Nayak V.	Screening and characterization of Salmonella Typhi isolates persisting within gallbladder of patients undergoing cholecystectomy for chronic cholelithiasis	2017	Gastroenterology Insights	8	1		1	17
Samanta G.C., Bishi B.K.	Geometry of the universe described by wet dark fluid in f(R, T) theory of gravity	2017	Iranian Journal of Science and Technology, Transaction A: Science	41	1		223	230
Das D., Kumar A.	Learning automata based multi-flow opportunistic routing algorithm in wireless mesh networks	2017	International Journal of Wireless and Mobile Computing	13	2		106	113

Authors	Title	Year	Source title	Vol.	Issue	Art. No.	Page start	Page end
Reddy Penjarla T., Kundarapu M., Syed Mohd. B., Bhattacharya A.	A straight forward and first total synthesis of Penilumamides B–D	2017	Tetrahedron Letters	58	34		3347	3349
Barathi M., Kumar A.S.K., Kodali J., Mittal S., Samhith G.D., Rajesh N.	Probing the Interaction between Fluoride and the Polysaccharides in Al(III)- and Zr (IV)-Modified Tea Waste by Using Diverse Analytical Characterization Techniques	2017	ChemistrySelect	2	31		10123	10135
Thimmakonda V.S., Karton A.	Energetic and spectroscopic properties of the low-lying C7H2 isomers: A high-level: Ab initio perspective	2017	Physical Chemistry Chemical Physics	19	27		17685	17697
Sharma A., Istamboulie G., Hayat A., Catanante G., Bhand S., Marty J.L.	Disposable and portable aptamer functionalized impedimetric sensor for detection of kanamycin residue in milk sample	2017	Sensors and Actuators, B: Chemical	245			507	515
Kulkarni D.P., Bhuvanewari H.B., Kalyan Ram B.	Smart controlling of appliances in power-line communication using LabVIEW	2017	Lecture Notes in Electrical Engineering	436			571	583
Prasad B.S., Ganesh P.S., Lagan K., Vishaka T., Vutukuru S.S., Sarkar S.K.	Evaluation of antioxidant enzyme responses in earthworms exposed to polystyrene nano particles and Pamam dendrimers	2017	Pollution Research	36	2		312	318
Dasar M., Shah U.D., Raikar P.P., Patil R.S.	Computational studies on effect of novel accelerating perforated distributor on fluid dynamic characteristics of circulating fluidized bed riser	2017	12th International Conference on Fluidized Bed Technology, CFB 2017				313	320
Boggarapu P., Roncal L., Thangavelu S.	Mixed norm estimates for the CesÀro means associated with Dunkl-Hermite expansions	2017	Transactions of the American Mathematical Society	369	10		7021	7047
Chou K.-P., Prasad M., Li D.-L., Bharill N., Lin Y.-F., Hussain F., Lin C.-T., Lin W.-C.	Automatic Multi-view Action Recognition with Robust Features	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10636 LNCS			554	563
Maitra D., Dhole S., Ghosh B.K., Chandel M., Jani R.K., Patra M.K., Vadera S.R., Ghosh N.N.	Synthesis and microwave absorption properties of BiFeO3 nanowire-RGO nanocomposite and first-principles calculations for insight of electromagnetic properties and electronic structures	2017	Journal of Physical Chemistry C	121	39		21290	21304
Shekhar C., Jain M., Raina A.A., Mishra R.P.	Sensitivity analysis of repairable redundant system with switching failure and geometric renegeing	2017	Decision Science Letters	6	4		337	350

Authors	Title	Year	Source title	Vol.	Issue	Art. No.	Page start	Page end
Siddhanti A.A., Maitra S., Sinha N.	Certain observations on ACORN v3 and the implications to TMDTO attacks	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10662 LNCS			264	280
Kumhari B., Polkam N., Ramesh P., Anantaraju H., Yogeeswari P., Anireddy J.S., Guggilapu S.D., Babu B.N.	Design and synthesis of 1,2,3-triazole-etodolac hybrids as potent anticancer molecules	2017	RSC Advances	7	38		23680	23686
Lade D.M., Krishna V.S., Sriram D., Rode H.B.	A Facile Synthesis and Antituberculosis Properties of Almazole D and Its Enantiomer	2017	ChemistrySelect	2	3		1250	1252
Laperdrix P., Baudry B., Mishra V.	FPRandom: Randomizing core browser objects to break advanced device fingerprinting techniques	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10379 LNCS			97	114
Devarapu S.K., Lorenz G., Kulkarni O.P., Anders H.-J., Mulay S.R.	Cellular and Molecular Mechanisms of Autoimmunity and Lupus Nephritis	2017	International Review of Cell and Molecular Biology	332			43	154
Limbadi K., Krishnamurthy H.N., Maruthi Ram A., Saibaba N., Kutumba Rao V.V., Murthy J.N., Gupta A.K., Singh S.K.	Development of Johnson Cook Model for Zircaloy-4 with Low Oxygen Content	2017	Materials Today: Proceedings	4	2		966	974
Chavan P., Naik L.R., Belavi P.B., Chavan G., Ramesha C.K., Kotnala R.K.	Studies on Electrical and Magnetic Properties of Mg-Substituted Nickel Ferrites	2017	Journal of Electronic Materials	46	1		188	198
Singh S.K., Pratoori R., Parsi P.R., Kotkunde N., Gupta A.K.	Experimental and Finite Element Studies of Redrawing for ASS 316 at Elevated Temperatures	2017	Materials Today: Proceedings	4	4		5274	5281
Bitragunta S.P., Palani S.G., Gopala A., Sarkar S.K., Kandukuri V.R.	Detection of TiO ₂ Nanoparticles in Municipal Sewage Treatment Plant and Their Characterization Using Single Particle ICP-MS	2017	Bulletin of Environmental Contamination and Toxicology	98	5		595	600

Authors	Title	Year	Source title	Vol.	Issue	Art. No.	Page start	Page end
Shekhar C., Jain M., Raina A.A.	Transient analysis of machining system with spare provisioning and geometric renegeing	2017	International Journal of Mathematics in Operational Research	11	3		396	421
Kotkunde N., Gupta A.K., Paresi P.R., Singh S.K.	Experimental and Finite Element Studies of Stretch Forming Process for Ti-6Al-4V Alloy at Elevated Temperature	2017	Materials Today: Proceedings	4	4		5266	5273
Kulkarni P., Yellanki S., Medishetti R., Sriram D., Saxena U., Yogeewari P.	Novel Zebrafish EAE model: A quick in vivo screen for multiple sclerosis	2017	Multiple Sclerosis and Related Disorders	11			32	39
Sreedhar I., Nahar T., Venugopal A., Srinivas B.	Carbon capture by absorption – Path covered and ahead	2017	Renewable and Sustainable Energy Reviews	76			1080	1107
Siebert S., Dinesh S., Feyer S.	Extending a research-paper recommendation system with scientometric measures	2017	CEUR Workshop Proceedings	1823			112	121
Nemili A., Özkaya E., Gauger N.R., Kramer F., Thiele F.	Accurate discrete adjoint approach for optimal active separation control	2017	AIAA Journal	55	9		3016	3026
Srinivasu C., Singh S.K., Jella G., Jayahari L., Kotkunde N.	Study of Limiting Dome Height and Temperature Distribution in Warm Forming of ASS304 Using Finite Element Analysis	2017	Materials Today: Proceedings	4	2		957	965
Rao P.R.S., Venkata Ratnam K., Lalitha P., Satpathi D.K.	Global dynamics of a cooperative and supportive network system with subnetwork deactivation	2017	Nonlinear Dynamics and Systems Theory	17	2		205	216
Narva S., Chitti S., Amaroju S., Bhattacharjee D., Rao B.B., Jain N., Alvala M., Sekhar K.V.G.C.	Design and synthesis of 4-morpholino-6-(1,2,3,6-tetrahydropyridin-4-yl)-N-(3,4,5-trimethoxyphenyl)-1,3,5-triazin-2-amine analogues as tubulin polymerization inhibitors	2017	Bioorganic and Medicinal Chemistry Letters	27	16		3794	3801
Brunner K., Steiner E.M., Reshma R.S., Sriram D., Schnell R., Schneider G.	Profiling of in vitro activities of urea-based inhibitors against cysteine synthases from Mycobacterium tuberculosis	2017	Bioorganic and Medicinal Chemistry Letters	27	19		4582	4587
Saha S., Saha A., Lepcha L.-O., Ganguly S., Banerjee D., Kargupta K.	Graphene-Rich G-Co-Ni Nanomatrix: An Optimized Heterogeneous Catalyst for Hydrogen Generation Based on Morphology-Performance Mapping	2017	ChemistrySelect	2	16		4309	4319
Zubair Khalid Baig M., Majhi D., Tulichala R.N.P., Sarkar M., Chakravarty M.	Easy access to new anthracenyl π -conjugates: generation of distinct AIE-active materials	2017	Journal of Materials Chemistry C	5	9		2380	2387

Authors	Title	Year	Source title	Vol.	Issue	Art. No.	Page start	Page end
Singru P., Raizada A., Krishnakumar V., Garg A., Tai K., Raj V.	Modeling of a magneto-rheological (MR) damper using genetic programming	2017	Journal of Vibroengineering	19	5		3169	3177
Gerbaud V., Teles Dos Santos M., Pandya N., Aubry J.M.	Computer aided framework for designing bio-based commodity molecules with enhanced properties	2017	Chemical Engineering Science	159			177	193
Kasturi S., Surarapu S., Uppalanchi S., Anireddy J.S., Dwivedi S., Anantaraju H.S., Perumal Y., Sigalapalli D.K., Babu B.N., Ethiraj K.S.	Synthesis and α -glucosidase inhibition activity of dihydroxy pyrrolidines	2017	Bioorganic and Medicinal Chemistry Letters	27	12		2818	2823
Kasturi S., Surarapu S., Bathoju C.C., Uppalanchi S., Dwivedi S., Perumal Y., Sigalapalli D.K., Babu B.N., Ethiraj K.S., Anireddy J.S.	Synthesis, molecular modeling and biological evaluation of aza-flavanones as α -glucosidase inhibitors	2017	MedChemComm	8	8		1618	1630
Siddhanti A., Sarkar S., Maitra S., Chattopadhyay A.	Differential fault attack on grain v1, ACORN v3 and lizard	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10662	LNCS		247	263
Alam P., Dash S., Climent C., Kaur G., Choudhury A.R., Casanova D., Alemany P., Chowdhury R., Laskar I.R.	'Aggregation induced emission' active iridium(III) complexes with applications in mitochondrial staining	2017	RSC Advances	7	10		5642	5648
Narayani H., Augustine R., Sumi S., Jose M., Deepa Nair K., Samsuddin M., Prakash H., Shukla S.	Removal of basic and industrial azo reactive dyes from aqueous solutions via Fenton-like reactions using catalytic non-magnetic Pd-flyash and magnetic Pd-Fe ₃ O ₄ -flyash composite particles	2017	Separation and Purification Technology	172			338	349
Climent C., Alam P., Pasha S.S., Kaur G., Choudhury A.R., Laskar I.R., Alemany P., Casanova D.	Dual emission and multi-stimuli-response in iridium(III) complexes with aggregation-induced enhanced emission: Applications for quantitative CO ₂ detection	2017	Journal of Materials Chemistry C	5	31		7784	7798

Authors	Title	Year	Source title	Vol.	Issue	Art. No.	Page start	Page end
Jose G., Suresha Kumara T.H., Sowmya H.B.V., Sriram D., Guru Row T.N., Hosamani A.A., More S.S., Janardhan B., Harish B.G., Telkar S., Ravikumar Y.S.	Synthesis, molecular docking, antimycobacterial and antimicrobial evaluation of new pyrrolo[3,2-c]pyridine Mannich bases	2017	European Journal of Medicinal Chemistry	131			275	288
Dankert A., Pashaei P., Kamalakar M.V., Gaur A.P.S., Sahoo S., Rungger I., Narayan A., Dolui K., Hoque M.A., Patel R.S., De Jong M.P., Katiyar R.S., Sanvito S., Dash S.P.	Spin-Polarized Tunneling through Chemical Vapor Deposited Multilayer Molybdenum Disulfide	2017	ACS Nano	11	6		6389	6395
Meurer A., Smith C.P., Paprocki M., Čertík O., Kirpichev S.B., Rocklin M., Kumar A., Ivanov S., Moore J.K., Singh S., Rathnayake T., Vig S., Granger B.E., Muller R.P., Bonazzi F., Gupta H., Vats S., Johansson F., Pedregosa F., Curry M.J., Terrel A.R., Roučka S., Saboo A., Fernando I., Kulal S., Cimrman R., Scopatz A.	SymPy: Symbolic computing in Python	2017	PeerJ	2017	1	103		

Appendix 'J': Ref. BG Agenda Item No. 71.13

Appendix 'G': Ref. GB Agenda Item No. 57.08

RESEARCH AT BITS 2017



BITS Pilani
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PREFACE

Research activities at BITS encompasses work conducted by large number of students at all levels in the three-tier structure of the educational programmes. At the first-degree level, a one-semester full-time thesis-seminar course and at the higher degree level a dissertation course offer excellent opportunities to bright students to be involved in research. In the doctoral programme, a large number of PhD. students located on-campus, as well as off-campus locations, are engaged in research work in various research areas. The Institute's linkages with industries, R&D Centres and other institutions in the country and abroad have given a further thrust to the research activities of the Institute.

BITS relies on the motivated intellectual manpower pool available among its staff and students. Teachers conduct research as an integral part of their responsibilities since this enables them to assimilate and disseminate the knowledge as well as generate new knowledge. In addition to this, BITS has devised innovative schemes to enable professionals-at-large to conduct research at their place of work and simultaneously work for the Ph.D. degree of the Institute.

“Research at BITS” gives details of the different research, consultancy and publication related information involving faculty in the different campuses of BITS. The annexures to the document, list the research projects carried out at all the three tiers of education in the Institute during the year 2017. The research publications in SCOPUS indexed journals and research areas of the faculty are given in the annexures.

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 5. Ph.D. Qualifying Examinations
 6. New Doctoral Research Topics / Supervisors Approved
 7. Sponsored Research Projects
 8. Research Related Seminars/Workshops conducted during the year 2017
 9. Research Publications in SCOPUS Indexed Journals
 10. Patents filed by BITS During 2017
 11. Awards and Honours for BITS Faculty
- IV. INFRASTRUCTURE FOR RESEARCH

ANNEXURES

1. Completed Doctoral Theses 1964-2017
2. Completed Higher Degree Dissertations – 2017
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4. List of Research Publications in SCOPUS indexed journals – 2017
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Summary

Over past five years, BITS Pilani is aggressively pursuing an agenda for research and innovation, which includes (i) expansion of academic research conducted at all three tier of education; First Degree, Higher degree and PhD level, and (b) innovation and entrepreneurship through sponsored research and consulting. BITS has taken several initiatives to support and cultivate research culture at all four campuses. This report summarizes the growth of both academic as well as sponsored research.

1. Academic Research:

BITS continue to make it more attractive for students to join PhD programme by taking several initiatives -

- Enabled professionals working in organizations in the vicinity of BITS campuses to join our PhD programme on a Part- Time basis.
- In order to attract bright students into research, the tuition fee to all Full Time Ph D students has been reduced by 90%. Similarly, the tuition fee for Part Time PhD and PhD Aspirants has been reduced by 80%.
- While BITS is expected to pay a stipend to 50% of all full time PhD students, the number of PhD students receiving scholarships from CSIR/UGC/ICMR/DBT etc or by sponsored R&D has grown significantly from 23 in 2010 to 2218 in 2017.

BITS has demonstrated a satisfactory growth in research at all three tiers of education.

- Number of PhD degree awarded has witnessed an increase from 55 in 2010, to 112 in 2017.
- Dissertation projects by Higher Degree students have grown from 61 to 140, since 2010.
- Thesis projects completed by First Degree students have grown from 139 to 743, since 2010.
- Number of research papers published by faculty members in SCOPUS indexed journals, have increased from 235 to 878, since 2010.

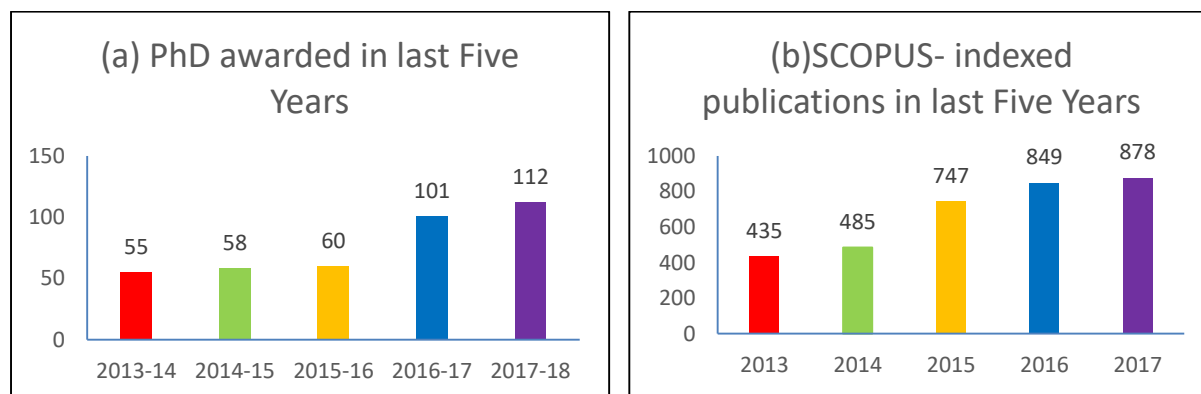


Fig1. Growth of research (a) number of PhD degree awarded and (b) research papers published by BITS faculty in SCOPUS index journals, *in since 2013*.

2. Sponsored Research and consulting:

BITS Pilani under its vision 2020 has set a goal to be among the top 10 research universities in Asia. Through its mission 2012 and 2015, various initiatives were taken to enhance the research capabilities. As a result during 2017-18, sponsored research and consultancy has significantly grown from Rs. 19.4 crore /year average of 5 year to Rs. 27 crore (+39%) in 2017-18 till Feb. 2018. During 2017-18, 253 externally funded sponsored R&D projects worth Rs. 73.33 cr. were ongoing. Of this, 65 projects worth Rs.15.20 cr. were completed. A total of 18 infrastructure grants (Rs. 7.45 cr.) from DST under FIST scheme were ongoing. During the period 23 patent applications were filed.

Following are the important highlights of the research;

- In 2017-18 (till Feb 2018), 93 newly funded sponsored R&D projects worth Rs 27 cr. have been approved.
- During 2017-18, 23 new patent applications were filed including 6 international patent applications namely USA, European Patent, Canada, Australia, Mexico and Japan.

- 13 Industry projects worth Rs. 1.34 cr. were received from various Industries namely Tubes Investment of India Ltd., RTI International USA, Deccan Fine Chemicals Pvt. Ltd., UNICHEM Ltd., IFB Pvt. Ltd., NATCO Pharma, Sarudbhava Formulations Pvt. Ltd., Incisive Elements USA, Axis Clinpharma, Etica Clinpharma, Slyback Pharma etc.
- 3 research infrastructure grants (Rs. 3.4 cr.) from Department of Science and Technology, New Delhi under FIST scheme were awarded to Department of Physics, K.K. Birla Goa Campus (Rs. 1.45 cr.), Department of Physics Piloni Campus (Rs. 1.15cr), and Department of Biological Sciences, K.K. Birla Goa Campus (Rs.0.80 cr).
- A major research project worth Rs. 1.6 cr. from the Department of Biotechnology, New Delhi was awarded to Prof. M Srikanth, Department of Biological Sciences, K.K. Birla Goa Campus in the area waste to energy by anaerobic co digestion of food waste and septage
- Prof. K. Naga Mohan of Biological Sciences, Hyderabad Campus received a major grant of Rs. 1.38 cr. from Department of Biotechnology New Delhi in the area of oral cancer prognosis.
- An international grant of EURO 135,000 (Rs.1.2 cr) under EU INDIGO project with SINTEF Ocean Norway was awarded to Prof Souvik Bhattacharyya (Vice Chancellor and Sr Professor, Piloni) as Principal Investigator together with Prof MS Dasgupta and Dr. S Routroy, Department of Mechanical Engineering Piloni Campus.
- Prof. D. Sriram of the Department of Pharmacy, Hyderabad Campus was awarded Indo-Swedish international project (0.67 cr) with Karolinska Institute Sweden in the area of drug discovery.
- Dr. S Murugesan, Department of Pharmacy was awarded an Indo Spanish project worth Rs. 0.50 cr in the area of Nano formulation.
- Prof. A.K. Sarkar (Director Piloni Campus and Sr Professor Civil Engg.) received a project from NHA for Rs 0.53 cr.
- Prof S.B Singh, Department of Civil Engineering, Piloni Campus received a joint project with CEERI Piloni worth Rs. 0.70 cr.
- Dr H.D. Mathur (EEE,Piloni Campus), Dr Sanhita Roy with Dr Swati Biswas (Pharmacy, Hyderabad Campus), Dr. V. Vamsi Krishna Venuganti , (Pharmacy, Hyderabad Campus), Prof Anupama K.R.(EEE,KK Birla Goa Campus) were also awarded projects worth (0.50 cr) each.
- Funding agencies being Council of Scientific and Industrial research (CSIR), Department of Science and Technology (DST), Science and Engineering Research Board (SERB), Department of Biotechnology (DBT), Department of Science and Technology DST-Rajasthan, Indian Council of Medical Research (ICMR), Defence Research and Development Organization (DRDO), National Highway Authority of India (NHA), Board of Research in Nuclear Science (BRNS, Dept. Of Atomic Energy), Indian Space Research Organization (ISRO), Department of Science Technology & Environment Goa (DSTE, Goa), Indian Council of Social Science Research (ICSSR).

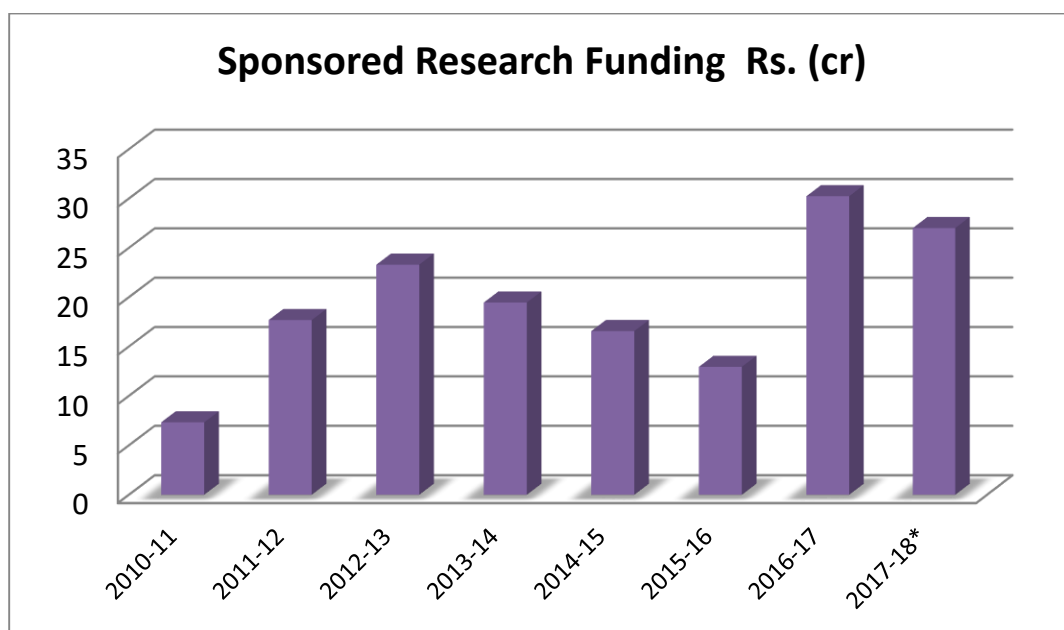


Fig 2: Funding pattern for sponsored research (2010-11 to Feb. 2017-18)

II. INTRODUCTION

Promotional Efforts for Research

Research Initiation Grant

Research Initiation Grant is aimed to enable the beginning of research and related activities for a newly recruited faculty who has significant potential to attract external research funding. Grant is awarded soon after joining BITS for upto Rs 2.0 lakhs to be spent within 24 months of appointment.

Seed Grant Scheme of the Institute

The Institute has initiated a competitive Seed Grant Scheme. This has been done to promote in-house research leading to innovative product or technology development, and /or to start research programs which would develop into creative ventures on their own, through external funding.

Additional Competitive Research Grant for New Faculty

This scheme provides up to 10.0 lakhs to a new faculty to initiate research by procuring equipment or establishing facility necessary for his/her research. This scheme is over and above (a) the usual Rs 2.0 lakh given to eligible new faculty as "Research Initiation Grant" and (b) the Seed grant made available on a competitive basis to existing faculty to initiate research.

Industry Immersion Program:

BITS also encourages and supports its on-campus faculty members to spend few weeks in the industry by sponsoring an Industry Immersion Programme. This helps the faculty members to gain first-hand exposure to processes of industry and understand how theory is translated to practice on the job floor

University Exposure Program:

BITS also encourages and support its faculty members to spend few weeks in reputed research institutions (within and outside India) through University Exposure program.

Center for Research Excellence in water, waste and energy management:

Recognizing the importance of research that cuts across disciplines, (b) the need for faculty across our four campuses to collaborate, and (c) the need to address the growing problems related to water, waste and energy, BITS from its own resources, has established a "Centre of Excellence in Water, Waste and Energy Management" at its three campuses in India. This centre will seek participation by faculty and students from its Dubai campus as well. The 5 projects that have been supported with committed funding of Rs. 2.34 Cr. to undertake development of solutions to real life problems in managing waste, water and energy are continuing. These are inter-disciplinary R&D projects requiring cross-discipline and cross-campus collaboration amongst faculty. While these projects are slated to be completed in summer of 2017, our Faculty already received approval for 3 projects.

Faculty Development Scheme

Faculty development scheme of the Institute, whereby candidates holding M.E./M.Pharm./M.Phil. Degrees are given opportunities to work for the Ph.D. degree, continues to be a bright source of junior level manpower for research. The Institute reimburses their total admission and tuition fee.

Research Scholarships

Besides encouraging full-time Ph.D. students to pursue their research work with the support of Fellowships awarded by national agencies such as the Council for Scientific and Industrial Research (CSIR), University Grants Commission (UGC), Department of Science & Technology (DST), Department of Biotechnology (DBT), Defence Research and Development Organization (DRDO), Indian Council of Medical Research (ICMR), Ministry for Non-conventional Energy Sources (MNES) and International agencies such as Indo-US Science Technology Forum, Newton Bhabha Fellowship (Indo-UK), Erasmus Mundus Fellowship (European Union), Raman Charpak Fellowship (Indo-French) etc.; the Institute also provides assistantship to its full time research scholars. In addition to the assistantship, tuition and admission fee waiver is also provided to deserving candidates.

Research at Outside Centres

Opportunities are also provided to full time research scholars and faculty for carrying out their research work at outside centres within the country and abroad so as to develop manpower in the newer areas of technology and giving special orientation to research. Currently, institutional arrangements with CDRI, Lucknow; ITRC, Lucknow; Uniformed Services University of the Health Sciences (USUHS), Bethesda, Maryland, USA exist for this purpose. Faculty and Ph.D. students have also been actively participating for high quality research exchange within the joint bilateral International sponsored projects with Brazil, Canada, France, Germany, Japan, Netherland, Russia, Ukraine, U.K. and USA.

Part Time Ph D Scheme:

In order to increase and strengthen Ph.D. programme the Institute has decided that in addition to full time students and Ph.D. Aspirants', admission may also be given to the students who are working in reputed research organizations, academic Institutes and industries, situated preferably in the close vicinity of one of the campuses of BITS Pilani, on part time basis. The candidate selected under this scheme, shall be guided by one of the BITS faculty as Supervisor or as a co-supervisor. The progress of these students will be monitored by the respective Departmental Research Committee.

Ph.D. Aspirants' Scheme

The Off-campus Ph.D. under the Ph.D. Aspirants' scheme has attracted wide attention. Under this scheme opportunities are provided to Ph.D. Aspirants of high standing and proven competence from organizations having collaboration with BITS, to work for the Ph.D. degree of the Institute without being disturbed from their professional settings.

Collaborations have also been established with the following institutions for providing Ph.D. opportunities to the research fellows, scientists, faculty and engineers from these organizations:

- Indian School of Business, Hyderabad leading to Ph D in economics and management area.
- Tata Institute of Fundamental Research, Mumbai leading to Ph.D. in Physical and Computational Sciences area.
- Central Electronics Engineering Research Institute, Pilani leading to Ph.D. in Electronic Sciences & ME/Ph.D. in Microelectronics area.
- Industrial Toxicology Research Centre, Lucknow leading to Ph.D. in Industrial Toxicology area.
- SankaraNethralaya and Elite School of Optometry, Chennai, leading to Ph.D. in Optometry and Medical Technology area.
- L.V. Prasad Eye Institute, Hyderabad, leading to Ph.D. in Optomology area.
- Institute of Cardio-Vascular Disease, Chennai, leading to Ph.D. in Cardiac Science area.
- Institute for Technology and Management, Navi Mumbai, leading to Ph.D. in Management related areas.
- Institute of Pathology, ICMR, New Delhi, leading to Ph.D. in Biomedical Sciences and Pathology related areas.

In addition to the above institutional collaborations, a number of high profile professionals from industries, R&D institutions, government, and education sectors have been permitted to take the Ph.D. Qualifying examination and work for the Ph.D. degree of the Institute. Many such professionals are also involved in educational activities of the Institute as a spin off advantage. These professionals are researching upon topics relevant to Indian industries and society.

Research at Higher & First Degree Levels

In the M.E./M.Pharm./M.Phil./M.B.A. Programmes, there is a one semester Dissertation component of 15-25 units. Students of higher degrees opting for dissertation register in this course in their fourth semester and carry out a research project. Hardworking and well-prepared students can carry out their dissertation along with the course work spread over two or three full semesters.

At the first-degree level, besides various project courses, students can opt for a one full-semester thesis project of 16 unit or of 9 units along with course work, in which research is pursued on a relevant topic. The thesis can also be carried out at a suitable R&D Centre outside BITS- within India or abroad. Under this scheme, provision exists for a limited number of students to pursue their research at some of the research labs in India and institutions abroad. CAD Lab., Centre for Robotics and Intelligent Systems, Centre for Materials Science and Technology, Power electronics and Microelectronics laboratories and Centre for Software Development etc. of the Institute continue to offer a large number of thesis projects to the students.

Students Contribution

The creative and talented pool of students at BITS Pilani is actively engaged in carrying out project work at Practice School Centres. They also contribute towards research activities by participating in Conferences, Seminars, Symposia and Training Programmes. Every year a technological festival called 'APOGEE' is organized in Pilani, wherein the students put up ingenious models depicting latest advances in science and technology. An equivalent festival 'QUARK' is organized in the BITS-Pilani K.K. Birla Goa Campus.

Sponsored Research Projects

BITS encourages its faculty to undertake sponsored research projects as well as consultancy projects. The Institute has received sponsored research projects from various national agencies such as Council for Scientific and Industrial research (CSIR), Department of Science and Technology (DST), Department of Biotechnology (DBT), Board of Research in Nuclear Sciences, (BRNS), Defence Research and Development Organization

(DRDO), Department of Electronics and Information Technology (DeitY), Indian Council of Medical Research (ICMR), Indian Council of Agricultural Research (ICAR), Indian Council of Social Science Research (ICSSR), Indian Space Research Organization (ISRO), Ministry of Nonconventional Energy Sources (MNES), Ministry of Mines, and International agencies such as Bill and Melinda Gates Foundation, Indo-UK (UKIERI), DAAD and BMBF (Germany), Indo-French (DST-CEFIPRA), British Council, VINNOVA (Swedish Agency for Innovation), Newton Funds (UK) and such other international bilateral grants. The faculty also received funding from Industries such as Gas Authority of India Limited (GAIL), Center for High technology (Ministry of Petroleum), Accenture (USA), Lockheed Martin (USA), CISCO, Nokia, Microsoft Research India (MSRI), Cipla Biotech Ltd., Tata Trust, HP Lab India, Ranbaxy Research laboratories Ltd., IPCA Laboratories Ltd. etc. Since 2010 the sponsored R&D funding of BITS has significantly grown from Rs. 7.5 cr. in 2010-2011 to Rs. 27 Cr. in 2017-18. Section II gives a list of ongoing sponsored research and consultancy projects.

New Initiatives towards Inducting Fulltime Research Students at the Institute

Institute Fellowship

With a view to increase enrolment of Ph.D. students, Institute has created Research Assistantship for full time Research Fellows. The fellowship amount has been increased up to 25,000 per month from 18200. Currently 261 full time research students, who have been admitted to Ph.D. programme, are receiving Research Assistantship across campuses. These full time research scholars are doing research in the areas such as Biotechnology, Pharmacy, Economics, Management, Physics, Mechanical Engineering Computer Science, Civil Engineering, Electrical and Electronics Engineering, Chemistry, Humanities and Languages.

Direct Fellowships by other funding agencies

Funding agencies such as Council of Scientific and Industrial Research (CSIR), University Grants Commission (UGC), DST, ICMR has provided 88 Junior and Senior Research Fellowships to Ph.D. students of the Institute. These research fellows are working for their Ph.D. degree across the campuses.

Fellowships under Externally Funded Projects

Apart from the above mentioned fellowship there are full time research scholars working on projects sponsored by various agencies like DST, DBT, CSIR, ICAR, NPMASS, Incozen, MOM, BRNS, MNRE, UGC, ICMR, TCS etc. There are 109 research scholars across three campuses at present in such position.

Areas of Research

Currently the research activities are focused in the following areas:

Areas of Research

Biological Sciences: Environmental Biotechnology, Bioinformatics, Microbial Biotechnology, Molecular Biology, Molecular Parasitology & Vector Biology, Molecular Diagnostics, Cancer Biology and Biomarkers, Plant Biotechnology.

Bioengineering: Biomaterials, Biomechanics, Bioinstrumentation, Bio-transport Process.

Civil Engineering: Structures, Water Resources, Geotechnical, Transportation, Environmental Engineering, Image Processing and G.I.S., Disaster Management, Earthquake Engineering, Solar Architecture, Finite Element Method, Non-traditional optimization algorithms, Artificial Neural Networks, Fuzzy Logic and Multicriterion Decision Making and their applications.

Chemical Engineering: Biochemical Engineering, Biomass Gasification, Computation Fluid Dynamics, Energy Engineering, Environmental Engineering, Evolutionary Computation, Modeling and Simulation, Multi-Objective Optimization, Multiphase Reactors, Process Dynamics and Control, Process Integration and Process Intensification, Reaction Engineering, Polymer Science and Engineering, Process Synthesis and Design, Separation Processes and Petroleum Refining and Petrochemicals.

Chemistry: Organic including Natural products, Bioorganic, Inorganic, Bioinorganic, Physical, Biophysical, Medicinal, Analytical, Green, Theoretical and Computational Chemistry; Nanomaterials; X-Ray Crystallography.

Computer Science & Information Systems: Computer Networks, Distributed Systems, Database Systems, Software Engineering, Operating Systems, Multimedia, Computer Control Systems, Computer Architecture, Compilers, Formal Methods, Information Retrieval

Economics and Finance: Macroeconomic Models and Policy, Microeconomic Analysis, Money and Financial Markets, Financial Engineering, Econometric Studies, Financial Modeling, Mathematical Economics, Environmental Economics, Resource Management Systems, Growth Economics, Banking, Micro Finance, Capital Markets, Macroeconomic Modeling, Applied Finance, Environment and Resource Economics International Trade and Finance, Strategy, Financial Management, Corporate Planning, Entrepreneurship, Project Management.

Areas of Research

Electrical and Electronics Engineering: Communication Systems, Wireless and Mobile Ad-hoc Networks, Optical Communication and Networks, Microelectronics and VLSI Design, Signal Processing and Embedded Systems, Power Electronics and Drives, Power Systems, Telecommunication, Robotics and Intelligent Systems, Fiber Optic Sensors, Artificial intelligence techniques in robotics, Instrumentation & Control, Wearable computing, Energy and Power Systems.

Humanistic Studies: Gender Issues including Women Studies, Medical Sociology, Developmental Sociology, Indology, Governance, Business Ethics, Conflict Management, Ethical Communication, Social Development, Sustainable Livelihoods, Consciousness Studies, and Social Ecology.

Languages: Professional Communication, ELT, Literature and Cinema, English Language and Literature, Soft Skills, Mass Communication.

Mathematics: Coding Theory, Cryptology, Algebraic Geometry, Parallel Computing, Fuzzy Logic and its applications, Water pollution, Mathematical Modelling, Nonlinear functional analysis, Computational fluid dynamics, Optimization, Operations Research, Mathematical Biology, Differential equations, Fractional Calculus, Dynamical System, Epidemiology.

Mechanical Engineering: Product Design and Development, Manufacturing Engineering, Manufacturing Excellence Practices, Design Engineering, Materials Engineering, Fracture Studies, Non-destructive Testing, Robotics and Intelligent Systems, Nano Technology, Thermal Engineering, Energy Systems Engineering and Energy Management.

Management: Indian Management Practices, Management Practices in MNC, Cross Cultural Management, Performance Appraisal, Strategic Marketing, Retail, Brand Management, Clustering Methodology, Strategy, Sustainable Development, Evolving Capitalism & Regulations, Project Management, Production Management, Facility Layout Planning, Application of TOC in Operations Management, Supply Chain Management, R&D Management, R&D Performance Measurement, Technology Management, ERP, MIS, E-business, Image Processing, Risk Management, Capital Markets, Quantitative Methods, Business Modeling, Stochastic Modeling of Production Systems, Reliability Analysis & Modeling, Organizational Behavior, Positive Health Psychology, I/O Psychology, Indian Psychology, Innovation and Creativity, Negotiation Skills, Managerial Skills, Entrepreneurship and Health Care Management.

Pharmacy: Drug Design, Synthesis and Screening of New Bioactive Molecules, Drug Delivery Systems, Phytochemistry and Natural Drugs.

Physics: Materials Physics; Condensed Matter Physics; Nuclear, Particle and High Energy Physics; Optics & Spectroscopy.

Interdisciplinary Research: Nanotechnology and nanoscience, Nano-robotics, Micro-electro-mechanical systems (MEMS), Nanomaterials, Mechatronics

Educational Innovation and Institutional Development

The Institute has made attempts to seek research involvement at all the three tiers of education existing in the system, and achieve an optimum output. The total R&D efforts of BITS have encompassed activities both on-campus as well as off-campus. The faculty development scheme of the Institute has provided quality students for the on-campus Ph.D. programme. Emphasis has been on the networking of research and other professional involvement of candidates. The various research programmes are proving to be purposive and innovative in nature. The total number of Ph.D. candidates enrolled in the BITS Ph.D. programme is currently 883. The off-campus Ph.D. scheme has attracted candidates of high standing and research is being carried out by these candidates on topics relevant to their professional involvement in their respective organizations.

The next section and appendices give details of research achievements in the current year.

III. RESEARCH ACHIEVEMENTS IN 2017

In this section, significant achievements made in research and related aspects are highlighted. These are presented under the following broad categories:

- Doctoral Theses of the Year
- Pre-submission Seminars conducted this year
- Research Contributions through Higher Degree Dissertations
- Research Contributions through First Degree Theses
- Ph.D. Qualifying Examinations
- New Doctoral Research Topics/Supervisors approved by the Research Board
- Sponsored Research Projects
- Consultancy Projects and Services Offered
- Research Related Seminars/Workshops
- Research Publications
- Patents filed by BITS faculty
- Awards and Honours for BITS Faculty

1. Doctoral Theses of the Year

This year the following candidates were awarded Ph.D. degree of the Institute. A summary list of Ph.D. since 2010 is given in Annexure – 1.

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
1	Swati Sinha	Electrical & Electronics Engg	Mary Lourde R./ TVC Sarma, NARL Gadaki	New Algorithms for Atmospheric Wind Profiler Radar Signal Processing and Target Classification
2	Mane Pravin Sakhamam	Electrical & Electronics Engg	Ramesha C.K.	Reconfigurable Architecture in Resistive Switching Crossbar
3	D. Sarang Chandrashekhar	Electrical & Electronics Engg	K.R. Anupama/ Lucy J. Gudino	Development of Energy Efficient Network Architecture and Protocol Stack for Underwater Wireless Sensors Networks (UWSNs)
4	Sreejith V.	Electrical & Electronics Engg	K.R. Anupama/ Lucy J. Gudino	Development of Network Architecture and Protocol Stack for Mobile Wireless Sensor Networks
5	Apurva Kumari	Electrical & Electronics Engg	SK Sahoo	Reduction of Computational Complexity and Hardware Implementation of Restoration Based Algorithm for Weather Degraded Images and videos
6	Syed Ershad Ahmed	Electrical & Electronics Engg	MB Srinivas	High Performance Binary, Logarithmic and BCD multiplier Architectures
7	Vineet Kumar	Electrical & Electronics Engg	Abhijit Rameshwar Asati/ Anu Gupta	Iris Localization in Iris Recognition System : Algorithms and Hardware Implementation
8	Vinita Tiwari	Electrical & Electronics Engg	V.K.Chaubey	Design and Performance Analysis of Hgh Sped Optical Communication Skills
9	Swati D. Keskar	Electrical & Electronics Engg	Rahul Banerjee	An Innovative Wearable Computing Framework for Erly Detection of Cardiac Anomalies
10	Satish Mohanty	Electrical & Electronics Engg	KK Gupta/ K Solomon Raju	Vibro-Acoustic Health Monitoring of Bearings using Signal Processing Techniques
11	Palanivel G.	Electrical & Electronics Engg	Biju K. Joseph	Compression and error robustness performance improvement of a scalable multi view video coding frame work
12	Lucky Sharan	Electrical & Electronics Engg	VK Chaubey	Study and Analysis of Spectrally Efficient Modulation Formats in High Speed DWDM Optical Systems

S.No	Name	Departmentt	Supervisor/ Co supervisor	Thesis Title
13	Ashish Misra	Electrical & Electronics Engg	Kota Solomon Raju/ Abhijit Rameshwar Asati	Framework for Translation of C/C++ Applications on Reconfigurable Computing Systems
14	Rajan Pandey	Economics & Finance	Arya Kumar	Empirical Investigation and Analysis of Volatility Forecasting Models for the Indian Stock Market
15	Rajni Singh	Humanities & Social Sciences	SK Choudhary	An Empirical Study on the Predictive Role of Socio-demographic and Socio-psychological Factors on Secondary School Students Achievements in Learning ESL
16	Neerja Vyas	Humanities & Social Sciences	Sushila Shekhawat	Narrative Form of Selected Hindi Biopics: An Empirical Study of Style and Structure
17	Anjani Srikanth Koka	Humanities & Social Sciences	Meenakshi Raman	A Critical Analysis of the Soft Skills Requirements of the IT Industry and the Soft Skills Training Provided in the Select Engineering College of Andhra Pradesh
18	Arun Kumar Poonia	Humanities & Social Sciences	GS Chauhan	Communication Strategies for Promoting Tourist: Discursive Analysis of Television Campaign: Khushboo Gujarat Ki
19	Sanjeev Saxena	Management	Prashant Mishra	Impact of Service Orientation on Organizational Performance
20	RN Bansal	Management	Meenakshi Malhotra	Investigating Impact of Perceived Leader's Behaviour on Employees' Motivation and Job Satisfaction in a Select Nonprofit Healthcare Organisation
21	Preeti Tiwari	Management	Anil K. Bhat/ Jyoti Tikoria	An Empirical Investigation into Determinants of Social Entrepreneurial Intentions
22	Nirankush Dutta	Management		Role of Trust in Online Social Media Marketing: A Model Building Approach
23	Sachin Kumar	Mathematics	CB Gupta	A Statistical Study of Demographic Models with Reference to Some Indian States
24	Femi R.	Mechanical Engg	Shibu Clement/Anita Agarawal	Modelling and Analysis of Scalable Arcless Micromechanical Switches for Power Applications
25	Pavan Kumar Potdar	Mechanical Engg	Srikanta Routroy	Development of Agility Enhancement Strategies for Agile Manufacturing
26	Neha Arora	Mechanical Engg	NN Sharma/ SS Islam	Investigation on Transformation of Carbon Black to Carbon Nanotube using Arc Discharge Method
27	Simarpreet Singh	Mechanical Engg	MS Dasgupta	Trans-critical CO2 System for Warm Climate: An Evaluation of System Configurations and Scroll Expander
28	Metikela S. Babu	Mechanical Engg	Shibu Clement/ NKS Rajan	Experimental Investigations and Modelling Studies on Performance of Spark Ignited Engine with Varied Composition of Producer gas
29	C.V.Sunil Kumar	Mechanical Engg	Srikanta Routroy	Design of Supplier Development Programs for Indian Manufacturing Companies - A Supply Chain Perspective
30	Arunima Rana	Management	Anil K. Bhat/ Leela Rani	Investigations into Modeling Online Brand Equity
31	Priyanka Sharma	Pharmacy	KP Narayan	Development of Ninerlocorticoid Receptor-Mediated Anticancer Liposomal Delivery Systems
32	Suman Labala	Pharmacy	VV Krishna Vamsi	Layer-by-Layer Assembled Nanoparticles for Drug Delivery Through Skin
33	Padma Sridevi J.	Pharmacy	D. Sriram	Design, Synthesis and Biological Assessment of Topoisomerase-1 Inhibitors Targeting Mycobacterium tuberculosis

S.No	Name	Departmentt	Supervisor/ Co supervisor	Thesis Title
34	Anantaraju Hasithashilpa	Pharmacy	P. Yogeeswari/ S. Viswanadha	Cathepsin D, an Aspartic Protease as a Potent Therapeutic Option for Breast Cancer: Design, Synthesis and Bioevaluation against Triple-Positive and Triple-Negative Breast Cancers
35	Mahaveer Singh	Pharmacy	H.R. Jadhav	Design, Synthesis and Evaluation of Novel Anticancer Agents
36	Deepali Gupta	Pharmacy	R. Mahesh	Behavioral and Neuro-pharmacological Screening of Potential Serotonergic Ligands for the Management of Depression and Anxiety Co-morbid with Type-1 Diabetes Mellitus
37	Akanksha Saini	Pharmacy	Ranjan Dey	Computation of "Excess, Transport and Allied Thermodynamic Properties to Study Intermolecular Interactions in Binary and Higher Order Liquid Mixtures
38	Bobesh K. Andrews	Pharmacy	D Sriram	Development of Novel DNA Gyrase Inhibitors Targeting Mycobacterium Tuberculosis
39	R. Reshma Sri Lakshmi	Pharmacy	D. Sriram	Development of Novel Cysteine Synthase M and Lysine ϵ - Aminotransferase Inhibitors Targeting Dormant Stages of Mycobacterium tuberculosis
40	Hemalatha Beesetti	Pharmacy	S. Swaminathan/ Navin Khanna	Investigation of Approaches to Inhibit Dengue Virus
41	Shailender Joseph	Pharmacy	Punna Rao Ravi	Study on Pharmacokinetic and Nanocarrier Formulation Approaches for Improving the Oral Bioavailability of Tenofovir Disoproxil Fumarate in the Effective Treatment of HIV/AIDS
42	Sourabh Mundra	Pharmacy	R. Mahesh	Design, Synthesis and Screening of Potential Anti-malarial Agents
43	Kaushal Pathak	Pharmacy	Anookh Mohanan/ HR Jadhav	Contribution of Liver Fat and Visceral Fat to Cardiometabolic Risk In Diabetic Patients in India
44	Subhash Chander	Pharmacy	S. Murugesan	Study of Novel NNRTIs as Potential Agents Against HIV-1 and Opportunistic Infections
45	Seba Sara Varghese	Physics	Sundar Swaminthan/ KK Singh	Investigation of Doped Graphene Properties using Density Functional Theory and its Applications in Gas Sensing
46	A. Venkatesan	Physics	E.S. Kannan	Transport and Gas Sensing Properties of One Dimensional Metal Oxide Nanostructures and Graphene Oxide Based Composites
47	Jitendra Kumar	Physics	V. Manjuladevi	Effect of Nanomaterial Dopants on the Physical Properties of Liquid Crystals
48	Keerti Choudhary	Physics	V. Manjuladevi	Studies on Liquid Crystals and Nanocomposites at Interfaces
49	Devanarayanan VP	Physics	RK Gupta	Development of Surface Plasmon Resonance based Instrument with a Novel Opto-mechanical Scanning Mechanism
50	Surender Pratap	Physics	Niladri Sarkar	Study of Low Dimensional Systems with NEGF and RMT Approach
51	Kabilan M.	Biotechnology	Judith M. Braganca	Microbial Diversity of Halpphilic Archaea and Bacterial Solar Salterns and Studies on their Production of Antiarchaeal Substances
52	Walawalkar Yogesh Dilip Dipti	Biological Sciences	Vijayshree Nayak	A Study on Correlation of Chronic Salmonella enterica serovar Typhi Infection with Gallbladder Diseases

S.No	Name	Departmentt	Supervisor/ Co supervisor	Thesis Title
53	Ketaki R. Deshmukh	Biological Sciences	Meenal Kowshik/ Sutapa Roy Ramanan	Synthesis and Characterization of Fluorescent Hydroxyapatite Nanoparticles and Their Applications In Bioimaging and Plasmid Delivery
54	Shruti Balaji	Biological Sciences	Anasuya Ganguly	Functional Predictions of the Transcription Factor RFX6 During Huan Pancreati Development
55	Pallavee Srivastava	Biological Sciences	Meenal Kowshik	Biological Synthesis of Metallic and Metal Sulfide Nanoparticles using Halopahilic Archaea and Bacteria
56	Gella Laxmi	Biological Sciences	Rajiv Raman/Kunda MM Rao	Structural and Functional Correlations in Diabetic Retinopathy
57	Priyanka Dwivedi	Biological Sciences	Vijayashree Nayak/ Ashok Kumar	Development of Novel Tissue Engineering Strategies to Treat Osteoarthritis
58	Geethanjali Ravindran	Biological Sciences	Angshuman Sarkar	Study of the Effects of Cadmium Toxicity on Regulation of Small GTPases, HSP70 and Apoptosis in Human Alveolar Cells
59	P. Priyadarshini Pai	Biological Sciences	Sukanta Mondal	Analysis and Identification of Protein-Ligand Interacting Residues Using Computational Approaches
60	S. Srilekha	Biological Sciences	N. Soumitra/ Suman Kapur	Genetic Analysis of Consanguineous South Indian Families with Leber Congenital Amaurosis and Retinitis Pigmentosa usig Homozygosity Mapping
61	Shivani Gupta	Biological Sciences	Suman Kapur	Isolation & Characterization of Naturally Occurring Acyltransferase or Related Clas of Enzymes for Synthesis of HMG Co-A Reductase Inhibitors
62	Rashima A.	Biological Sciences	Ronnie Jacob George/ Suman Kapur	Quantification of Ocular Ultraviolet-B Radiation Exposure in a South Indian Population and its Association with Ocular Surface Disorders, Pseudoexfoliation, Cataract and Age-related Macular Degeneration - A Part of the Chennai Eye Disease Incidence Study
63	Jameel Rizwana H	Biological Sciences	R. Krishna Kumar/Suman Kapur	Binocular Vision Anomalies and Normative Data (BAND) of Binocular Vision Parameters among School Children Between 7 and 17 Years of Age in Rural and Urban Tamilnadu
64	Akshay Bhatnagar	Biological Sciences	D Bandyopathay	Role of Protein Microenvrionemnt In Modulating Strucure and Function of Gystine, Cysteine and Aspartic Acid
65	K. Raja Shekar Varma	Biological Sciences	Ramakrishna Vadrevu	Structure and Sequence Level Analysis of $\beta\alpha\beta$ Motifs and Loops in TIM Barrel Proteins: Implications for Protein Folding, Design and Engineering
66	Manasi	Biological Sciences	Vidya Rajesh/ N. Rajesh	Genetic Metabolic and Physiological Studies of Indigenous Halomonas BVR 1 Isolated from Electronic Industry Effluent for Remediation of Heavy Metals
67	Gagandeep Singh Saggi	Biological Sciences	Vishal Saxena	Characterization of Apicoplast-targeted Isoprenoids Biosynthesis Pathway Enzymes from Plasmodium vivax and P. falciparum
68	Himanshu Kaushal	Biological Sciences	Poonam Salotra/Dr. Sanjeev Kumar	Studies on Immunological Responses to Parasite Surface Antigen as a Potential Vaccine Candidate against Human Leishmaniasis and Estimation of Asymptomatic Leishmania Infrections in the Endemic areas
69	PA Boopathi	Biological Sciences	AK Das	In vivo transcriptome Profiling of Plasmodium vivax Clinical Isolates: New Insights ito Severe Malaria

S.No	Name	Departmentt	Supervisor/ Co supervisor	Thesis Title
70	Rajnish Prakash Singh	Biological Sciences	PN Jha	Molecular Characterization of ACC Diaminase Producing Bacteria for Induced Systemic Tolerance in Wheat (<i>Triticum aestivum</i> L.)
71	Namita Singh	Biological Sciences	Sangita Rastogi/Vishal Saxena	Studies on Immuno-molecular Pathways Triggered by <i>Chlamydia trachomatis</i> Infection in First Trimester Spontaneous Abortion
72	Gurpreet Kaur Sidhu	Biological Sciences	Sandhya Mehrotra	Analyzing Structural and Functional Evolutionary links between RuBisCO and Carbo Concentrating Mechanism (CCM) Proteins
73	Nitu Kumari	Biological Sciences	Sunita Saxena/ Usha Agarwal/ Uma S. Dubey	Identification and Characterization of Urinary Proteins as Post Surgery Surveillance Markers in Urothelial Carcinoma
74	Zarna Rajeshkumar Pala	Biological Sciences	Vishal Saxena	Characterization of SUF Pathway (Iron-Sulphur Cluster Biogenesis) Functional in the Apicoplast of <i>Plasmodium vivax</i>
75	Kumar Avishek	Biological Sciences	Poonam Salotra/ Uma S. Dubey	Studies on Genration and Characterization of Live Attenuated <i>Leishmania</i> Parasites as Vaccine Candidates of Visceral Leishmaniasis
76	Rini Dhawan	Biological Sciences	Lalita Gupta	Immune Responses of <i>Anopheles stephensi</i> and <i>Anopheles culicifacies</i> against Malaria Parasite development
77	Priyadarshini Parakh	Chemistry	Halan Prakash	Study on Ruthenium Complexes and Methylene Blue Based Photosensitizers for Visible Light Bactericidal Action
78	Tantak Mukund P.	Chemistry	Dalip Kumar/ Anil Kumar	Design, Synthesis and Anticancer Activity Studies of Selected Indole-Based Heterocycles
79	Meenakshi Pilania	Chemistry	Dalip Kumar	Organoiodines in the Sythesis and Functionalization of some Novel Bioactive Heteroccles
80	Sunita Choudhary	Chemistry	Anil Kumar	Ionic Liquid-supported Sulfonyl Hydrazine and Iodine Reagents: Synthesis and Application in Selected Organic Transformations
81	Ganesh M. Shelke	Chemistry	Anil Kumar/Mukund Jha	Development of Synthetic Methods for Selected Indole-Based Heterocyclic Compounds from Indole, Isatin and Indoline-2-thione
82	V.Arun	Chemistry	Dalip Kumar	Organoiodine-Promoted Strategies for the Construction of Selected Bioactive Heterocycles.
83	Surendran G.	Chemical Engg	Saroj Sundar Baran	Experimental Studies on Cr(VI) Removal from Wastewater by adsorption using Pig Iron Sludge and Biochar
84	Amol Anilrao Deshpande	Chemical Engg	S. Krishnaswamy	Experimental and Theoretical Studies on Unmixed Combustion for Heat Transfer Applications
85	Somesh Mishra	Chemical Engg	Smita Raghuvanshi/ Suresh Gupta	Experimental Studies on Bio-mitigation of CO ₂ and its Utilization for Product recovery and Process Development
86	Praveen Saini	Chemistry	A. Chattopadhyay	A computational Investigation of Oxaziridine Photoconversion and E-Z Isomerization Processes of Some Acyclic Nitron Systems
87	Vikash Kumar	Chemistry	Mainak Banerjee/ Amrita Chatterjee	Amphiphiles: Design, Syntheses, Studies on Their Biomolcular Interactions and Micellar Catalysis
88	D.G.Khandare	Chemistry	Amrita Chatterjee	Design and Synthesis of Aggregation-Induced Emission Based Probes for Detection of Toxic and Biologically Important Analytes

S.No	Name	Departmentt	Supervisor/ Co supervisor	Thesis Title
89	Dalavi Shankar Balu	Chemistry	RN Panda	Studies of Nano-magnetism of Fe, Co, Ni and Pt based ferromagnetic Metal and Alloy Nanoparticles Snthesized via Novel Chemical Routes
90	Nagesh HN	Chemistry	KVG Chandrasekhar	Design and Synthesis of Piperazine/1,2,3,-Triazole Tailored Heterocycles ad Their Ati-tubercular and Photophysical Applicationq
91	Shivani Sharma	Chemistry	N. Rajesh	Preparation and Characterization of Customized Adsorbents for the Recovery of Palladium from Spent Catalysts and Industrial Wastes
92	Kumari Suman	Chemistry	Madhushree Sarkar	Crystal Engineering of Co-ordination Polymers (CPs) Derived from Bis-pyridyl amides and Analyzing Their Structural Transformations Triggered by External Stimulus
93	Ashok Sharma	Chemistry	Paritosh Shukla	Nickel Catalyzed Coupling Reactions and Studies on Pyranopyrazole Heterocyclic Molecules
94	Pinku	Chemistry	Anil Kumar	Synthesis of Imiazol[1,2- α]pyridines and their Functionalization via C-C and C-N Bond Formation using Transition Metal Catalysts
95	Archana Choudhary	Chemistry	Saumi Ray	Synthesis and Characterization of "Ship-in-a-Bottle" Complexes inside the Microporous and Mesoporous Matrials
96	Arun Nihal Singh	Civil Engg	Anupam Singhal/ Rajiv Gupta	Investigation, Mappting and Treatment Techniques for Fluoride, Nitrate and TDS in Groundwater of Shekhawati Region (Rajasthan, India)
97	Ajit Kumar Vidyarthi	Civil Engg	AP Singh	Development of Integrated Environmental Pollution Index for Industrial Clusters
98	Rajendra Kumar Roul	Computer Science and Information Systems	Sanjay Kumar Sahay	Design and Investigation of Techniques to Improve Information Retrieval on the Web
99	Jagan Mohan Reddy D.	Computer Science and Information Systems	C.Hota	Peer-to-peer network traffic classification based on statistical and behavioral analysis
100	Avinash Gautam	Computer Science and Information Systems	Sudeept Mohan	Design and Implementation of Efficient Coordination Algorithms for Multi-Robot Systems
101	Mayuri A. Digalwar	Computer Science and Information Systems	Sudeept Mohan/ Biju K. R.	Energy Efficient Multicore Scheduling Algorithms for Real Time Systems
102	Ritu Arora	Computer Science and Information Systems	Sanjay Goel/ R.K. Mittal	A Framework and Tool for Supporting Collaborative Work in Software Development
103	Pawaskar Pinky	Economics & Finance	Mridula Goel	Consumer Behavior Analysis in Trourism: Opportunities and Challenges for Goa
104	Rajiv Agarwal	Economics & Finance	Keith D'Souza/ Arya Kumar	An Empirical Study of Career Choices of Successors in Family Managed Businesses in Indian Context
105	Varun Chotia	Economics & Finance	NVM Rao	Public Infrastructure Investment, Economic Growth and Fiscal Sustainability in India: An Empirical study

2. Ph.D. Thesis Submitted and Under Process of Evaluation

S.No	Name	Departmentt	Supervisor/ Co-supervisor	Thesis Title
1	Bandekar Divya Ramesh	Biological Sciences	Sumit Biswas	Structural and Functional Studies on VC0395_0300 Protein from <i>Vibrio cholerae</i>
2	Ajay Ghosh Chalasani	Biological Sciences	Utpal Roy/ Angshuman Sarkar	Biochemical and Funtioal Characterization of a Narrow-Spectrum Antibacterial Peptide from the Wild-type <i>Bacillus sp.</i>
3	Ramya R	Biological Sciences	Utpal Roy	Purification, Biochemical and Functional Characterization of Bacillomycin-type Lipopeptides of <i>Bacillus subtilis</i> RLID 12.1 and Optimization for the Selective Production of the Most Potent Antifungal variant
4	Anuradha Pal	Biological Sciences	Suman Kapur/ BC Woodside	Impact of Functional Mutations of OPRM1 Gene on Immune Cell Function/s
5	Venkata Harini Kema	Biological Sciences	Palash Mandal/ Suman Kapur	Studying the Role of Diallyl Sulfide in Ameliorating Ethanol Induced Adipose Tissue Injury
6	Bitragunta Siva Prasad	Biological Sciences	P. Sankar Ganesh	Toxicity Evaluation of TiO ₂ Nanoparticles in Earthwork (<i>Eisenia fetida</i>)
7	Srikrupa NN	Biological Sciences	N. Soumitra/ Suman Kapur	Leber Congenital Amaurosis: Clinical Profiling and Genetic Analysis Using High Throughput Resequencing in an Indian Cohort
8	Rupak Kumar	Biological Sciences	Suman Kapur	Biological Approaches for Treating Industrial Effluents Containing 'Morpholine'
9	Panchsheela Nogia	Biological Sciences	Sandhya Mehrotra	Targeting Cyanobacterial Bicarbonate Transporter BicA into Chloroplast of Model C3 Plants and Analyzing Transient Expressio and Localization
10	Isha Pandey	Biological Sciences	A.K. Das	Comparative Genome Analysis and Localization of Hypothetical Conserved Plasmodial Proteins
11	Parik Kakani	Biological Sciences	Sanjeev Kumar/ Pankaj Kumar Sharma	The Role of Anopheles Heme Peroxidases in Mosquito Immunity against Blood-Borne Antinens and Divergent Expression of Anopheline Lineage-Specific Duplicated Genes
12	Bolisetty Sreenivasulu	Chemical Engg	Inkollu Sreedhar	Kinetics and Engineering of Carbon Capture by Chemical Looping Process
13	Appala Naidu U.	Chemical Engg	Srikanta Dinda	Polymerization and Kinetic Studies of Ketonic Resin Synthesized by Environment - Friendly Method
14	Poonam Khedar	Chemistry	Anil Kumar	Click Chemistry Inspired Synthesis of Novel Triazolyl Conjugates and their Antimicrobial Activity
15	Atul Sharma	Chemistry	Sunil Bhand/ Jean Louis Marty	Development of Novel Aptasensing Techniques for Detection of Mycotoxins and Antibiotic Residues in Food and Beverages
16	Chetana Anand Deoghare	Chemistry	Rashmi Chauhan	Vibro-Acoustic Health Monitoring of Bearings using Signal Processing Techniques
17	Barun Kumar Ghosh	Chemistry	NN Ghosh	Synthesis of Magnetically Separable Metal Nanoparticle Loaded Mesoporous Catalysts and Study of Their Versatile Catalytic Activities
18	Saisudhakar Mukka	Chemistry	K. Sumithra	Electronic and Structural Properties of Substituted Oligo- and Polythiophenes
19	T. Dayagiri	Chemistry	Anupam Bhattacharya	Synthetic Studies on Fused Pyridine/Dihydropyridine Based Heerocyclic Systems
20	SM Abdul Shakoor	Chemistry	Rajeev Sakhuja	C-H Functionalization of Imidazo-Heterocycles and Exploration of Imidazolium-Supported Benzotriazole Reagenet for Selective Organic

S.No	Name	Department	Supervisor/ Co-supervisor	Thesis Title
				Transformations
21	Sri Kalyana Rama J	Civil Engg	MVN Sivakumar/ A. Vasani	Proportioning of Self Compacting Concrete Based on Plastic Viscosity Approach Experimental and Numerical Investigations
22	Anuradha Devi	Civil Engg	Anupam Singhal/ Rajiv Gupta & SK Verma	Treatment of Spent Pickling Liquor and Applications of Pickling Sludge
23	Shaik Hussain	Civil Engg	Dependu Bhunia/ S.B. Singh	A Study on the Effect of Carbonation on Properties of Concrete
24	Govada Aruna	Computer Science and Information Systems	S.K. Sahay	Study in Data Reduction and Multi-Class Classification for Distributed Data
25	Gawali Shubhangi K.	Computer Science and Information Systems	KR Biju/ B.M. Deshpande	Design of Energy Efficient Schedulers for Multicore Hard Real Time Systems
26	Ashu Sharma	Computer Science and Information Systems	Sanjay K. Sahay	Group-wise Classification Approach to Improve Malware Detection Accuracy
27	Prafulla Kalapatapu	Computer Science and Information Systems	Aruna Malapati	Novel Content-based Similarity Approaches for Indian Music
28	BKSP Kumar Raju Alluri	Computer Science and Information Systems	G. Geethakumari	Incident Handling in IaaS Cloud Environment using Digital Forensic Practices
29	Sonal Kumari	Computer Science and Information Systems	Naneet Goyal/ Poonam Goyal	Design and Implementation of Exact, Efficient, and Scalable Parallel Clustering Algorithms
30	Gawas Mahadev Anant	Electrical and Electronics Engg	Lucy J. Gudino/ K.R. Anupama	Cross Layer Design Approaches for the Enhancement of QoS in MANETs
31	S Sankhar Reddy Ch.	Electrical and Electronics Engg	KR Anupama/ Anita Agarwal	Modular Self-Reconfigurable Robot for Implementation of Biomimetic Structures
32	Rakhee	Electrical and Electronics Engg	MB Srinivas	Ant-Colony based Energy Efficient Routing Technique for Wireless Body Area Networks
33	Madhuri Bayya	Electrical and Electronics Engg	BVVSN Prabhakar Rao/ N Moorthy Muthukrishnan	Battery Monitoring using Source Side Excitation with Voltage Pulse Sequence
34	Venkata Pavan Kumar Arapirala	Electrical and Electronics Engg	Alivelu M. Parimi/ K. Uma Rao	Tie-Line Frequency Bias Control of an Interconnected PV-Wind Hybrid Power System
35	Ramchandra Nittala	Electrical and Electronics Engg	Alivelu M. Parimi/ K. Uma Rao	Mitigation of Power Quality Problems Using Interline Dynamic Voltage Restorer
36	Goutham Makkena	Electrical and Electronics Engg	MB Srinivas	Time-Domain Synthesis of Continuous-Time Filters using Nonlinear Sequence Transformation
37	Sai Phaneendra P.	Electrical and Electronics Engg	MB Srinivas	Towards Realizing Low Quantum Cost Reversible Logic Circuits
38	Priya Gupta	Electrical and Electronics Engg	Anu Gupta/ Abhijit Rameshwar Asati	Design Exploration of low power arithmetic and SRAM circuits using subthreshold design techniques
39	Dinesh Kumar Tyagi	Electrical and Electronics Engg	V.K. Chaubey	Survivable Routing Mechanisms in Optical WDM Networks
40	Meenakshi Sharma	Management	Leela Rani	Understanding the Impact of Social Learning Forms on Environmentally Sustainable Consumption Behavior among Children

S.No	Name	Department	Supervisor/ Co-supervisor	Thesis Title
41	CV Jayanthi	Management	U. Dhyani	Perspectives on Some Aspects of Ethical Awareness in Corporate India - an Empirical Study
42	Rakesh Kumar G	Mechanical Engg	Suresh Kumar Reddy Narala	Machinability Studies of Ti-6Al-4V Alloy Using Novel Minimal Solid Lubricant Mixture Application Method
43	Sravan Kumar J	Mechanical Engg	SK Reddy Narala	Atomized Liquid Nitrogen Spray Assisted Machining of Al-TiCp Metal Matrix Compositized with Different Tool Geometry
44	Barla Madhavi	Mechanical Engg	Jeevan Jaidi	Experimental and Numerical Studies of Friction Stir Welded Joints of Aluminium-Alloy (AA5052-H32) Plates
45	Rajesh Kumar	Mechanical Engg	Ravi Inder Singh	An Investigation of Lab Scale Oxygen Enriched Bubbling Fluidized Bed Combustor for Cofiring Conditions
46	Sanjeev Jakhar	Mechanical Engg	Manoj Kumar Soni	Design, Analysis and Development of Photovoltaic and Concentrating Photovoltaic Cooling Systems with Earth Water/Air Heat Exchanger
47	Pushkar Kulkarni	Pharmacy	P. Yogeewari/ Uday Saxena	Zebrafish Models for Neuroscience Drug Discovery
48	R. Sruthi	Pharmacy	Rajeev Taliyan	Investigating the Molecular Mechanisms Involved in Neuroprotective Effect of Remote Limb Ischemic Post Conditioning Against Cerebral Ischemic Reperfusion Injury and Associated Cognitive Deficits
49	Pankaj Wadhwa	Pharmacy	HR Jadhav	Design, Synthesis and Evaluation of Novel HIV-1 Integrase Inhibitors
50	Jaya Abraham	Pharmacy	RN Saha	Design and Evaluation of Novel Delivery Systems of Tapentadol for Enhanced Brain Delivery
51	Matharasala Gangadhar	Pharmacy	P. Yogeewari	Molecular Pharmacological Investigations on New Chemical Entities Useful in the Treatment of neuropathic Pain
52	Amaraju Suresh	Pharmacy	KVG Chandra Sekhar	Design and Synthesis of 1,2,3/1,2,4-Triazole based Novel Heterocyclic Compounds as Anti-Anti-tubercular Agents
53	Anup Jose	Pharmacy	VV Krishna Venuganti	Transcutaneous Co-Delivery of Therapeutic Agents using Liposomes to Treat Cancer
54	Prasanthi Malapati	Pharmacy	D. Sriram	Design and Synthesis of Novel Mycobacterium tuberculosis Pantothenate Kinase and Glutamate Racemase Inhibitors
55	Almesh Kadakol	Pharmacy	Gaikwad Anil Bhanudas	Role of Esculetin on Renin Angiotensin System and Epigenetics in the development of Cardiovascular and Renal Complications associated with Type 2 Diabetes
56	Anuradha	Pharmacy	Gaikwad Anil Bhanudas	Role of Epigenetics in Modulating Inflammatory Response Mediated by NF- κ B through AT1 or AT2 receptors in the Development of Renal Failure under Type 2 Diabetic Condition
57	Dhaval Suri	Physics	R.S. Patel	A Study of Electronic and Thermal Transport Properties of Transition Metal Dichalcogenides for Device Applications
58	L.Raja	Physics	S.Sindhu	Synthesis and Characterization of Organic Luminescent Materials (Zn(II) and Ru(III)) and Fabrication of Energy-Efficient Organic Light Emitting Diodes Using Alq ₃
59	Tridev A Mishra	Physics	Tapomoy G. Sarkar/ JN Bandyopadhyay	Some Studies on Modifications of Low Dimensional Systems under the Application of Periodic Driving

3. Research Contributions through Higher Degree Dissertations

A total of 140 Dissertation Projects have been carried out by higher degree M.E./M.Pharm students across campuses. The list is given in Annexure - 2.

4. Research Contributions through First Degree Theses

A total of 743 students have completed their first-degree theses. The thesis course is a one-semester course and a student is involved full time for this research involvement. Besides faculty members of the Institute, scientists from R&D labs and other professionals also supervise the thesis work across campuses. The complete list is given in Annexure - 3.

5. Ph.D. Qualifying Examinations

All Ph.D. candidates before taking up the doctoral research have to appear and pass a Ph.D. Qualifying examination. Ph D qualifying examination is conducted in the sub areas identified by each department for this purpose. A Ph D student has to choose two subareas for his/her qualifying examination. One of these area must be the sub-discipline in which he/she proposes to undertake research. Faculty members of the Institute and professionals from the world-of-work may be permitted to appear in the qualifying examination even before completing the formalities of Ph.D. admissions.

In the year 2017, a total of 195 candidates were permitted to appear in the Qualifying examination. The details are provided below:

Semester	Permitted to appear in QE	Appeared	Passed	Failed	Did not appear and dropped
II Sem. 2016-17	86	86	67	19	0
I Sem. 2017-18	109	108	91	18	1
Total	195	194	158	37	1

6. New Doctoral Research Topics / Supervisors Approved

This year, two hundred and thirty four (234) research proposals were approved by the DCC. Besides approving the topic of research, the DCC also approves the proposed supervisors for guiding the research. The details of approved topics/supervisors are given below:

S. No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
1.	Anuj Dixit 2016PHXF0415P	Design of healthcare supply chain for generic medicines to enhance availability and minimize wastage	Prof. Srikanta Routroy	Dr. Sunil Kumar Dubey	BITS, Pilani - Pilani Campus
2	Santosh Kumar Yadav 2016PHXF0020P	Study of Observational Constraints on Dark Sector of the Universe	Dr. Suresh Kumar		BITS, Pilani - Pilani Campus
3	Sandeep Dalal 2016PHXF0011P	Study of Semigroups and Associated Graphs	Dr. Jitender Kumar		BITS, Pilani - Pilani Campus
4	Zeeshan 2015PHXF0406P	Determinants and Dynamics of Farm and Non-Farm Diversification for Sustainable Economic Development in India	Dr. Geetilaxmi Mohapatra		BITS, Pilani - Pilani Campus
5	Tripti Misra 2015PHXF0002P	Molecular and functional characterization of amyloids of Enterobacter cloacae SBP-8 in relation to biofilm formation and pathogenesis	Prof. P.N. Jha	Dr. Meghna Tare	BITS, Pilani - Pilani Campus
6	Neelakshi Sharma 2016PHXF0008P	Synthesis and characterization of Li ⁺ -NASICON based novel glass-ceramic nanocomposites	Prof. Anshuman Dalvi		BITS, Pilani - Pilani Campus
7	Ashutosh Joshi 2017PHXF0035H	Development of surface plasmon resonance instrument and its sensing application	Prof. Raj Kumar Gupta		BITS, Pilani - Pilani Campus
8	Aditi Mandal 2016PHXF0009P	Plasmon-mediated (e,2e): understanding the role of	Dr. Rakesh Choubisa	Dr. Didier Sebilliau	BITS, Pilani - Pilani Campus

S. No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
		plasmons in the generation of secondary electrons in condensed matter			
9	Punit Khatri 2017PHXF0009P	Modeling and Estimation of Drinking Water Quality Index (WQDI) based on Integrated Multi-Sensor Array	Dr. KK Gupta	Dr. RK Gupta	BITS, Pilani - Pilani Campus
10	Rahul Sharma 2016PHXF0006P	Design and analysis of energy efficient relay selection protocols for cooperative and cognitive radio communication systems	Dr. Sainath Bitragunta		BITS, Pilani - Pilani Campus
11	Abheek Gupta 2016PHXF0423P	Artificial Neural Network algorithms for classification and pattern recognition on digital hardware with applications in Water Quality measurement and Water Quality Indexing	Dr. Anu Gupta	Dr. Rajiv Gupta	BITS, Pilani - Pilani Campus
12	Sneha Lata 2016PHXF0022P	Designing, synthesis and Validation of Salinity stress responsive promoter in plants	Dr. Rajesh Mehrotra		BITS, Pilani - Pilani Campus
13	Neelam Mahala 2015PHXF0419P	Studies on Anticancer Property of Lactoferrin and its Interaction with Other Molecules	Dr. Uma S. Dubey		BITS, Pilani - Pilani Campus
14	Kanika 2017PHXF0027P	Energy Efficient Circuit Design for Energy Autonomous IoT Systems using Emerging Non-Volatile Memory	Dr. Nitin Chaturvedi		BITS, Pilani - Pilani Campus
15	Praveen Kumar Sharma 2016PHXF0502P	Design and Analysis of Metamaterial Based Antenna for Wearable Applications	Prof. Navneet Gupta		BITS, Pilani - Pilani Campus
16	Abhay SD Rajput 2016PHXP0102P	Science Communication by 'Scientists': A Study in the Indian Context	Prof. Sunita Raina		BITS, Pilani - Pilani Campus
17	Neha Gupta 2015PHXF0405P	Dynamics of Financial Crises and the Role of Investor Sentiment	Prof. Arya Kumar		BITS, Pilani - Pilani Campus
18	Vaibhav Shastri 2015PHXF0008P	Design and Development of Portfolio Selection Strategies using Hierarchical Networks	Dr. Krishna M.	Prof. NVM Rao	BITS, Pilani - Pilani Campus
19	Vivek Tiwari 2016PHXF0414P	Design & Development of High-Temperature Latent Heat Thermal Energy Storage for Power Generation	Prof. P. Srinivasan		BITS, Pilani - Pilani Campus
20	Gokhale Nitish Pandurang 2016PHXF0416P	Development and experimental investigation of a wire-arc based additive manufacturing (WAAM) metal deposition process for producing free form metallic parts	Dr. Prateek Kala		BITS, Pilani - Pilani Campus
21	Angela Samanta 2016PHXF0001G	Study of the Effects of Quinacrine on Human Breast and Colon Cancer Cell Lines	Dr. Angshuman Sarakar		BITS, Pilani - KK Birla Goa Campus
22	Zantye Pranjita Ganesh 2016PHXF0003G	Hydroxyapatite nanoparticle assisted <i>in vitro</i> gene delivery in mouse embryonic stem cells: Studying mechanisms and efficiency.	Dr. Meenal Kowshik	Dr. Indrani Talukdar Prof. Sutapa Roy Ramanan	BITS, Pilani - KK Birla Goa Campus
23	Ram Uttam Gawas 2016PHXF0006G	Design and Synthesis of AIE and ESIP Based Fluorescent Chemodosimeters for the Detection of Toxic Analytes	Dr. Amrita Chatterjee	-----	BITS, Pilani - KK Birla Goa Campus

		Including Heavy Metals, Anions and Small Molecules			
24	Mrs Archana Vinod Kulkarni 2015PHXF0405G	Performance Assessment of Existing Pollution Control Units in a Grass Root Refinery To Suggest Strategies For Zero Liquid Discharge	Dr. S.D. Manjare	Dr. G.Srinikethan	BITS, Pilani - KK Birla Goa Campus
25	Dileep M 2014PH010018G	Photocatalytic Degradation of waste water from Paper and pulp industries	Dr. Saroj Sundar Baral	-----	BITS, Pilani - KK Birla Goa Campus
26	A V B Acharyulu 2017PHXF0023G	Intensification of iron ore sintering process to reduce emissions and cost	Dr. Saroj Sundar Baral	Dr. Maruti Ram K	BITS, Pilani - KK Birla Goa Campus
27	Amal S Siju 2017PHXF0026G	Improving Tribological Behaviour of Turning Inserts by Surface Modification at Micro Scale	Dr. Sachin Waingankar	-----	BITS, Pilani - KK Birla Goa Campus
28	Shinde Rushikesh Bhagwanrao 2016PHXF0417G	Crashworthiness Study of Aluminium-Composite Collapsible Energy Absorber	Dr. Kiran Mali	-----	BITS, Pilani - KK Birla Goa Campus
29	Rizwan Praveen 2017PHXF0027G	Design of Cyber Physical Systems for Health Related Applications and its Integration with Existing Interfaces	Dr. Neena Goveas	-----	BITS, Pilani - KK Birla Goa Campus
30	Gaurav Gupta 2013PHXF0502G	Design of Fault tolerant Mixed Critically [MCS] Multi-core Systems with Adaptive Resource Utilization	Dr. Biju K. Ravendran	-----	BITS, Pilani - KK Birla Goa Campus
31	Iftekhar Alam 2016PHXF0019G	A critical analysis of the impact of spiritual intelligence on the strategic decision making ability of personnel involved in R&D in technology sector	Dr. Shalini Upadhyay	Dr. Nitin Upadhyay	BITS, Pilani - KK Birla Goa Campus
32	Shawnn M. Coutinho 2016PHXF0013G	Determinants and outcomes of Customer (Patient) Experience with respect to Healthcare Services	Dr. Ch V.V.S.N.V. Prasad	-----	BITS, Pilani - KK Birla Goa Campus
33	Abhishek Kumar Sinha 2016PHXF0011G	An Economic Analysis of the Determinants and Outcomes of Innovation in Small and Medium Enterprises (SMEs) in India	Dr. Aswini Kumar Mishra	-----	BITS, Pilani - KK Birla Goa Campus
34	MOHAMMED ALMAS SHAMAILA 2015PHXF0500H	Development and Evaluation of Nano-based Nucleic Acid Biosensor for Detection of Hepatitis C Virus (HCV) in Human Samples	Dr. Jayati Ray Dutta	Dr. G. Ramakrishnan Dr. M N. Khaja	BITS-Pilani, Hyderabad campus & Bioviz Technologies Pvt.Ltd.,Hyderabad
35	SUNDARAI AH KONDA 2016PHXF0103H	Development of Endothermic Fuel and its Thermokinetics Studies	Dr. Srikanta Dinda		Propellant & Polymer Division, DRDL, Kanchanbagh, Hyderabad & BITS-Pilani, Hyderabad campus
36	DEEPTHI PRIYANKA DAMERA 2016PHXF0005H	Spectroscopic investigation of different nanocarriers for biological applications	Dr. Amit Nag		BITS-Pilani, Hyderabad campus
37	VENKATA SIVAKUMAR BODDUPALLI 2016PHXF0108H	Design, synthesis and biological evaluation of Nitrogen analogues as anti-tubercular agents	Prof. K.V.G. Chandra Sekhar		BITS-Pilani, Hyderabad campus
38	RAJA SEK HAR VOGURI 2016PHXF0109H	Characterisation of pharmaceutical materials: Co-crystals and Amorphous by a combined experimental	Dr. Subhas Ghosal	Dr. Archan Dey	BITS-Pilani, Hyderabad campus & IPDO, Dr. Reddy's

		and computational approach			laboratories, Bachupally, Hyderabad
39	SABITHA D 2016PHXF 0110H	Synthesis, Characterisation and Applications of Heteroleptic Complexes and Metal Organic Framework.	Dr. R. Krishnan	Dr. A Keshav Krishna	BITS-Pilani, Hyderabad campus & CSIR-NGRI, Hyderabad
40	M JAYATHEJA 2016PHXF0403H	Performance Evaluation of Backfill Soils Partially Replaced with Building Derived Materials	Dr. Anasua Guharay	Dr. Arkamitra Kar	BITS-Pilani, Hyderabad campus
41	CHERUKURU BALA VENKATA HAREEN 2016PHXF0404H	Evaluation of the Seismic Behavior of Plan Asymmetric Multistory Buildings (PAMB) with Vertical Irregularities and Their Torsional Vibration Control Using Passive Dampers	Dr. Mohan S.C		BITS-Pilani, Hyderabad campus
42	ATHIRA GOPINATH 2016PHXF0051H	Performance Assessment of Sugarcane Bagasse Ash and Rice Straw Ash Based Binders	Dr. Bahurudeen A		BITS-Pilani, Hyderabad campus
43	GOURISH GOUDAR 2016PHXF0405H	Estimators for Efficient Buffer Management in Mobile Opportunistic Networks	Dr. Suvadip Batabyal		BITS-Pilani, Hyderabad campus
44	BHAVYA SINGHVI 2015PHXF0510H	Essays on topics in management accounting	Dr. Niranjana Swain	Dr. Sanjay Kallapur	Indian School of Business, Hyderabad
45	PUNEETH S B 2016PHXF0016H	Development of Electro-Microfluidic Viscometer (EMV) for Biomedical Diagnostics	Dr. Sanket Goel		BITS-Pilani, Hyderabad campus
46	RAJAMANURI VENKATA SRAVYA 2016PHXF0013H	Enhancing the performance of patch antenna in terms of bandwidth and gain using Electromagnetic Bandgap Structures (EBG).	Dr. Runa Kumari		BITS-Pilani, Hyderabad campus
47	SRAVANKUMAR VITTAPU 2016PHXF0014H	Design and Development of Low Power Motion Estimation Architectures for HEVC Applications	Dr. Sumitkumar Chatterjee	Dr. Souvik Kundu	BITS-Pilani, Hyderabad campus
48	P MICHAEL PREETAM RAJ 2016PHXF0017H	Investigation of novel oxide based non-volatile switching memory devices and their potential applications in analog and digital electronics	Dr. Souvik Kundu	Dr. Sumit Kumar Chatterjee	BITS-Pilani, Hyderabad campus
49	PRAKASH PALASRAM REWATKAR 2017PHXF0012H	Development of Membraneless Microfluidics Enzymatic Biofuel cell (M-MEBFC) for Energy Harvesting and Glucose Sensing	Dr. Sanket Goel		BITS-Pilani, Hyderabad campus
50	MD. ABDUL RAHEEM JUNAIDI 2016PHXF0119H	Design modification and analysis of an existing form of Laparoscopic forceps	Dr. Ram Chandra Murthy K		BITS-Pilani, Hyderabad campus
51	SUNIL DUTTA 2017PHXF0301H	Development and Investigations on Surface Integrity of Turned Novel AM Series Alloy using High Performance Tools	Prof. N Suresh Kumar Reddy		BITS-Pilani, Hyderabad campus
52	GAYATRI VINEELA MARRIVADA 2016PHXF0416H	Design and fabrication of braided hybrid composite overwrapped pressure vessel	Dr. C.P. Kiran	Dr. Sujith R	BITS-Pilani, Hyderabad campus
53	G. PRAVEEN KUMAR 2016PHXF0420H	Experimental investigations and mathematical modeling of incremental forming processes	Dr. K. Suresh		BITS-Pilani, Hyderabad campus

54	P V SAI DIVYA 2016PHXF0419H	Thermo-mechanical analysis of direct chill casting of magnesium alloys	Dr P Pavan Kumar		BITS-Pilani, Hyderabad campus
55	GAURI RAJENDRA MAHALLE 2016PHXF0415H	Experimental and Finite Element (FE) Studies of Forming, Fracture and Wrinkling Limit Diagrams for Inconel 718 Alloy at Elevated Temperatures	Dr. Nitin R Kotkunde	Prof. Amit Kumar Gupta	BITS-Pilani, Hyderabad campus
56	HEMANTH MITHUN PRAVEEN 2016PHXF0417H	Investigation on Multicomponent Fault Interactions and Remaining Useful Life of Critical Components in a Wind Turbine Planetary Gearbox	Dr. Sabareesh Geetha Rajasekharan		BITS-Pilani, Hyderabad campus
57	L.RAMAYEE 2016PHXF0418H	Study of Aerodynamically Efficient Lobed Mixer Ducted Wind Turbine	Dr. Supradeepan K		BITS-Pilani, Hyderabad campus
58	SACHCHIDANAND DAS 2015PHXF0514H	Investigations on development of a Metamaterial Periodic Structure for machinery vibration isolation	Dr. Sabareesh Geetha Rajasekharan	Prof. Y V D Rao	BITS-Pilani, Hyderabad campus
59	AKHIL BHARDWAJ 2016PHXF0421H	Enhancement of mechanical properties of Ti6Al4V alloy sheet using constrained groove pressing and heat treatment	Dr. Amit Kumar Gupta		BITS-Pilani, Hyderabad campus
60	PAWAN KUMAR CHAUHAN 2016PHXF0422H	Hydrogen adsorption on mesoporous polymer derived silicon oxycarbide ceramics.	Dr. Sujith R	Dr. Parameshwaran R	BITS-Pilani, Hyderabad campus
61	SUBHASIS ROY 2016PHXF0507H	Role of Autotaxin-Lipophosphatidic Acid (ATX-LPA) Signaling in Pathogenesis of Chronic Liver Disease and Associated Hepatic Encephalopathy and Renal Injury	Dr. OnkarPrakash Kulkarni	Dr. Manish Banerjee	BITS-Pilani, Hyderabad campus & TCG Lifesciences Pvt. Ltd. Kolkata
62	PRAGYA PARAMITA PAL 2017PHXF0026H	Investigation on the Metabolites of <i>Piper nigrum</i> Endophytes for Discovering Pro-Inflammatory Cytokine Inhibitors	Dr. A. Sajeli Begum		BITS-Pilani, Hyderabad campus
63	YAMINI BOBDE 2016PHXF0424H	Development of Stimuli-responsive Acrylic Polymeric Systems for Drug Delivery in Cancer	Dr. Balaram Ghosh	Dr. Swati Biswas	BITS-Pilani, Hyderabad campus
64	ASHA MATTA 2016PHXF0508H	Development of Polymeric Microneedle Array for Oral Delivery of Chemotherapeutics to treat Head and Neck Cancer	Dr. V. V. Vamsi Krishna		BITS-Pilani, Hyderabad campus
65	GIRDHARI ROY 2017PHXF0025H	Ocular Delivery of Therapeutics Using Polymeric Microneedles	Dr. V. V. Vamsi Krishna		BITS-Pilani, Hyderabad campus

66	TV RADHAKRISHNA MULLAPUDI 2017PHXF0108H	Identification of UGT-isoform specific substrates and inhibitors and their contribution in drug metabolism and systemic levels of bile secretions	Prof. Punna Rao Ravi		Acubiosys Private Limited
67	ESTHARLA MADHU REKHA 2016PHXF0031H	Advancing Host-Directed Therapy for Tuberculosis: Development of novel mTOR/PI3K inhibitors as an adjunctive treatment for tuberculosis	Dr. D. Sriram		BITS-Pilani, Hyderabad campus
68	K HARITHA 2015PHXF0517H	Modelling Mechanical Properties of Biofilms	Prof Aravinda N Raghavan	Dr. Asma Ahmed	BITS-Pilani, Hyderabad campus
69	Sreenivas Venguru 2017PHXF0302P	Fluid Structure Interaction (FSI) based study of the clot removal process in cerebral blood vessels using a catheter	Dr. Shyam Sunder Yadav	Dr. Girdhar Gaurav	BITS, Pilani - Pilani Campus
70	Jagrity Chaudhary 2016PHXP0014P	Syntheses, Study of Photophysical Properties and Applications of Near Infra-red AIE Active Molecules: A combined Approach of Computational Modeling and Experiments	Prof. R.K. Roy	Prof. Inamur Rahaman Laskar	BITS, Pilani - Pilani Campus
71	Sayantana Halder 2016PHXP0013P	Physicochemical characterization of some gemini surfactant based soft matter systems	Prof. SK Saha		BITS, Pilani - Pilani Campus
72	Vikki Narayan Shinde 2016PHXP0016P	Synthesis of Novel Fused Aza-heterocycles via Transition Metal Catalyzed Cross Dehydrogenative Coupling Reactions	Prof. Anil Kumar	Prof Dalip Kumar	BITS, Pilani - Pilani Campus
73	Chavi Mahala 2016PHXP0015P	Synthesis of 2D sheet and it's decoration on semiconductor nanosheet for electrocatalytic and photoelectrochemical (PEC) water splitting	Dr. Surojit Pande	Dr. Mrinmoyee Basu	BITS, Pilani - Pilani Campus
74	Virender Singh Phogat 2016PHXP0501P	Study of Various factors affecting Hill Roads and their Environmental Impact Assessment	Dr. Anupam Singhal	Dr. Ravi Kant Mittal	BITS, Pilani - Pilani Campus
75	Gaurav Nagpal 2016PHXF0106P	Inventory Modeling and Optimization for high technology products with successive generations	Dr. Udayan Chanda		BITS, Pilani - Pilani Campus
76	Arpit Rastogi 2016PHXF0108P	Empirical Investigation and Validation of a Framework for Sustainable Development of Electric Vehicle (EVs) Manufacturing Industry in India	Prof. Abhijeet K. Digalwar		BITS, Pilani - Pilani Campus
77	Nidhi Mundra 2016PHXF0101P	Development and Validation of Lean-Six Sigma and Agile Manufacturing: An Integrated Framework for Indian Industries	Prof. Rajesh P Mishra		BITS, Pilani - Pilani Campus
78	Harish Kumar Mlchandani 2011PH430451P	Identification of hazard consistent ground motions for response history analysis and resilience based design of framed structures	Dr. G. Muthukumar		BITS, Pilani - Pilani Campus
79	Kanupriya Arya 2016PHXP0504P	Restoring Marginalized Voices of Partition Narratives through Selected Works and Movies	Dr. Devika		BITS, Pilani - Pilani Campus
80	Sandhya Pande 2015PHXF0504P	Conceptualization of Innovation Management Maturity Model for Automotive Industry in India	Dr. Neetu Yadav		BITS, Pilani - Pilani Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
81.	Venkata Vijayan S. 2016PHXF0017P	Design of adaptive soft sensors for monitoring and control of industrial processes	Dr. A.K. Pani	Dr. H.K. Mohanta	BITS, Pilani - Pilani Campus
82.	Sanjay Vidhyadharan 2016PHXF0409H	Design and Development of Improved Tunnel FET Based VLSI Circuits as a Viable Alternative to the State-of-the-Art CMOS Technology for Low Power Analog and Digital Applications	Dr. Surya Shankar Dan	Dr. Saroj Mondal	BITS, Pilani - Hyderabad Campus
83.	Pradeep Singh Rawat 2017PHXF0300H	Development and Evaluation of novel nanoparticle loaded in situ gel formulation of an Anti Glaucoma drug	Prof. Punna Rao Ravi	Dr. Rajeev Singh Raghuvanshi	Dr. Reddy's Laboratories Ltd., Hyderabad
84.	Arun S. Nair 2015PHXF0024G	Design of Multicore Mixed Criticality Model & High Performance Scheduler for ISO26262 Automotive Functional Safety Real-time Systems	Dr. Biju K. Raveendram	Prof. Sasikumar Punnekkat	BITS, Pilani - KK Birla Goa Campus
85.	J.L. Louella M. Mesquita Colaco 2015PHXF0009G	Design of Energy Efficient multi-core mixed criticality resource constrained and DO 178b/C complaint Real Time Schedule for Robotics/Avionics like applications	Dr. Biju K. Raveendram	Prof. Sasikumar Punnekkat	BITS, Pilani - KK Birla Goa Campus
86.	Ravindra Singh Saluja 2016PHXF0419G	Study of the selection issue in joining process for different applications	Dr. Varinder Singh		BITS, Pilani - KK Birla Goa Campus
87.	Abhilash Kumar Tilak 2016PHXF0420G	Effects of hybrid nanofluids on fluid dynamics and heat transfer characteristics of various microchannels	Dr. Ranjit S. Patil		BITS, Pilani - KK Birla Goa Campus
88.	Pabitra Kumar Pradhan 2016PHXF0021G	Analytical and Numerical Study of Quasilinear Hyperbolic Systems of PDEs	Dr. Manoj Kumar Pandey		BITS, Pilani - KK Birla Goa Campus
89.	Satish G. 2016PHXF0414H	Development of secure and efficient image encryption algorithms	Dr. Manish Kumar	Prof. Michael Alphonse	BITS, Pilani - Hyderabad Campus
90.	Dhanashree H. Surve 2016PHXF0417P	Development of surface modified lipid nanoparticles for targeted delivery of anti-HIV drugs	Dr. Anil Jindal		BITS, Pilani - Pilani Campus
91.	Priyadeep Manchanda 2016PHXF0506P	Assessment of metabolism-based herb-drug interaction potential of Herbal medicine(s) with synthetic drugs	Dr. Atish T. Paul	Dr. Prabhakar K.R.	Syngene International Ltd., Bangalore
92.	Shruti 2016PHXF0012P	Stochastic Modelling and Performance Evaluation of Cellular Mobile Networks	Dr. Rakhee		BITS, Pilani - Pilani Campus
93.	Mukesh Singh Tomar 2016PHXP901U	Investigation on effects of passive fire protection techniques in tunnel fire environment	Dr. Shashank Khurana	-	BITS, Pilani - Dubai Campus
94.	Bibina VC 2015PHXF005U	Early Detection of Alzheimer's: An Application of Biomedical Signal Processing	Dr. Mary Lourde R.	Dr. Ajit Kumar	BITS, Pilani - Dubai Campus
95.	Satyendra Singh Chauhan 2015PHXP012P	Blood flow through stenotic arteries with Newtonian or non-Newtonian fluid approach	Dr. Ashish Tiwari	-	BITS, Pilani - Pilani Campus
96.	Krishna Kumari Swain 2015PHXF408G	Heavy metal analysis in water and sea food using novel biosensor based on enzymes and enzyme mimics	Prof. Sunil Bhand	Prof. Aditya P. Koley	BITS Pilani - KK Birla Goa Campus

97.	Akanksha Gavendra 2015PHXF404G	Influence of filler particle morphology and surface characteristics on rheological dynamics of particle-filled nanocomposites and yield stress fluids	Dr. Asima Shaukat	-	BITS, Pilani KK Birla Goa Campus
98.	Shalom Mathew Sardinha 2015PHXF018G	Development of Loss Reduction Techniques in Generation, Transmission and Distribution of Electricity in India	Dr. Debasis Patnaik	Dr. Debdulal Thakur	BITS, Pilani KK Birla Goa Campus
99.	Harinder Singh 2016PHXF018G	India's Maritime Goodwill Curve: Feasibility and Prospect Analysis	Prof. R.P. Pradhan	-	BITS, Pilani KK Birla Goa Campus
100.	Tanya Anne Pinto 2015PHXF005G	An analysis of the intersection of caste and gender in the occupation of waste pickers in select cities of India	Dr. K.A. Geetha	-	BITS, Pilani KK Birla Goa Campus
101.	Tanna Shilpa Shirishkumar 2016PHXF017G	Graphic Narration: A Study of Indian Graphic Novels	Dr. Geetha B.	-	BITS, Pilani KK Birla Goa Campus
102.	Pravin Kumari 2015PHXP409P	Boundary Layer Resolving Numerical Methods for Singularly Perturbed Boundary Value Problems	Dr. Devendra Kumar	-	BITS, Pilani - Pilani Campus
103.	Krishna Veer Singh 2016PHXP005P	Energy Efficiency Improvement in Plug-in/Solar Hybrid Electric Vehicle using Ultra capacitors	Dr. Hari Om Bansal	Dr. Dheerendra Singh	BITS, Pilani - Pilani Campus
104.	Dave Heema Bharatkumar 2015PHXF407P	Design and Analysis of High Performance Impedance Source Inverter (UHP-ZSI) For Adjustable Speed Drive System	Dr. Dheerendra Singh	Dr. Hari Om Bansal	BITS, Pilani - Pilani Campus
105.	Prateek Bindra 2016PHXP409P	Titanium dioxide nanostructures based devices for selective vapor sensing	Dr. Arnab Hazra	-	BITS, Pilani - Pilani Campus
106.	Ritish Kumar 2016PHXF007P	Design and Development of Microstrip Slot-Antenna for Directive Ultra Wideband (UWB) Applications	Dr. Praveen Kumar A.V	-	BITS, Pilani - Pilani Campus
107.	Parul Taneja 2016PHXF010P	Development of thin film based sensor	Dr. Raj Kumar Gupta	Dr. Karunesh Kumar Gupta	BITS, Pilani - Pilani Campus
108.	Ishan Mata 2015PHXF015P	Studies in Differential Cohomology	Dr. Rishikesh Vaidya	-	BITS, Pilani - Pilani Campus
109.	Arghya Maity 2014PHXF424P	Statistical Thermodynamics of DNA molecule in crowded environment	Dr. Navin Singh	-	BITS, Pilani - Pilani Campus
110.	Kiran Raj K. 2015PHXP014P	Fracture behavior of biological and bio-inspired composites	Dr. Murali Palla	-	BITS, Pilani - Pilani Campus
111.	Premanath Murge 2016PHXF003H	Development of Solid Adsorbents for CO ₂ capture from simulated flue gas: Material Synthesis, Characterization, Kinetics and Process Optimization	Dr. Srikant Dinda	Dr. Sounak Roy	BITS, Pilani - Hyderabad Campus
112.	Thirupathi Reddy P 2015PHXF504H	Synthetic Studies on Lumazine peptides, 9-substituted 1H-benzo[f]indoles and Pyrrolo [2,3-c]	Dr. Anupam Bhattacharya	-	BITS, Pilani - Hyderabad Campus

		quinolines			
113.	Karuna Anna Sajeevan 2015PHXF404H	Structural and Functional Characterization of Animal Venom Toxins using Computer Simulations	Dr. Durba Roy	-	BITS, Pilani - Hyderabad Campus
114.	Vineesha Chundi 2016PHXF007H	Pavement Asset Management System for Indian Highways	Dr. Sridhar Raju	-	BITS, Pilani - Hyderabad Campus
115.	B S A S Rajita 2015PHXF409H	Analysis of Temporally Evolving Social Network Patterns	Dr. Anand N Murthy	-	BITS, Pilani - Hyderabad Campus
116.	Rashmi Sahay 2016PHXF009H	Securing the Internet of Things Environment against RPL (Routing Protocol for Low power and Lossy Network) Attacks	Dr. G. Geethakumari	Dr. Bashra Mitra	BITS, Pilani - Hyderabad Campus
117.	Ramakant 2016PHXF601H	Development of Physics-based Compact Analytical Model and Simulation of Double-Gate Fully Depleted Silicon-on-Insulator Tunnel Field effect Transistor (DG FDSOI TFET) Device	Dr. Surya Shankar Dan	Dr. Subhendu Kumar Sahoo	BITS, Pilani - Hyderabad Campus
118.	Sandeep Kumar 2016PHXF600H	Investigations on Possible Realization of Wideband High Efficiency Compact Metamaterial-Based Antenna for Wireless Applications	Dr. Runa Kumar	Dr. S.R. Zinka	BITS, Pilani - Hyderabad Campus
119.	Alugoju Uday Kumar 2015PHXF412H	Numerical Modelling and Optimization Studies on Minichannels and Microchannels	Dr. Satish Kumar Dubey	Dr. Arshad Javed	BITS, Pilani - Hyderabad Campus
120.	G. Naveen Kumar 2015PHXF515H	Experimental and analytical studies on cryogenically conditioned nanoencapsulated PCM-enhanced mortar for cooling applications in tropical buildings	Dr. R. Parameshwaran	Dr. V. Vinayaka Ram	BITS, Pilani - Hyderabad Campus
121.	Pavandatta M Jadhav 2016PHXF022H	Development of Multi Component Nano Composite Coated Cutting Tools	Dr. N. Suresh Kumar Reddy	-	BITS, Pilani - Hyderabad Campus
122.	Amar S.D. 2016PHXF023H	Hybrid Ultrasonic Assisted Bottom Pour Stir Casting Process - A Novel Casting Approach to Improve Quality of Aluminium Alloy Casting	Dr. N. Suresh Kumar Reddy	-	BITS, Pilani - Hyderabad Campus
123.	Ankamma Rao P 2016PHXF024H	Experimental studies on thermochemical energy conversion and storage characteristics	Dr. N. Jalaiah	Dr. R. Parameshwaran	BITS, Pilani - Hyderabad Campus
124.	Inturi Vamsi 2016PHXF025H	Development of an integrated and adaptive condition monitoring scheme for fault diagnosis in different stages of wind turbine gear box	Dr. Sabareesh Geetha Rajasekharan	Dr. Pavan Kumar Penumakala	BITS, Pilani - Hyderabad Campus
125.	K Limbadri 2016PHXF118H	Experimental and finite element studies on formability of Zircaloy-4	Kurra Suresh	Prof. Swadesh Kumar Singh	GRIET, Hyderabad
126.	Kirti 2016PHXF030H	Discovery of pro-inflammatory cytokine inhibitors from bacterial	Dr. A Sajeli Begum	Dr. Onkar Kulkarni	BITS, Pilani - Hyderabad Campus

		strain for treatment of renal inflammation			
127.	Vagolu Siva Krishna 2015PHXF416H	Design and development of novel bacterial ketol-acid reductoisomerase inhibitors	Dr. D. Sriram	-	BITS, Pilani - Hyderabad Campus
128.	Naga Thirumalesh Chevala 2016PHXF026H	Development of smart capsule containing drug loaded multilayer film to target colorectal cancer	Dr. V.V. Vamsi Krishna	-	BITS, Pilani - Hyderabad Campus
129.	Ankur Joshi 2015PHXP503P	Design and Development of Robust Credit Risk Management and Risk Appetite Framework for the Banking Sector	Prof. NVM Rao	Dr. A.K. Vaish	BITS, Pilani - Pilani Campus
130.	Rahul Priyadarshi 2016PHXP003P	Design of Post-Harvest Supply Chain for Selected Agriculture Produces in India	Prof. Srikanta Routroy	Dr. Girish Kant	BITS, Pilani - Pilani Campus
131.	Vikas Kumar 2016PHXF019P	RNAi screening to study the role of Mosquito ATP-binding cassette (ABC) transporter(s) in immunity against blood-borne pathogens	Prof. Vishal Saxena	Prof. Sanjeev Kumar Dr. Shilpi Garg	BITS, Pilani - Pilani Campus
132.	Shahid Khan 2015PHXF401P	Identifying the role of Type VI secretion system of Enterobacter cloacae SBP-8 in its pathogenicity	Prof. P.N. Jha	Dr. Sandhya Marathe	BITS, Pilani - Pilani Campus
133.	Heena Saini 2015PHXF402P	A comparative analysis and understanding of molecular aspects of drug sensitivity in cancer cells with null, wild type and gain of function mutant p53	Prof. Shibashish Chowdhury	Dr. Rajdeep Chowdhury	BITS, Pilani - Pilani Campus
134.	Pinky 2015PHXP404P	Cloning and characterization of the amino acid transmembrane transporter from <i>Arabidopsis thaliana</i>	Prof. Rajesh Mehrotra	-	BITS, Pilani - Pilani Campus
135.	Jiss Maria Louis 2015PHXF401G	Role of alternative splicing in type 2 diabetes; a genome wide approach	Dr. Indrani Talukdar	-	BITS, Pilani - KK Birla Goa Campus
136.	Guruprasad V. Talekar 2015PHXF402G	Design and development of Electrochemical system for decentralized wastewater treatment and energy recovery	Dr. Srikanth Munturi	-	BITS, Pilani - KK Birla Goa Campus
137.	Mukund Harugade 2016PHXF026G	Experimental Investigations and Analysis of Magnetic field Assisted Electrochemical Discharge Machining Process	Dr. Sachin Waigaonkar	-	BITS, Pilani - KK Birla Goa Campus
138.	Dixit Swadesh Sandesh 2016PHXF024G	On fracture behavior of pressure vessel steel; cryogenic treatment and acoustic emission technique	Dr. Vikas Chaudhari	-	BITS, Pilani - KK Birla Goa Campus
139.	Hendre Kedar Madhukar 2016PHXF025G	Enhancement of Crashworthiness of Automobiles by Reducing Injuries to upper Extremities and Improved Airbag Characteristics	Dr. Mali Kiran Dinkar	Prof. D.M. Mulkarni	BITS, Pilani - KK Birla Goa Campus
140.	Devendra Yadaorao Shahare	Design of Controllers for Semi-active Suspension	Dr. Pravin M. Singru	Dr. Narayan S. Manrekar	BITS, Pilani - KK Birla Goa Campus

	2015PHXF025G	System for Half Car Model using MR Damper			
141.	Rayudu Nithin Manohar Chowdary 2016PHXF416G	Simulation of simultaneous rock fractures with coalescence using partition of unity element method	Dr. Gaurva Singh	Dr. Xuhai Tang	BITS, Pilani - KK Birla Goa Campus
142.	Tirtharaj Dash 2016PHXF421G	Search as a Game in Machine Learning with application to Biological Problems	Dr. Ashwin Srinivasan	Dr. Sukanta Mondal	BITS, Pilani - KK Birla Goa Campus
143.	Mohit Sewak 2015PHXF023G	Study and Design of Cognitive System for the Detection of Advanced Malware	Dr. Sanjay K. Sahay	-	BITS, Pilani - KK Birla Goa Campus
144.	Kalyan Ram B 2016PHXF016G	Development of Resource Management Strategies for Machine to Machine (M2M) Communication Platform	Dr. Nitin Sharma	-	BITS, Pilani - KK Birla Goa Campus
145.	Vivek Chandran K.P. 2016PHXF423G	Gyro-less Attitude and Attitude-Rate Estimation for a Satellite Using Non Linear Models and Star Vector Observations	Dr. Narayan S Manjarekar	Dr. Pravin M. Singru	BITS, Pilani - KK Birla Goa Campus
146.	Gibin Chacko George 2016PHXF014G	Design and development of reconfigurable hardware accelerator for the analysis of reflectometry data	Dr. Amalin Prince	-	BITS, Pilani - KK Birla Goa Campus
147.	Naik Akhilesh Gurudas 2016PHXF015G	Design and Optimization of High Speed Digital Multipliers	Prof. Dipankar Pal	-	BITS, Pilani - KK Birla Goa Campus
148.	Madhurya Chandel 2015PHXF406G	Development of grapheme based magnetically separable nanocatalysts which can exhibit versatile and efficient catalytic activity towards several organic reactions	Dr. N.N. Ghosh	-	BITS, Pilani - KK Birla Goa Campus
149.	Apeksha Ashok Phadte 2015PHXF409G	Heteroaromatic push-pull molecules dibenzodioxins, phenazines, porphyrins: Design, synthesis, electronic properties and anti-tumor activity	Dr. Subhadeep Banerjee	-	BITS, Pilani - KK Birla Goa Campus
150.	Himanshu Purohit 2015PHXF502P	Person Authentication Based on Multi-Model Biometric System	Dr. Pawan K. Ajmera	-	Sir Padampat Singhania Univ. Udaipur
151.	Sandeep Lakshmipathy 2016PHXF701P	Multi-sided platform business models in India: A strategic analysis	Dr. Raghunathan R.	Prof. Srinivasan R.	BITS, Pilani - Pilani Campus
152.	Munish Pal Singh 2015PHXP102P	Investigations into Service Operations and Service Quality Dimensions of Indian Automotive after-sales market for enhancing Customer satisfaction	Dr. Satyendra Kumar Sharma	Dr. Udayan Chanda	BITS, Pilani - Pilani Campus
153.	Shailee Gaur 2016PHXF023P	Production and recovery of biosurfactants using oil based waste as a substrate	Dr. Amit Jain	Dr. Suresh Gupta	BITS, Pilani - Pilani Campus
154.	Agnivesh P 2014PH30065P	Analysis and Modelling of Urban Freight Demand for Seven Cities in Kerala, India	Dr. Prasanta Kumar Sahu	-	BITS, Pilani - Pilani Campus
155.	Avinash Kumar	Aspect Based Opinion	Dr. Aruna	Prof. N.L.	BITS, Pilani -

	2015PHXF507H	Mining Of Social Media Content	Malapati	Bhanumurthy	Hyderabad Campus
156.	Perna Kaushik 2013PH12192P	Developing streaming and online algorithms for Social Media Analytics	Dr. Navneet Goyal	-	BITS, Pilani - Pilani Campus
157.	Sandhya 2015PHXP007P	Design and Development of Models for Enhancing the Performance and Management of Computer Networks Using Software Defined Networking Paradigm	Dr. K. Hari Babu	Dr. Ashutosh Bhatia	BITS, Pilani - Pilani Campus
158.	Prakash Inbasekaran 2016PHXP900U	Relationship between Organizational Diversity Climate and Employee Acculturation: An Empirical Study of Expatriates in MNCs of United Arab Emirates	Dr. Shazi Shah Jabeen	Dr. Srinivasa A. Rao	BITS Pilani - Dubai Campus
	Aljo Jose 2015PHXP002U	Secure and real-time authorization of in-flight sale transaction payments	Dr. Sujala D. Shetty	-	BITS Pilani - Dubai Campus
159.	Sheetal Vijay Desai 2015PHXF900U	A study of the impact of cultural intelligence of employees on their organizational citizenship behaviors in a multicultural workplace: A Case of select MNCs in the United Arab Emirates	Dr. Srinivasa Rao	Dr. Shazi Shah Jabeen	BITS Pilani -Dubai Campus
160.	Saipriya Kamath 2013PHXF510H	Once Bitten Once Shy: Learning or Conservatism after Audit Failure?	Prof. Niranjan Swain	Prof. Sanjay Kallapur	Indian School of Business Hyderabad
161.	Challagulla Surya Prakash 2015PHXF407H	Dynamic behavior of primary structures, attached with flexibly connected secondary systems	Dr. Chandu Parimi	-	BITS, Pilani - Hyderabad Campus
162.	Ashok Kumar Suluguru 2015PHXF406H	Behavior of Shallow Foundation Resting on Soil Partially Replaced with Building Derived Materials under Static Loads	Dr. ArkamitraKar	Dr. Anasua Guharay	BITS, Pilani - Hyderabad Campus
163.	Syed Faizullah Faisal 2014PHXP900U	Application of Modular Multilevel Converters (MMC) for HVDC Transmission	Dr. A.B. Chattopadhyay	Dr. Abdul R. Beig	The Petroleum Institute, Abu Dhabi
164.	ChitraRamchandran Nair 2015PHXF403G	Blood Coagulation and Platelet Aggregation Inhibiting Toxins of Indian Spectacled Cobra (Najanaja) Venom	Prof. Dibakar Chakrabarty	Dr. Angshuman Sarkar Dr. Sukanta Mondal	BITS, Pilani - KK Birla Goa Campus
165.	Mane RavindraGangaram 2015PHXF027G	Struvite formation and its use as an alternative to chemical fertilizers for crop production	Prof. Srikanth Mutnuri		BITS, Pilani - KK Birla Goa Campus
166.	AtanuGuha 2014PHXF401G	Astrophysical and Collider Signatures of Dark Matter	Prof. Prasanta Kumar Das	-	BITS, Pilani - KK Birla Goa Campus
167.	Sreekrishnan V. 2014PHXF012G	Designing Meta-Clouds For Hybrid Cloud Brokerage	Prof. Santonu Sarkar	-	BITS, Pilani - KK Birla Goa Campus
168.	Anuj Kumar Ojha 2015PHXF010P	Performance Enhancement of Cylindrical Dielectric Resonator Antennas for Wireless Applications	Dr. Praveen Kumar A.V.		BITS, Pilani - Pilani Campus
169.	VasanthKeshav 2015PHXF004P	Dynamic Buckling Response of Laminated Composite Shell Structures	Dr. Shuvendu Narayan Patel	-	BITS, Pilani - Pilani Campus

170.	Vishal Kachwal 2014PHXF015P	Design and synthesis of solid state luminescent smart materials: Applications in pH probing, bio-imaging and bio-sensing	Dr. Inamur Rahaman Laskar		BITS, Pilani Pilani Campus	-
171.	Abid Hamid 2014PHXF406P	Understanding the components of Density Functional Reactivity Theory (DFRT) based stabilization energy and related applications	Prof. Ram Kinkar Roy	-	BITS, Pilani Pilani Campus	-
172.	Bijoya Das 2014PHXF407P	Spectroscopic and theoretical investigation of proton transfer and charge transfer processes in model molecular systems	Dr. Shamik Chakraborty	-	BITS Pilani - Pilani Campus	
173.	Ashish Patel 2015PHXF601P	Development of Adaptive and Intelligent Control Strategies for Unified Power Quality Conditioner with Distributed Generation (UPQC _{DC})	Dr. H.D. Mathur	Dr. Surekha Bhanot	BITS, Pilani Pilani Campus	-
174.	Amit Kumar 2014PHXF419P	Stochastic Modeling of Repairable Machining System with Spare Provisioning	Dr. Chandra Shekhar	-	BITS, Pilani Pilani Campus	-
175.	Roshan Chandra 2015PHXF003P	Attrition of Bed Particles in a Re-Circulating Fluidized Bed Reactor	Dr. Raman Sharma	Dr. Arvind Kumar Sharma	BITS, Pilani Pilani Campus	-
176.	Dhananjay Kumar 2015PHXF009P	Design and development of intelligent control algorithms for frequency regulation in microgrid	Dr. Hitesh DattMathur	Dr. Surekha Bhanot	BITS, Pilani Pilani Campus	-
177.	Ritika Sharma 2014PHXF430P	Steady State and Pico-second Time-resolved Study of Fluorescence Sensing for Ions	Dr. D.D. Pant	-	BITS Pilani - Pilani Campus	
178.	Pradeepkumar R. Yadav 2014PHXF423P	Theoretical studies of compact astrophysical objects	Dr. BiswanathLayek	-	BITS, Pilani - Pilani Campus	
179.	Rohit S. Gunerkar 2015PHXF013P	Fault diagnosis of rolling element bearing with multiple localized defect using mathematical modeling and experimental analysis	Dr. Arun Kumar Jalan	Dr. SachinBelgamwar	BITS, Pilani - Pilani Campus	
180.	VikramPareek 2015PHXF001P	Mechanistic aspects of metal nanoparticles towards their antimicrobial activity	Dr. JitendraPanwar	-	BITS, Pilani - Pilani Campus	
181.	ShreekanthVarshney 2014PHXF417P	Performance Analysis of Finite Queueing Systems	Dr. Chandra Shekhar	-	BITS, Pilani - Pilani Campus	
182.	Kocherlakota Satya Pritam 2015PHXF011P	Generalized Fraction Calculus Operators and Their Applications	Dr. TrilokMathur	Dr. Shivi Agarwal	BITS, Pilani - Pilani Campus	
183.	PrachetaSengupta 2015PHXF411P	Anti-Obesity Composition from Selected Indian Medicinal Plants	Dr. Paul AtishTulshiram	-	BITS, Pilani - Pilani Campus	
184.	Nisha Sharma 2015PHXF412P	To study the role of hyperglycemia in the progression of acute kidney injury	Dr. Gaikwad Anil Bhanudas	-	BITS, Pilani - Pilani Campus	
185.	Kowthavarapu V. Krishna 2015PHXF413P	Development and Evaluation of Nanoparticulate Drug Delivery System for the Treatment of Alzheimer's Disease (AD)	Dr. Sunil Kumar Dubey	Prof. Ranendra N. Saha	BITS, Pilani - Pilani Campus	

186.	ItaliyaKishanShamjibhai 2015PHXF414P	Nano-formulation of Hydrophobic Conjugate of Lysofylline (LSF) for Effective Treatment of Diabetes	Dr. Anupama Mittal	-	BITS, Pilani - Pilani Campus
187.	Ginson George 2015PHXF416P	Isolation, Characterization and Evaluation of Pancreatic Lipase Inhibitors from Selected Indian Medicinal Plants	Dr. Paul AtishTulshiram	-	BITS, Pilani - Pilani Campus
188.	Saurabh Sharma 2015PHXF415P	Nano-carriers for co-delivery of small molecule and microRNA for treatment of cancer	Dr. Deepak Chitkara	-	BITS, Pilani - Pilani Campus
189.	JahagirdarAnkushChandrakant 2016PHXF202P	Machine Condition Monitoring using Vibration and Acoustic Signal Processing Techniques	Dr. K.K. Gupta	-	BITS, Pilani - Pilani Campus
190.	Harshavardhan S. 2016PHXF203P	Computational model predictions of vowel level, age and hearing loss on concurrent vowel identification	Dr. Anantha Krishna Chintanpalli	-	BITS, Pilani - Pilani Campus
191.	Karri Babu Ravi Teja 2016PHXF201P	Study on Material Issues and Electronic Behavior of Organic Thin Film Transistor (O-TFT)	Dr. Navneet Gupta	-	BITS, Pilani - Pilani Campus
192.	Rajesh Kumar Srivastava 2015PHXF005H	Code Tamper-Proofing Using Return Oriented Programming on IoT Devices	Prof. ChittranjanHota	-	BITS, Pilani - Hyderabad Campus
193.	Sanket Mishra 2015PHXF040H	Cognitive IoT Resilient Framework for Smart Buildings	Prof. ChittranjanHota	-	BITS, Pilani - Hyderabad Campus
194.	Sanjeev Kumar Singh 2015PHXF601H	Efficient Data Structures and Algorithms for Range Aggregate Problems	Dr. Tathagata Ray	-	BITS, Pilani - Hyderabad Campus
195.	KonkaRaviteja 2014PHXF007H	An Investigation in Gravitational Entropy	Dr. SashideepGutti	-	BITS, Pilani - Hyderabad Campus
196.	KrishnaprakakshNunna 2015PHXF015H	Gravitational waves from oscillations and instabilities in Neutron stars	Dr. SarmisthaBanik	-	BITS, Pilani - Hyderabad Campus
197.	Chithajalu Kiran Sagar 2015PHXF010H	Experimental Study and Finite Element Analysis of Machining Behaviour of Tungsten Heavy Alloys	Dr. Amrita Priyadarshini	Prof. Amit Kumar Gupta	BITS, Pilani - Hyderabad Campus
198.	Mohd. Abdul Wahed 2015PHXF411H	Experimental and Numerical Studies of Spring-Back in Ti-6Al-4V alloy at Elevated Temperatures	Prof. Amit Kumar Gupta	Dr. Nitin Ramesh Kotkunde	BITS, Pilani - Hyderabad Campus
199.	Ramsankar V. 2015PHXF600H	Proper Orthogonal Decomposition and Dynamic Mode Decomposition analysis on Low Reynolds number flow past cylinders	Dr. Supradeepan K.	Dr. Satish K. Dubey	BITS, Pilani - Hyderabad Campus
200.	Mounika Venkateswararao Manne 2015PHXF405H	Satellite derived attributes of Plant Functional Types for estimating Net Primary Productivity (NPP) through process models	Dr. Rajitha K.	-	BITS, Pilani - Hyderabad Campus
201.	S.N. Manasa Dhakshayani 2015PHXF402H	Development and Characterization of Biological Based Nanofibers and Nanogels for Encapsulation Applications	Dr. KarthikChethan V.	Dr. V Vamsi Krishna Venuganti	BITS, Pilani - Hyderabad Campus

202.	Sedmaki Kavitha 2016PHXF029H	Functional and therapeutic role of HDAC6 and Inflammasome Inhibitors in acute and chronic renal injury	Dr. Onkar Prakash Kulkarni	-	BITS, Pilani Hyderabad Campus	-
203.	V. Nageswara Rao 2015PHXF516H	Targeted delivery of chemotherapeutic agents using human serum albumin for the treatment of Cancer	Dr. Dr. Swati Biswas	Dr. MayurSankalia	BITS, Pilani Hyderabad Campus	-
204.	Jaspreet Kaur Kalra 2016PHXF027H	Role of double stranded RNA dependent protein kinase (PKR) in hypertension: mechanism and prevention	Dr. ArtiDhar	-	BITS, Pilani Hyderabad Campus	-
205.	Karnam Kalyani 2016PHXF028H	Effect of hyperglycemia on interleukins expression in tissue injury and regeneration	Dr. Onkar Prakash Kulkarni	-	BITS, Pilani Hyderabad Campus	-
206.	Ekta Prasanthi Bommireddy 2015PHXF415H	Design and Evaluation of Drug Delivery Systems(s) for Increasing Oral Bioavailability of Candidate Anticancer Drug	Dr. Shrikant Y. Charde	Dr. Punna Rao Ravi	BITS, Pilani Hyderabad Campus	-
207.	Dalvi Avantika Vijay 2014PH46054H	Design Optimisation and evaluation of a nanoparticulate system for delivery of intiepileptic drugs to CNS	Dr. Punna Rao Ravi	-	BITS, Pilani Hyderabad Campus	-
208.	Chandra Teja Uppuluri 2016PHXF032H	Development and Evaluation of Nanoparticulate Systems for Nose-to-Brain Delivery of an Anti-Parkinson's Drug	Dr. Punna Rao Ravi	-	BITS, Pilani Hyderabad Campus	-
209.	Devesh Samaiya 2016PHXF204P	Development of algorithms for video analysis in compressed domain	Dr. Karunesh Kumar Gupta	-	BITS, Pilani Pilani Campus	-
210.	Moyna Das 2014PHXF408P	Crystal Engineering of Imine and Amide Based Coordination Polymers and Analysis of their Photophysical, Anion Exchange and Guest Exchange Properties	Dr. Madhushree Sarkar	-	BITS, Pilani Pilani Campus	-
211.	Sandeep Kumar 2014PHXF403P	Selection, characterization and evaluation of aptamer based biosensor for heavy metal detection	Prof. S.K. Verma	Dr. Anupam Singhal Dr. Rajdeep Chowdhury	BITS, Pilani Pilani Campus	-
212.	Poonam Singh 2014PHXF402P	Selection, characterization and application of nucleic acid aptamers for detection of pesticides	Prof. S.K. Verma	Prof. Sunil Bhand	BITS, Pilani Pilani Campus	-
213.	Leena Fageria 2014PHXF425P	Improving the anti-cancerous efficacy of nanoparticles by modulations of physico-chemical parameters and understanding of intracellular effects	Dr. Rajdeep Chowdhury	Dr. Surojit Pande	BITS, Pilani Pilani Campus	-
214.	Zaiba Hasan Khan 2014PHXF426P	Cloning and characterization of protein phosphatase 2A (PP2A) promoter from Arabidopsis thaliana	Prof. Rajesh Mehrotra	-	BITS, Pilani Pilani Campus	-
215.	Makhan Kumar 2015PHXF011G	Detailed study on the effects of Quinacrine (QC) on regulation of small GTPases and apoptosis	Dr. Angshuman Sarkar	-	BITS, Pilani - KK Birla Goa Campus	-

		inhuman non-small cell lung cancer cell lines cultured invitro			
216.	Bibhudutta Mishra 2015PHXF013G	Understanding RNA, RNA-Protein and Protein-Ligand Interactions Using Computational Tools	Dr. RaviprasadAduri	Dr. Alpesh M. Dhorajia	BITS, Pilani - KK Birla Goa Campus
217.	Anumeha Vats 2015PHXF004G	Enzyme Recovery for Improving Biogas Production	Dr. SrikantaMutnuri		BITS, Pilani - KK Birla Goa Campus
218.	LaxminarayanRawat 2015PHXF010G	To study the drug delivery system and anti-neoplastic activity of various compounds invitro	Dr. VijayashreeNaya k	-	BITS, Pilani - KK Birla Goa Campus
219.	MayurJartarkar 2015PHXF016G	Modeling cognitive functions of consumer behaviour using computational biology, brainwave measurement technology and machine learning	Dr. Veeky Bats	Prof. Bharat Deshpande	BITS, Pilani - KK Birla Goa Campus
220.	Rehan Ahmed Deshmukh 2015PHXF012G	Development of Molecular and Biosensor-based Methods for Detection of Bacterial Contamination in Water	Dr. Utpal Roy	Prof. Sunil Bhand	BITS, Pilani - KK Birla Goa Campus
221.	Joseph Roque DollrichFernandes 2015PHXF014G	Management of Polycystic ovarian syndrome (PCOS) by regulating the hypothalamic-hypophyseal-gonadal axis (HPG axis) and the adipokine profile	Dr. Arnab Banerjee		BITS, Pilani - KK Birla Goa Campus
222.	Nikhil Rajendra Kadam 2015PHXF410G	Investigation of Multi-layer Ceramic Coatings for High Temperature Contact Surfaces	Dr. G. Karthikeyan	Prof. D.M. Kulkarni	BITS, Pilani - KK Birla Goa Campus
223.	Mahesh Dasar 2015PHXF015G	Study and Analysis of Fluid Dynamic and Heat Transfer Characteristics in Circulating Fluidized Bed Heat Exchanger with Novel Designs of Distributor Plates and Finned Cyclone Separators	Dr. Ranjit S. Patil		BITS, Pilani - KK Birla Goa Campus
224.	Reena Fernandes 2015PHXF008G	Design of Low Power, High Precision and High Speed Data Converters	Dr. Dipankar Pal	-	BITS, Pilani - KK Birla Goa Campus
225.	Balakrishnan Natarajan 2015PHXF019G	Aircraft Data Acquisition and Optimization of Flight and Maintenance Planning	Dr. Nitin Sharma	Dr. K.R. Anupama	BITS, Pilani - KK Birla Goa Campus
226.	Lt. Cdr. ChhaviRathi 2015PHXP001G	Sea Ports & Economic Development: The Case Study of Sagarmala& India's Maritime Infrastructure Movement	Dr. R.P. Pradhan	-	BITS, Pilani - KK Birla Goa Campus
227.	Ashish Kumar Nandi 2015PHXF017G	Study of matrix splittings and its application in solving singular linear systems	Dr. JagatiKesharS ahoo	-	BITS, Pilani - KK Birla Goa Campus
228.	Ravi Shankar 2015PHXF021G	Credit Risk Management: Pricing Collateral Debit Obligations	Dr. JagatiKesharS ahoo	-	BITS, Pilani - KK Birla Goa Campus
229.	Riyanka Swain 2015PHXF007G	Assessment of Corporate Governance Practices in Select Banks and Non-Banking Financial Institutions in India	Dr. Debasis Patnaik		BITS, Pilani - KK Birla Goa Campus
230.	Sindhuja Sen 2015PHXF006G	An Investigations of the Reaction Pathways and Nuclear Dynamics Involving Conical Intersections	Prof. Anjan Chattopadhyay	Dr. TanmoyMondal	BITS, Pilani - KK Birla Goa Campus

231.	Seema Sinha 2015PHXF101P	Celebrating the Marginals in Indic Myths: An Alternative Reading of the 'Mother' and the 'Other'	Dr. Kumar Sankar Bhattacharya	-	BITS, Pilani Pilani Campus	-
232.	Unnikrishnan P.M. 2015PHXF103P	Assessing Business Excellence in Indian SME Sector	Dr. Jyoti	Dr. Arun Kumar	BITS, Pilani Pilani Campus	-
233.	Sundar K. 2015PHXP007U	Experimental Investigations on Performance & Emission characteristics of a variable compression ratio (VCR) engine operated on Dual fuel mode using Diesel and Biodiesel (obtained from Cotton Seed Oil and Rice Bran Oil) with additives	Dr. R. Udayakumar	-	BITS, Pilani Dubai Campus	-
234.	Subin M.C. 2015PHXF006U	Design and development of Sustainable Commercial Greenhouse	Dr. C. Periasamy	-	BITS, Pilani Dubai Campus	-

7. Sponsored Research and Consultancy

BITS PILANI, PILANI CAMPUS

Projects sanctioned during 2017-18

S.No	Project Title	Principal Investigator /Co-PI	Sponsoring Agency	Amount Rs. (lakh)
1	Nanotechnology based pharmaceutical, nutraceuticals and cosmetics-development of platform technology	Dr. Deepak Chitkara	Incisive Elements USA	21.38
2	Synthesis and tubulin inhibition activity studies of novel indolyl heterocycles	Dr. Dalip Kumar	CSIR	22.36
3	Synthetic Probes for Staudinger Ligation: Synthesis and Application of Phosphane Based templates	Dr. Kiran Bajaj	DST-WoS	29.70
4	Electro-optical response of Nematic Liquid Crystals doped with nanorods	Dr. Manjula Devi-PI Dr. R. K. Gupta- Co-PI	DST	39.20
5	Mathematics aided Architectural Design layouts	Dr. Krishnendra Shekhawat	DST	15.45
6	Studying Catalytic carbonylation of polyols-Sustainable Route to Carboxylic Acids from Renewable Platforms	Dr. Bibhas Ranjan Sarkar	DST-SERB	32.29
7	Synthesis of D-glucose derived glycoconjugates and their application in molecular recognition and catalysis	Dr. Ajay Kumar Sah	SERB	30.10
8	To study the role of hyperglycemia on the progression of acute kidney injury	Dr. Gaikwad Anil Bhanudas	SERB	47.18
9	Development of a standardized formulation of Trigonella foenum-graecum seeds for preventing or delaying the development of Type-2 diabetes in subjects with Pre-diabetes	Dr. Sunil Kumar Dubey	ICMR	16.73
10	Transition-metal-catalysed synthesis of fused heterocycles via C-C/C-N bond forming strategies	Dr. Rajeev Sakhuja	DST	33.28
11	Development of bioinoculant based formulation for enhanced phytoremediation of poly chlorinated biphenyl (PCB) contaminated soil	Dr. Monika Sandhu	DST-WoS	20.80
12	Production and use of indigenous local strains of microbial pesticides through trainings, demonstrations and installation of cost effective production units for the farmers of Rajasthan	Dr. Jola Dubey	DST-WoS	26.33
13	Design and development of a power assistive hybrid e-trike (PAH e-Trike) for differently abled person in rural and urban regions of India	Dr. Sachin Belgamwar	DST-SEED	30.64
14	Peptide-decorated pH-sensitive nano-conjugate hybrid micelles for co-delivery of temozolamide and an autophagy inducer, rapamycin, for treatment of glioblastoma multiforme	Dr. Deepak Chitkara - PI Dr. Gaikwad Anil Bhanudas-CO-PI	DBT	38.33
15	IoT based energy management system of a Microgrid with V2G (Vehicle to Grid) feature	Dr. H. D. Mathur	DST-SEED	50.00
16	Realization of Flexible and Scalable VANET with multi-tenancy support using Software defined Networking and Network Virtualization	Dr. Ashutosh Bhatia	DST-SEED	40.00

S.No	Project Title	Principal Investigator /Co-PI	Sponsoring Agency	Amount Rs. (lakh)
17	Design and implementation of coordinated multi-robot system for area coverage under constrained wireless communication	Dr. Virendra Shekhawat	DST-SEED	40.00
18	Design and Implementation of content based Recommender System for answering web based user queries	Dr. Yashvardhan Sharma	DST-SEED	40.00
19	Structural Health Assessment and Rehabilitation Framework based on cyber physical system	Dr. Kota Soloman Raju CEERI Pilani- PI Dr. S B Singh-CO-PI	DST-SEED	70.00
20	Drivers of Sustainability Practices in SMEs: An Exploratory Study of Small Manufacturing Firms in Rajasthan	Dr. Neetu Yadav	ICSSR	3.00
21	Measuring the Impact of Socially Responsible Supply Chains and Development of Framework for Implementing Socially Responsible Supply Chains	Dr. Satyendra Sharma-PI Dr. Saurabh Chaddha-CO-PI	ICSSR	5.50
22	DST-FIST	Physics Dept	DST	115.00
23	Activity targeted nano-formulations for co-delivery of a taxane and antioxidant molecule, alpha acid, for treating breast cancer	Dr. Deepak Chitkara	DST-Rajasthan	11.14
24	Development of e-waste management strategies for selected e-products in Rajasthan	Dr. M S Dasgupta -PI Dr. Srikanta Routroy-CO-PI	DST-Rajasthan	7.35
25	A Benchmarking analysis public transport sector of Rajasthan	Dr. Shivi Agarwal - PI Dr. Trilok Mathur - Co-PI	DST-Rajasthan	7.35
26	cRGD decorated lipo-polymeric nanoplexes of CRISPR/Cas9 ribonucleoprotein (RNP) for the management of retinal dystrophic conditions.	Dr. Deepak Chitkara	DBT	35.00
27	Develop of novel anti-leishmanial analogues loaded with novel nano-formulations	Dr. S Murugesan - PI Dr. KVG Chandrashekhar - CO-PI	DBT-Indo Spain	50.00
28	Re- Value	Dr. Sauvik Bhattacharya- PI Dr. M.S.Dasgupta - Co-PI Dr. Srikanta Routroy - Co-PI	EU –DST (Indigo)	120.00
29	Development and evaluation of lipid based nanoparticles of Quinapyramine and Isometamidium salt for treatment of trypanosomiasis in camels	Dr. Anil Jindal - PI	DBT	35.00
30	Widening & Strengthening of existing Bikaner-Phalodi section to Four Lane from Km4+200 to Km 55+250 and two lane with PS from Km 55+250 to Km 163 +500 of NH-15 on BOT basis in the state of Rajasthan	Dr. A.K. Sarkar -PI Dr. A.P.Singh - Co-PI	NHAI	53.50

Ongoing Projects

S.No	Project Title	Principal Investigator	Agency	Amount Rs. (lakh)
1	Synthesis of novel N-fused polycyclic compounds through transition metal catalyzed cascade/C–H functionalization reactions	Dr Anil Kumar	DST	32.46
2	Industry sponsored project	Dr Anil Kumar and Dr. Dalip Kumar	Ranbaxy	30.00
3	Design and Synthesis of Heavy metal based aggregation induced emission active complexes and their application in Bio-imaging	Dr. Inamur Rahaman laskar	DST	34.9
4	Screening Decoration of Co-catalyst on the Ultrathin 2D Sheets of Metal Chalcogenides and their application in Photo electrochemical Water Splitting	Dr. Mrinmoyee Basu	DST-INSPIRE	35.00
5	Decoration of Plasmic nanoparticles on Ultrathin 2D Nanostructure of Metal Chalcogenides and their application in photoelectrochemical water splitting and photocatalysis	Dr. Mrinmoyee Basu	DST-FT	19.82
6	Investigation of Unfolding and refolding of proteins by Gemini surfactants with varying spacer groups using fluorescence spectroscopy and small angle neutron	Dr. Subit Kumar Saha	UGC-DAE	3.45

S.No	Project Title	Principal Investigator	Agency	Amount Rs. (lakh)
	scattering technique			
7	Effect of Chemical nature of spacer group, headgroups and counterions of gemini surfactants on solvation dynamics and rotational relaxation of coumatins in aqueous micelles	Dr. Subit Kumar Saha	CSIR	9.28
8	"Probing the Nature of Intermolecular X-H...Se (X = O and N) Hydrogen Bonding Interactions using Matrix Isolation Infrared Spectroscopy"	Dr. Shamik Chakraborty	DST	73.55
9	Asymmetric synthesis of [2.2.2] azabicyclo-isoquinuclidine derivatives: Towards the synthesis of related alkaloids	Dr. Indresh Kumar	DST	43.3
10	Modeling of Employee performance and human capital Assessment and optimization of productivity of Indian Manufacturing Industry	Dr. Udayan Chanda	ICSSR	5.00
11	Development and validation of Service Quality Index in Indian Telecom & Banking sector	Dr. Arun Kumar	ICSSR	4.00
12	Financial Inclusion	Dr. Arun Kumar Vaish	HCL	180.00
13	Developing and Validating Relationship Management Index for Indian Airline Industry	Dr. Jyoti -PI Dr. Arun Kumar- Co-PI	ICSSR	1.5
14	Role of histone ubiquitination & angiotensin converting enzyme-2 in the development renal fibrosis under type 1 diabetic condition	Dr. Gaikwad Anil Bhanudas	CSIR	19.36
15	Nano-formulation of Lysofylline-fatty acid conjugate for effective treatment of diabetes	Dr. Anupama Mittal	DST	26.9
16	Cyclic RGD modified lipopolymeric micelles for targeted delivery of tamoxifen in ER+Breast cancer	Dr. Anupama Mittal	DST Rajasthan	12.54
17	Combination delivery of small molecules and microRNA for treatment of locally advanced and metastatic breast cancer	Dr. Deepak Chitkara	DST	27.2
18	Exploring the Antiobesity potential of selected ayurvedic medicinal plants using pancreatic lipase inhibition assay and synergy guided fractionation	Dr. Paul Atish Tulshiram	DST	27.3
19	Development of Novel Processes for Increasing the Content of Sennoside-B from Senna	Dr. Sunil Kumar Dubey	Shashi Phytochemicals	18.00
20	Development of nutraceutical nanoemulsion based health drink of food bioactives	Dr. Anil Jindal	Ananta Medicare Limited	5.10
21	Exploring the synergism of PPAR- γ agonist and HDAC inhibitor for reversal of Alzheimers type of dementia and developing their brain targeted nano-carrier system for effective treatment	Dr. Rajeev Taliyan- PI Dr. Deepak Chitkara - Co-PI	DST- Nanomission	32.14
22	Evaluation of Antitumor efficacy and pharmacokinetics of polymeric nanoparticle formulation targeted to cancer stem cells	Dr. Aniruddha Roy	DST	32.20
23	Effect of partial replacement of cement with marble slurry on concrete	Dr. Anshuman	DST	28.38
24	Dynamic buckling analysis of composite structures	Dr. S N Patel	CSIR	9.33
25	Conjunctive use of Rainwater and Ground water to provide safe drinking water with intervention of advanced technology	Dr. Rajiv Gupta	DST	126.43
26	Costs and remediation of Groundwater contamination in India	Dr. Rajiv Gupta	University of Virginia	100.00
27	Padagogy Project	Dr. A. K. Sarkar	IIT Kanpur	49.00
28	Joint Indo-German Experience Lab	Dr. K. S. Sangwan	DAAD	341.00
29	Design of Health care supply chain for enhancing availability and reducing wastage of generic medicines for rural areas in Rajasthan	Dr. Srikanta Routroy	DST Rajasthan	5.88
30	Modeling Immune Response to Salmonella during Typhoid	Dr. Amol Marathe	DST	34.06
31	Flow through a membrane modeled of Porous cylindrical particles using particle-in-cell approach	Dr. Ashish Tiwari	DST (Indo-Russia)	12.86
32	Mathematical modeling and analysis of the dynamics of diabetes mellitus in indian population and control measures	Dr. Padma Murali	CSIR	8.78

S.No	Project Title	Principal Investigator	Agency	Amount Rs. (lakh)
33	Study of Observational Constraints on dark energy models of universe using COSMOMC in HPC systems	Dr. Suresh Kumar	DST-EMR	26.29
34	Soft Computing framework based Integrated Multi Sensor Array for Water Quality Assessment: Targeting fluoride as major parameter	Dr. K. K. Gupta - PI Dr. R. K. Gupta- Co-PI	DST	38.7
35	Study on Electronic Transport Behaviour of Carbon nanotube based field effect transistors (CNTFETs)	Dr. Naveneet Gupta-PI Dr. Niladri Sarkar -CO-PI	DRDO	20.49
36	Development of Tio2 nanotube based highly selective capacitive type sensor device for the detection of methanol poisoning in alcoholic beverage	Dr. Arnab Hazra	DST	27.76
37	Removal of Heavy metals from industrial wastewater using metallic nanoparticales as absorbents	Dr. Banasri Roy	DST	19.00
38	Mutant-p53 gain-of-function: its role in regulating long non-coding RNA (lncRNA) Expression and associated chemo-resistance in human cancer cells	Dr. Rajdeep Chowdhury	DBT	25.00
39	Investigating the Role of Aryl Hydrocarbon Receptors in medicating the Anti-Cancer Properties associated to camel milk	Dr Uma Dubey	DST-Rajasthan	7.43
40	Introducing Cyno Bacterial bicarbonate transporters in C3 plants in enhanced photosynthetic performance	Dr. Sandhya Mehrotra-PI Dr. Rajesh Mehrotra-Co-PI	DST	37.72
41	Removal of toxic metal ions from industrial discharges using microalgae	Dr. Prakash	DST	38.9
42	Development of Surface Plasmon Resonance Instrument with a novel optical design	Dr. R.K.Gupta Dr. Manjula Devi	DST	56.15
43	EXAFS Investigations on ion conducting polymer nanocomposites for conductivity structure correlation	Dr. Anshuman Dalvi	UGC-DAE	2.3
44	Investigations on Li+ ion conducting glass-ceramic containing NASICON structured nano crystallites	Dr. Anshuman Dalvi	DST	37.65
45	Studies on Quarkonium suppression in Asymmetric Nuclear Collision at LHC	Dr. Madhukar Mishra	DST	15.85
46	"Investigating Dynamical and Topological Properties of Floquet Systems: A Comparative study of perturbative Schemes	Dr. Jayendra Bandyopadhyay-PI Dr. Tapomoy Guha Sarkar -CO-PI	DST	16.22
47	"Generation and Characterization of Attosecond Pulses with Specific Polarization and its Applications"	Dr. Amol Holkundkar - PI Dr. Jayendra Bandyopadhyay -CO-PI	DST	16.54
48	"Theoretical Study of Electron impact double ionization of atoms and molecules"	Dr. Rakesh Choubisa	DST	20.44
49	An Economic Appraisal of Renewables Versus Non-Renewables: A Case of Rajasthan	Dr. Krishna M	ICSSR	2.00
50	Participatory Exclusion of women and the poor in community Forestry: A Comparative Study of Implementation of the ROFR Act across 3 states of India	Dr. Sailaja Nandigama - PI Dr. Sanjeev Kr. Choudhary - Co-PI Dr. Kumar Sankar Bhattacharya-Co-PI	ICSSR	7.00
51	Preparation of State of Art Report (SOAR) on fog vision system of India	Dr. Rajiv Gupta	Ministry of Road Transport & Highway	4
52	FIST Mechanical Engg Department	Department	DST	81.5
53	FIST Mathematics Department	Department	DST	50
54	FIST EEE Department	Department	DST	72.5
55	FIST Biological Sciences Department	Department	DST	27.5
56	FIST Chemistry Department	Department	DST	82.5

S.No	Project Title	Principal Investigator	Agency	Amount Rs. (lakh)
57	Development of p-TiO ₂ nanoparticle decorated n-TiO ₂ nanotube array based p-n homojunction sensor device for the efficient detection of methanol contamination in alcoholic beverages.	Dr. Arnab Hazre	BITS-ACRG	9
58	design and synthesis of a novel biomass stove for cooking applications	Dr. Pratik N Sheth	BITS-ACRG	9
59	development of low carbon ternary cement for durable and sustainable concrete	Dr. Baharudeen A	BITS-ACRG	9.25
60	multimodal biometric based person identification system	Dr. Pawan Ajmera	BITS-ACRG	9
61	Wireless network virtualization: IEEE 802.11 test-bed implementation and wireless NIC virtualization	Dr. Vishal Gupta	BITS-ACRG	8.5
62	Design and synthesis of multi-functional smart low molecular weight gelator	Dr. Rajeev Sakhuja	BITS-ACRG	4.5
63	sustainable catalytic route to C ₄ -C ₆ carboxylic acids/hydroxyacids by carbonylation of polyols	Dr. Bibhas Ranjan Sarker	BITS-ACRG	5.5
64	An investigation of energy consumption of machine tools	Dr. Girish Kant	BITS-ACRG	9.65
65	Design of Non asynchronous SRAM cell for hybrid cache architecture using CMOS-FDSOR/FinFET technology	Dr. Nitin Chaturvedi	BITS-ACRG	5.25
66	Investigation of ductile characteristics of high strength concrete beams reinforced with high strength steel and basalt fibre under elevated temperature conditions	Dr. G. Muthukumar	BITS-ACRG	9.75
67	Particle Image Velocimetry studies on a bench scale cold flow fluidized catalytic cracking (FCC) riser unit	Dr. Priya C. Sande	BITS-ACRG	10
68	Dual Catalytic monolith reactor for biogas reforming	Dr. Srinivas Appari	BITS-ACRG	8.25
69	Interseismic coupling and asperity distribution in Northwest Himalaya	Dr. Sumanta Pasari	BITS-ACRG	8.95

Projects completed

S.No.	Project Title	Principal Investigator	Agency	Amount Rs. (lakh)
1	Study of native chemical ligation at tryptophan and aspergine sites and its application in peptide synthesis	Dr. Kiran Bajaj	DST	31.3
2	Competition between charge transfer and proton transfer processes in some newly designed schiff bases: spectroscopic and theoretical investigations in condensed phase	Dr. Shamik Chakrabarty	DST	24.98
3	Multi-agent based indoor exploration with miniature robots	Dr. Sudeep Mohan	CAIR (DRDO)	20.00
4	Esculetin a Therapeutic Intervention Targeted at Cardio-Renal Syndrome in Type-2 Diabetes	Dr. Gaikwad Anil Bhanudas	DST	39.66
5	Development of Botanical based Novel formulation with Mosquito Larvicidal action for indian population	Dr. Paul Atish Tulshiram -PI Dr. Sanjeev Kumar - Co-PI	DST	12.19
6	Study of Structural Response and Strengths of Thin-Walled FRP Composite Girders	Dr. S.B. Singh	CSIR	14.32
7	Development of Copper Bio-Leaching Methodology/Technique from Low Grade Ore at Hindustan Copper Limited,	Dr. Anupam Singhal -PI Dr. S K Verma-CO-PI	Ministry of mines	30.38
8	Experimental Investigation on CO ₂ based refrigeration system in Trans-critical cycle	Dr. M.S.Dasgupta	DST	27.5
9	Studies in Laboratory Scale oxygen fired fluidized bed based on co-firing rice husk with coal	Dr. Ravi Inder Singh	DST	31.13
10	Modeling of cardio vascular flows and influence of magnetic field on circulation	Dr. Ashish Tiwari	DST	11.63
11	Design and Development of an Efficient Soft-switching converter with adaptive maximum power point tracking (MPPT) controller for a standalone photovoltaic power generation system	Dr. Rajneesh Kumar	MNRE	29.39
12	RNAi screening to study the role of Aedes ATP-binding cassette (ABC) transporters against blood-	Dr. Sanjeev Kumar	DBT	45.78

S.No.	Project Title	Principal Investigator	Agency	Amount Rs. (lakh)
	borne pathogens			
13	Studying the impact of anopheles Gut Microbial environment on immunithy and plasmodium development	Dr. Lalita Gupta	ICMR	9.8
14	Characterization of major components of [Fe-S] cluster assembly pathway in plasmodium vivax	Dr. Shilpi Garg	DST	25.56
15	Preparation and characterization of thin films of electrochromic conducting polymer and fabrication of prototype smart pixel displays	Dr. S. Sindhu	CSIR	14.1
16	Time-resolved Spectroscopy of Fluorescent Molecules in Micellar Systems	Dr. D.D. Pant	DST	53
17	Modeling of cardio vascular flows and influence of magnetic field on circulation	Dr Ashish Tiwari	DST	11.63
18	Development and application of density functional reactivity theory based modeling techniques to understand the energetics of reactive and non-reactive interactions	Dr. Ram Kinkar Roy	DST	31.55
19	Time-resolved Spectroscopy of Fluorescent Molecules in Micellar Systems	Dr Navin Singh	DST	18.65
20	FIST CSIS Department	DST-FIST	DST	26.5
21	FIST Pharmacy Department	DST-FIST	DST	67.5
22	FIST Civil Engg Department	DST-FIST	DST	40
23	FIST Chemical Engg Department	DST-FIST	DST	40.25
24	Graphitic Carbon nitride (g-C3N4) based semiconductor heterostructures for photocatalysis and electrocatalysis	Dr Surojit Pande	BITS-ACRG	6.95
25	Organocatalytic approach towards bioactive important six membered nitrogen heterocycles	Dr Indresh Kumar	BITS-ACRG	8.2
26	Development of Nano-Carriers for Improved Drug Delivery	Dr Deepak Chitkara	BITS-ACRG	9.9
27	Development of automated non-destructive test system for condition evaluation of pavements	Dr Amit Goyal	BITS-ACRG	9.45
28	Investigations into issues in deploying software defined networks on traditional network Infrastructure	Dr. K. Haribabu	BITS-ACRG	8.2
29	Design and Development of an effective power conditioning unit for photovoltaic Applications	Dr. Pradyumn Chaturvedi	BITS-ACRG	9.7
30	Zinc Recovery from Industrial Waste using Bioleaching	Dr. Suresh Gupta-PI Dr. S K Verma-CO-PI Dr. Anupam Singhal-CO-PI Dr. S. Ramachandran-CO-PI	BITS WWE-CORE	34.75
31	Roof top Rainwater harvesting for safe, potable and healthy drinking water and ground water replenishment for BITS Pilani, Pilani campus	Dr. Rajiv Gupta-PI Dr. Sunil Bhand-CO-PI Dr. R. K Gupta-Co-PI Dr. Hemant Jadhav -CO-PI Dr. Anshuman Dalvi -Co-PI Dr. Yashvardhan Sharma-CO-PI Dr. Arvind Sudarsan-Co-PI Dr. K K Gupta-Co-PI Dr. Utpal Roy-Co-PI Dr. Neeru Sood-CO-PI	BITS WWE-CORE	73.05

Grants under DST- FIST: Ongoing

S. No.	Department	Period (Years)	Amount Rs. (lakh)
1.	Chemical Engineering	5	38.85
2.	Civil Engineering	5	32.00
3.	Pharmacy	5	62.50
4.	Computer Science	5	24.00
5.	Mathematics	5	37.50
6.	EEE & I	5	67.37
7.	Mechanical Engineering	5	68.00
8.	Biological Science	5	25.25
9.	Chemistry Level II	5	76.00
	(50% DST share only)	Total	431.47

Grants under DST- FIST: Completed

S. No.	Department	Period (Years)	Amount Rs. (lakh)
1	Physics	5	24.02
2	Chemistry Level I	5	35.50
	(50% DST share only)	Total	59.52

Industry and Consultancy Projects at Pilani Campus

S.No	Project Title	PI	Sponsoring Industry	Amount Rs. (lakh)
1	Nanotechnology based pharmaceutical, nutraceuticals and cosmetics-development of platform technology	Dr. Deepak Chitkara	Incisive Elements USA	21.38
2	Liuprolide Study	Dr. Sunil K Dubey	Axis Clinpharma	2.07
3	In Vivo-In Vitro study design: cardio-reno protective effect of herbal extract (Red spinach extract) in hypertensive rats: Role of NO/cGMP Pathway	Dr. Rajeev Taliyan and Dr. Sunil Kumar Dubey	Etica Clinpharma	8.00
4	quality by design (qbd) based suspension product development and process optimization	Dr. Sunil Kumar Dubey and Dr. Gautam Singhvi	SLYBACK Pharma	6.5
5	Industry Project	Dr Anil Kumar and Dr. Dalip kumar	Ranbaxy	30.00
6	Development of nutraceutical nanoemulsion based health drink of food bioactives	Dr Anil Jindal	Ananta Medicare Limited	5.10
7	Financial Inclusions	Dr. Arun Kumar Vaish	HCL	180.00
8	Development of Novel Processes for Increasing the Content of Sennoside-B from Senna	Dr. Sunil Kumar Dubey & Dr. R.N. Saha	Shashi Phytochemical Industries	18.00
9	Costs and remediation of Groundwater contamination in India	Dr. Rajeev Gupta	University of Virginia	100.00
10	Preliminary Investigation, characterization and stability analysis of micelles formulation	Dr. Sunil Kumar Dubey and Dr. Gautam Singhvi	Enaltec Labs Pvt Ltd	1.29

BITS PILANI K.K. BIRLA GOA CAMPUS
Projects sanctioned during 2017-18

S.NO	Project Title	Principal Investigator/Co-PI	Department	Funding Agency	Amount Rs. (lakh)
1.	Demonstration of river Sal cleaning by vertical wetland and river bank filtration	Dr. M. Srikanth -PI Dr. FraddryD'souza -Co-PI The Energy and Resources Institute, Panaji Dr. Kavita Vithal Patil-Co-PI The Energy and Resources Institute, Panaji	Biological Sciences	DBT (river cleaning)	50.15
2.	Small scale and sustainable household grey water recycling	Dr. M. Srikanth -PI Dr. Hoysall N Chanakya -Co-PI Centre for Contemporary Studies (CCS) and Centre for Infrastructure, Sustainable Transport and Urban Planning (CISTUP) Prof. Ghangrekar -Co-PI IIT, Kharagpur Arun Kumar - Co-PI, NITK, Surathkal Project partner with Indian Inst. of Science	Biological Sciences	DST/MHRD under IMPRINT scheme	31.92
3.	Novel sustained release biodegradable polymer coated urea and zinc nanofertilizers for synchronizing fertilizer uptake, improving productivity and	Dr. Gauri Anil Achari -PI Mentor:Dr. Meenal Kowshik	Biological Sciences	SERB	19.20

S.NO	Project Title	Principal Investigator/Co-PI	Department	Funding Agency	Amount Rs. (lakh)
	prevention of bacterial wilt disease in chilli (<i>Capsicum annum L</i>)				
4.	Sanitation, water and solid waste for development	Dr M. Srikanth	Biological Sciences	EAWAG, Switzerland	7.26
5.	Demonstration of waste to energy project by anaerobic co digestion of food waste and septage	Dr M. Srikanth -PI Mr Sandip K Prabhu Chodnekar GSIDC GOA STATE INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED,	Biological Sciences	DBT	161.00
6.	Development of suitable material for visible light induced photocatalytic hydrogen production from industrial wastewater	Dr. SarojSundarBaral -PI Dr. Saibal Ganguly -Co-PI Dr. Priyabrat Mohapatra-Co-PI	Chemical Engineering	SERB	35.83
7.	Development of anodic material for DSSC (transferred project)	Dr. Sharad Sontakke	Chemical Engineering	DST Inspire	7.00
8.	Catalytic HI decomposition studies in membrane reactor for hydrogen production (transferred project)	Dr. Sharad Sontakke	Chemical Engineering	BRNS	19.33
9.	Design and synthesis of smart supramolecular dyes based on TPE modified PDI- cucurbituril conjugates: their binding and photophysical studies and application in the detection of biogenic polyamines	Dr. Mainak Banerjee -PI Dr. Amrita Chatterjee -Co-PI	Chemistry	BRNS	27.92
10.	Knowledge- Rich Deep Models for Optimisation	Prof. Ashwin Srinivasan	CS &IS	SERB	22.50
11.	A Comprehensive IoT based Geriatric Health Care system for routine health Monitoring and Postoperative Care	Dr. K. R. Anupama -PI Dr. K. R. Biju -Co-PI Mr. Sreejith V. -Co-PI Ms. Meetha V. Shenoy -Co-PI	EEE	DST-ICPS	50.00
12.	India & Neighbourhood Sea Ports comparative Vessel, Traffic & Pattern Analysis using Real Time Ship Tracking Traffic Intelligence Tool for commodity Movement & GDP Correlation Mapping	Dr. R. P. Pradhan -PI CO-PI Dr. Venkatanaresbhabu Kuppili Dept of Computer science & Engineering NIT Goa Mr. Dilip Mehrotra Secretary Indian Ocean MOU on Port-State Control Secretariat (IOMOU)	Humanities & Social Sciences	DST (ICPS)	40.00
13.	A Study on the Bernstein- type inequalities for the polar Derivative of a Complex Polynomial	Dr. Prasanna Kumar	Mathematics	CSIR	16.46
14.	Study on dark energy, dark matter and cosmic acceleration of the Universe in modified gravity	Dr. Gauranga Charan Samanta -PI Dr. Prasanta Kumar Das -Co-PI	Mathematics	CSIR	16.96
15.	A study of homotopyinvariants of a model category	Dr. Shilpa Gondhali	Mathematics	SERB (MATRICS)	6.00
16.	Higher Overall stiffness of triangular shaped ductile/ brittle Lattice Composite Structure compared to square and hexagonal shaped structure	Dr. Gaurav Singh	Mechanical Engineering	SERB	44.63
17.	Ecofriendly flexible CZTS solar cells	Dr. Teny Theresa John -PI Prof. M. K. Jayaraj, CUSAT, Kochi -Co-PI	Physics	SERB	29.25
18.	Novel Micro Biosensor Device for Heavy Metal Analysis in Vegetables	Dr. Sunil Bhand	Chemistry	RRCAT Indore & UGC DAE Consortium Indore	0.45

Grants under DST- FIST Sanctioned in 2017-18

S.NO	Department	Period (years)	DST share Rs.(lakh)
1	Biological Sciences	5	80.00
2	Physics	5	145.00
		Total DST share	225.00

Industry Projects Sanctioned during 2017-18

S.No	Title of the project	Principal Investigator/Co-PI	Funding agency	Amount Rs. (lakh)
1	Process Improvements in Urrakh and Feni Production in Goa" (Pilot Scale Process and thermal Efficiency improvement measures)	Dr. S. D. Manjare -PI Prof. Pramod V. Pathak (Co-PI), Chairman, Environmental Impact Assessment Agency, Goa	DSTE, Goa	10.00
2	Study of lubricant and application method for enhanced surface finish and reduced draw load on cold drawn steel tubes	DrVarinder Singh -PI Prof Amit Kumar Gupta -Co-PI Prof Srinivas P Regalla -Co-PI Dr. Tufan Chandra Bera	Tube Investments of India Ltd, Chennai	27.43
3.	Hybrid Electrochemical-MFC waste processing: Functional blocks for low energy disinfection and denitrification of human waste streams	Dr M Srikanth	Gates Foundation through RTI International	14.00

Ongoing Projects

S.No.	Title of the project	Principal Investigator/Co-PI	Funding agency	Amount Rs. (lakh)
1	Exploration of Antifungal lead molecules from the wild type Bacillus subtilis RLID 12.1 purification and molecular characterization along with optimizing production	Dr. Utpal Roy -PI Prof. Arunaloke Chakrabarti-Co-PI	DBT	38.04
2	Study on the role of Tonoplast Intrinsic Protein Family members in arsenite accumulation and their transport in rice	Dr. Kundan Kumar-PI Dr. Sudhakar Srivastava, Banaras Hindu University	BRNS	29.39
3	Developing Bioactive Compound - Enriched Functional Food Ingredients from Dilleniaindica and valorization of its pomace	Dr. Manashi Das Purkayastha (PI) Dr. M. Srikanth-Co-PI (PI from collaborating institute) Dr. Anasuya Ganguly (Co investigator from collaborating institute) Investigators from Parent institute Dr. Abhijit Borah (CoI) (Assam Agricultural University)	DBT, Twinning Projects for the NE-2015	16.86
4	Onsite electrochemical wastewater treatment and recycling technology	Dr. M. Srikanth	Bill & Melinda Gates Foundation (through Caltech)	30.00
5	Studies on anticoagulant platelet aggregation inhibitors from Indian cobra and viper venoms	Dr. Dibakar Chakrabarty -PI Dr. Angshuman Sarkar -Co-PI Dr. Veeky Baths -Co-PI	DBT	36.54
6	Analytics Sensor Test-Kit for advanced process control	Crane field University Collaborators Dr. Srikanth Mutnuri (PI) Dr. Nitin Sharma (CoPI)	Bill and Melinda Gates Foundation	104.00
7	Home automation and smart wheel chair based on electroencephalography (EEG) signals produced in the brain	Dr. Veeky Baths -PI Dr. Bharat Deshpande-Co-PI	CSRI (DST)	38.95
8	Studies of the effects of quinacrine (QC) on regulation of Rho like small- GTPase and apoptosis in human lung and breast cancer cell lines cultured <i>in vitro</i>	Dr. Angshuman Sarkar-PI Dr. Indrani Talukdar-Co-PI	DBT	23.55
9	Lanthanide doped hydroxyapatite based nano-materials for theranostics applications: Sensing, Imaging, and	Dr. Meenal Kowshik-PI Dr. Sutapa Roy Ramanan-Co-PI	DST	39.64

S.No.	Title of the project	Principal Investigator/Co-PI	Funding agency	Amount Rs. (lakh)
	Therapeutics	Dr. GeetaVarier-Co-PI		
10	Screening, isolation and identification of novel antimicrobial compounds from potential mangroves of Goa	Dr. Kundan Kumar -PI Dr. Utpal Roy -Co-PI	CSIR	27.57
11	Studies on the gene regulation involved in the lytic-lysogenic switch in staphylococcus aureus temperate bacteriophage phi1	Dr. Malabika Biswas	SERB	20.46
12	Network on decentralized Grey/waste water treatment & recycling	Dr. M. Srikanth	Indo-French water network programme of CEFIPRA	3.44
13	Unmixed reforming (UMR) of Methane for Hydrogen Production	Dr. Srinivas Krishnaswamy-PI Prof. Aniruddha B. Pandit, Institute of Chemical Technology, Mumbai	SERB	56.11
14	Visco-elastic, visco-plastic and thixotropic behavior of biogreases and its influence on lubrication (tribological) performance	Dr. Asima Shaukat	DST SERB	54.67
15	Rheological Dynamic of polymer layered silicate/graphene nano-composites	Dr. Asima Shaukat	DST- Inspire	35.00
16	Synthesis of hydroxyapatite based biocompatible functional magnetic nanoparticles and Investigation of its interaction with biomolecules	Dr. Sutapa Roy Ramanan-PI Dr. Meenal Kowshik -Co-PI	UGC-DAE Consortium for scientific research, BARC	2.7
17	Chlorine Resistant Nano Enhanced Polymer Blend Membranes	Dr. Jegatha Nambi Krishnan	SERB- Start-up Research Grant	31.74
18	Nonadiabatic molecular processes on threefold electronic degeneracies	Dr. Tanmoy Mondal	DST- Inspire	35.00
19	Computational Study of the Catalytic Mechanism Some Diaryldiselenide-based Glutathione peroxidase Mimetics	Dr. Raghu Nath Behera	SERB	16.42
20	Design and synthesis of graphene oxide based AIE-sensor for selective detection of Hg(II) and Organic mercury in aqueous medium	Dr. Amrita Chatterjee-PI Dr. N. N. Ghosh-Co-PI	UGC- DAE Consortium for Scientific Research Proposal	7.03
21	Novel micro biosensor device for heavy metal analysis in vegetables	Dr. Sunil Bhand Mr. GautamBacher Principal Collaborator: Mr. Vishal Dhamgaye (RRCAT, Indore) Dr. G. S. Lodha (RRCAT, Indore)	RRCAT indore and UGC DAE consortium Indore	1.00
22	Steric and conformational influences on the performance of nonplanar and highly functionalized phenyl- and heteroaryl- porphyrins in the sensing of anions and heavy metal ions	Dr. P. Bhavana	SERB	28.23
23	A Comprehensive study on mechanochemical sp ² C-H bond activation in five-membered heteroaromatics in a Ball- Mill: Can 1st row transition elements be a potential replacement of late transitional elements a question to investigate	Dr. Mainak Banerjee	SERB	30.57
24	Nano-based detection of organophosphate pesticides using metal organic framework conjugates	CCPIs Prof.. Sunil Bhand PI: Lalit M Bharadwaj, Amity University Dr. Irani Mukherjee, IARI, New Delhi (Consortia Project)	NASF, ICAR	43.00 (BITS share out of 177.00)
25	Development of a field portable device for the analysis of environmental contaminants in water	Dr. Sunil Bhand Dr. A. P. Koley Mr. GautamBacher PCs: Dr. V K Suri Dr. R. Balasubramaniam Shivam Mishra, AshwinRathod (ALL from Precision Engineering	BRNS	24.14

S.No.	Title of the project	Principal Investigator/Co-PI	Funding agency	Amount Rs. (lakh)
		division, BARC, Mumbai)		
26	Experimental and Computational study of Boron Doped TiO ₂ and ZnONanocrystals	Dr. Jayadevan K. P. -PI Dr. R. N. Behera -Co-PI	SERB	23.32
27	Development of PCDA-liposome based detection kit for Alzheimer's disease biomarker	Dr. Amrita Chatterjee -PI Dr. MalabikaBiswas -Co-PI Dr. Ramesha C. K. -Co-PI	SERB	26.63
28	Addressing challenges in application development for heterogenous computing platform for speedup and power efficiency	Dr. SantonuSarkar	DST	37.55
29	Secure vehicular communication and routing in future intelligent transportation systems (ITS)	Dr. Debasis Das	SERB	19.81
30	Development of Remotely configurable Arbitrary Ramp Generator for Frequency modulated continuous Wave Reflectometry	Dr. Neena Goveas -PI Dr. A. Amalin Prince -Co-PI	DAE-BRNS	28.02
31	FPGA Based Fuzzy Logic Picomotor Controller for Laser Beam Pointing Stability Correction	Dr. A. Amalin Prince	DAE-BRNS	24.46
32	Development of SDR based GNSS receiver	Dr. Nitin Sharma	ISRO	33.00
33	Namaste	Prof. Raghurama G.	Namaste	2.22
34	Agenda 2020: India's Maritime Infrastructure, Governance & Naval Diplomacy	Dr. R. P. Pradhan -PI Prof. Geetha Reddy Anant. - Co-PI Osmania University, Hyderabad, Prof. W. Lawrence S. Prabhakar-Co-PI Madras Christian College, Chennai Mr. DilipMehrotra, Secretary -Co- PI , IOMOU, Goa	ICSSR	15.00
35	Predictive Mathematical Modeling and Analysis for Effective Diagnosis and Control of Diabetes mellitus with associated Co-infections Diseases among Indian	Dr. P. Dhanumjaya -PI Prof. V. Sree HariRao -Co-PI International Centre for Interdisciplinary Resaerch & Innovation, Hyderabad	SERB	15.68
36	A Study on the inequalities involving complex polynomials	Dr. Prasanna Kumar N.	National Board for Higher Mathematics, DAE	13.04
37	Theoretical and numerical study of elliptic and parabolic partial differential equations with interfaces	Dr. P. Dhanumjaya	National Board for Higher Mathematics, DAE	13.48
38	Study and analysis of fluid dynamics and heat transfer characteristics in circulating fluidized bed heat exchanger with novel designs of distributor plates	Dr. Ranjit S Patil	SERB	27.66
39	Simulation of simultaneous rock fractures at multiple scales	Dr. Gaurav Singh -PI Prof. Quan sheng Liu, Wuhan University China -Co-PI	Ministry of Mines	30.00
40	Crack growth direction in amorphous silica under extreme temperatures using molecular mechanics (application to Reusable launch Vehicle (RLV))	Dr. Gaurav Singh -PI Dr. Subhas Ghosal, Hyderabad Campus -Co-PI	ISRO Head Quarters, Department of Space, Bangalore	16.08
41	An Acoustic Study characterization and standardization of the SarasvatiVeena	Dr. Pravin M Singru -PI Dr. Radhika Vathsan -Co-PI	SERB	36.95
42	Observational signals of quantum gravity in CMB	Dr. Kinjal Banerjee	Start up research grant, SERB	3.18
43	Studies on biomolecular transport through nuclear pore complexes using a dual fluorescence channel confocal microscope	Dr. P. Nandakumar	SERB	44.04
44	Signature of Space-time noncommutativity in high energy colliders	Dr. Prasanta Kumar Das	SERB	18.85
45	Room temperature Hydrogen Storage and sensing using Reduced Graphene Oxide-MoS ₂ Nanocomposites	Dr. E. S. Kannan	SERB	30.61

S.No.	Title of the project	Principal Investigator/Co-PI	Funding agency	Amount Rs. (lakh)
46	Spin seebeck Effect in novel hetero structures	Dr. Ram Shanker Patel -PI Dr. Kartik Senapati -Co-PI Dr. Pratap Kumar Sahoo NISER Bhubaneswar -Co-PI	SERB	50.83

Ongoing Industry projects

S.No	Title of the project	Name of PI/Co-PI	Funding Agency	Amount Rs. (lakh)
1	Experimental and simulation studies on coke mitigation in petroleum refinery systems	Prof. Srinivas Krishnaswami-PI Dr. K. Ponnani -Co-PI	CHT	132.97
2	Development of sensing systems for residual pesticide and harmful chemical detection in fruits and vegetables	Prof. Sunil Bhand CCPI PI: Dr Nabarun Bhattacharyya CDAC Kolkata Partner: Jadavpur University Kolkata	R D Tata trust , Mumbai	53.20 (BITS share) (Total project cost is Rs. 212 lakhs)
3	A cost-effective approach of making software dependable	Prof. Santanu Sarkar	Accenture Award	15.00
4	Design and development of condition based monitoring of pipelines using wireless sensor network	Prof. K..R. Anupama -PI Dr. Lucy Gudino-Co-PI Dr. Neena Goveas -Co-PI	GAIL	95.88

Ongoing Consultancy Projects

S.NO	Project Title	Principal Investigator/Co-PI	Funding Agency	Amount Rs. (lakh)
1	Research & Analysis of Bacterial Content in Washing Machine	Dr.M. Srikanth	IFB Private Limited	1.89
1.	Detection and quantification of enzymes in detergents and Patch Test Assays with Allergic reactions	Dr. M. Srikanth	IFB Private Limited	2.53
2.	Synthesis and validation of methods for vortioxetine HBr.	Prof. Mainak Banerjee	UNICHEM India Ltd	5.47
3.	Simulation of industrial pallets using ROTOSIM	Dr. Sachin Waigaonkar	Sintex Industries Ltd	0.23
4.	Performance assessment studies on the production process of CPTAP	Dr. S D Manjare	Deccan Fine Chemicals (India) Private Ltd	2.56
5.	Performance assessment studies on the production process of MTB (a herbicide)	Dr. S D Manjare	Deccan Fine Chemicals (India) Private Ltd	2.44
6.	Waste to Energy	Dr. M. Srikanth	GIZ, Germany	11.99
7.	Rationality, Uncertainty and cognition in financial markets: An Experimental Approach	Dr. Anoop S. Kumar	IUCAE, University of Kerala	0.75

Grants under DST- FIST Ongoing

S.NO	Department	Period (years)	Amount Rs. (lakh)
1	Mechanical Eng.	5	40.00
2	EEE& I	5	36.00
3	Mathematics	5	37.5
4	Chemical Eng.	5	31.00
5	Chemistry	5	38.50

Development Grant ongoing (Bioincubator)

S.No	Title of the project	Name of PI/Co-PI	Funding Agency	Amount Rs. (lakh)
1.	Bioincubator in Health and environmental engineering	Development Grant	BIRAC-Bio-NEST	296.64 lakhs

Completed projects

S.No	Title of the project	Name of PI/Co-PI	Funding Agency	Amount Rs. (lakh)
1	Study on EMT regulation through TGF β /SMADs in gall bladder disease	Dr. Vijayashree Nayak -PI Dr. Utpal Roy-Co-PI Dr. Rajani Gaind, VMMC & Safdarjung Hospital, Delhi -Co-PI	SERB	37.90
2	Microbial Diversity and Biotechnological Potentials of selected polar microorganisms	Mrs. Purnima Singh -PI Mentor: Dr. Utpal Roy	DST- WOS	20.79
3	Regulation of hypothalamic gonadotropin releasing hormone expression by putrescine in female rats	Dr. Arnab Banerjee	SERB	22.24
4	Investigations on microstructures of hard-soft ferrite nanocomposites and influence of microstructures on their properties	Dr. N.N. Ghosh -PI Dr. P. Parameswaran -Co-PI	UGC-DAE	2.63
5	Development of polymer-ferrite (and/or grapheme) nanocomposites having high thermal stability and microwave absorption property for Radar Absorbing Coating Application	Dr. N. N. Ghosh	DRDO	14.59
6	Development of β,β' -edge fused π -elongated donor-acceptor porphyrin possessing Near-IR optical spectra	Dr. Subhadeep Banerjee	DST-FT	22.60
7	Structure and energetic of C7H2 and C9H2 Isomers:Quantam Chemical studies	Dr. Venkateswan S.Thimmakondur	SERB	23.23
8	Chalcogen containing azomethin macrocycles and bicycles: synthesis, characterization, metal complexes and theoretical investigations of nature of intramolecular interactions between divalent chalcogen and nitrogen atoms	Dr. Arunashree Panda -PI Mentor: Dr. R. N. Behera	DST WOS	17.10
9	CROSS CULTURAL COMMUNICATION – An empirical analysis of cross cultural communication variables in Indian industries leading towards developing appropriate strategies for multi-cultural workplaces and academia	Dr. Basavadatta Mitra	UGC	6.50
10	Flow investigation through uED-milled metallic micro channels	Dr. G. Karthikeyan	DST-FT	21.21
11	Improving the energy efficiency of solar cells by spin caloritronics	Dr. Ethirajulu S. Kannan	DST-FT	22.08
12	The role of rheology in defining the tribological (lubrication) behavior of biogreases	Dr. Asima Shaukat	BITS-ACG	8.00
13	Role of alternate splicing modulators in differentiation of embryonic stem cells into specific lineages	Dr. Indrani Talukdar	BITS-ACG	8.00
14	Design and Analysis of MEMS Switches for the Arc-less Operation and Control of Electric Energy Processing Systems	Dr. A. Amalin Prince	BITS-ACG	7.50
15	Applications of High Performance Computing to Software Engineering and Data Analytics	Prof. Santonu Sarkar Prof. Ashwin Srinivasan	BITS-ACG	14.00

S.No	Title of the project	Name of PI/Co-PI	Funding Agency	Amount Rs. (lakh)
16.	Effect of Novel Design Cyclone Separator on Heat Transfer Characteristics of Pressurised Circulating Fluidized Bed Heat Exchanger	Dr. Ranjit S. Patil	BITS-ACG	2.50

HYDERABAD CAMPUS

Projects sanctioned during 2017-18

S.No	Project Name	Principal Investigator	Department	Funding Agency	Amount Rs. (lakh)
1	Investigations of knowledge on Dengue fever followed by education and post impact behavioural changes among the rural communities of shameerpet mandal of Rangareddy district of Telangana state	Prof. Sajeli Begum	Pharmacy	ICMR-ICSSR	10.89
2	Novel Casting approach to improve quality of aluminum alloy casting : Hybrid ultrasonic assisted bottom pour stir casting process	Prof. N. Suresh Kumar Reddy	Mechanical Engineering	DRDL	9.84
3	Career Persistence of Indian Women Professionals in Information Technology sector: Brakes , Accelerators, Challenges and Opportunities	Dr. Swati Alok	Economics and Fianance	ICSSR	2
4	Understanding the Role of Antimicrobial S100A12 (Calgranulin C) Mediated Host Defense in Pseudomonas Keratitis and Developing Nano-tools for Efficient Delivery of S100A12	Dr. Sanhita Roy/Dr. Swati Biswas	Pharmacy	DST(LVPEI)	55
5	Improving the seismic performance of dynamically similar buildings using damper connected control technique	Dr. S C Mohan	Civil Engineering	DST	43.14
6	Multiobjective evolutionary approach for solving water distribution network design optimization	Prof. A Vasani	Civil Engineering	CSIR	22.35
7	Formability Study of Inconel 625 alloy at Elevated Temperatures for Aerospace Applications	Dr. Nitin R. Kotkunde	Mechanical Engineering	DST	31.43
8	Comparison of phase velocities of Rayleigh waves, love waves and Torsional waves in various anisotropic geo-media	Dr. Sumith Kumar Vishwakarma	Mathematics	DST	13.66
9	Cryogenically-Conditioned Micro and Nanoencapsulated Phase Change Material Slurries for Cool Thermal Energy Storage Applications	Dr. R. Parameshwaran	Mechanical Engineering	DST	27.76
10	Efficacy of Appropriately Tailored Biopolymer and Carbonaceous Adsorbents for the separation and Recovery of Europium	Prof. N. Rajesh	Chemistry	DST	29.59
11	Application of topology optimization to enhance energy efficiency and performance of industrial manipulator	Dr. Arshad Javed	Mechanical Engineering	DST	29.43
12	Design, Synthesis and Biological Evaluation of HDAC3 Selective Inhibitors as Long Term Memory Enhancers	Dr. Balaram Ghosh	Pharmacy	DST	29.87
13	Metal-Oxide and nano composite based low-power non-volatile switching device : a novel approach	Dr. Souvik Kundu	EEE	DAE-BRNS	34.9
14	Development of metamaterial base support	Dr. Sabareesh G R	Mechanical Engineering	DMDE DRDO	13.8
15	Investigations on naphthalene and anthracene based phosphosates/phosphates: important sources for alkene based new alegers and polyarylkhanes	Prof. Manab Chakravarty	Chemistry	CSIR	17
16	Photocatalytic reduction of CO2 to biofuels	Dr. Sounak Roy	Chemistry	CSIR	4
17	Preparations and Characterization of a topical gel formulation of topical gel formulation of IS107	Dr. V Vamsi Krishna Venuganti	Pharmacy	ISSAR	5.63
18	Transcutaneous delivery of liraglutide using zein microneedle array	Dr. V Vamsi Krishna Venuganti	Pharmacy	NACTO	22.42

S.No	Project Name	Principal Investigator	Department	Funding Agency	Amount Rs. (lakh)
19	Development and characterization of a topical gel formulation of a candidate drug	Dr. V. Vamsi Krishna Venuganti	Pharmacy	Sarudbhava Formulations Pvt. Ltd.	6
20	Development of pH-responsive smart capsule containing targeted multilayer film for drug delivery: The proof-of-concept study in colorectal cancer model	Dr. V. Vamsi Krishna Venuganti	Pharmacy	DST	55.54
21	Implementation of Digital Beam forming for Radar	Dr. S K Sahoo	EEE	HBL	3.32
22	Strategies against antibiotic resistance in Mycobacterium tuberculosis and ESKAPE pathogens; new drugs and new targets	Prof. D Sriram	Pharmacy	DBT Indo Sweden	67
23	Development and characterization of a topical formulations	Dr. V. Vamsi Krishna Venuganti	Pharmacy	ISSAR-2	9.79
24	Use of Polymer fibers and steel fibers for improvements in concrete properties	Prof. P.N. Rao	Civil Engineering	MoRTH	6.57
25	State of the art on effect of temperature stresses in concentrate pavements	Prof. Vinayak Ram	Civil Engineering	MoRTH	6.44
26	Preparation of State of the Art Report (SOAR) on Utilization of Higher percentage of Reclaimed Asphalt Pavement (RAP) in Hot Asphalt Mixes (HAM) with Warm Mix Additives - Laboratory and field evaluation	Prof. Sridhar Raju	Civil Engineering	MoRTH	6.25
27	Coastal wetlands characterization using L and S bands of polarimetric SAR data	Dr. Rajitha	Civil Engineering	ISRO	13.58
28	Modelling and Simulation of quartz Accelerometer for navigation system	Dr. Satish Kumar Dubey	Mechanical Engineering	DRDO-cars	5.24
29	Comparison of Phenolic Resin from two sources for their properties	Dr. Karthik Chetan V	Chemical Engineering	DRDO-cars	9.79
30	Sequence based designs and characterization of peptide-amyloid nano materials exploring functionality	Dr. Ramakrishna Vadrevy	Biological Sciences	DAE-BRNS	29.68
31	Combined genetic and epigenetic analysis of oral cancer for prognosis of patients	Prof. K Naga Mohan	Biological Sciences	DBT	138.88

Ongoing Projects 2017-18

S.No.	Title of the Project	PI	Department	Funding agency	Amount Rs.
1	Studies on CO ₂ capture from flue gases using regenerable solid adsorbents	Prof. Srikanta Dinda	Chemical Engineering	CSIR	2600000
2	Spectral element methods for elliptic and parabolic interface problems in R2 on parallel computers	Dr. N. Kishore Kumar	Mathematics	DAE	1359100
3	Pharmacological evaluation of novel double stranded RNA dependent rotein kinase (PKR) inhibitors for diabetic cardiomyopathy	Dr. Arti Dhar	Pharmacy	CSIR	2300000
4	Cell Penetrating Peptide Octa-Arginine anchored, Multifunctional poly(amidoamine)Dendrimer to Promote delivery of chemotherapeutics in cancer	Dr. Swati Biswas	Pharmacy	DBT	3703695
5	Investigations of folding of Cysteine-rich Neurotoxins in Ionic Liquids by Molecular Dynamics simulation and Quantum Mechanical calculations	Dr. Durba Roy	Chemistry	DST	2522800
6	Photocatalytic Nox abatement: From mechanism and material peoperties to catalytic performance	Dr. Sounak roy	Chemistry	DST	2448000
7	Design and snthesis & biological evaluation of Mycobacterium tuberculosis serine/threonine protein kinase (BPknB) inhibitors	Prof. D. Sriram	Pharmacy	DST-2015	2761000
8	Bianchi Type Cosmological Models in Modified Theories of Gravitation	Prof. Bivudutta misra	Mathematics	DST	1108800
9	Role of double stranded RNA dependent protein kinase (PKR) in hypertension: Mechanism and prevention	Dr. Arti Dhar	Pharmacy	DST	2604000
10	Evaluation of promising algal isolates for sustainalbe biofuel production interagted with	Dr. Shailender Kumar Sing	Biological Sciences	DST- Young Scientist	3370000

S.No.	Title of the Project	PI	Department	Funding agency	Amount Rs.
	CO2 sequestration				
11	Finding Aggregation-Induced Emission Active Materials: Design, Synthesis and Photophysical Studies of Sterically Hindered Triarylethenes and Tetraarylethenes	Prof. Manab chakravarty	Chemistry	DST-2	3838000
12	Non -Invasive Delivery of siRNA to treat Melanoma	Dr.Vamsi krishna venuganti	Pharmacy	DBT-RGYI	2284800
13	Structure based rational design and synthesis of mycobacterium tuberculosis inhibitors	Prof.Swaminathan	Biological Sciences	DBT	5967500
14	Nano-scale characterization of human hair fibres by using indentation technique.	Dr. A Ramesh babu	Chemical Engineering	DST	2662000
15	D - a-Tocopherol conjugated co-polymer based micelles for improved delivery of chemotherapeutics with reversal of multiple drug resistance	Dr.Swati Biswas	Pharmacy	DST	2240000
16	Role of interleukin-22 in diabetic wound healing band regeneration	Dr. Onkar Kulkarni	Pharmacy	DST	2726000
17	Microfluidic -diffusivity -meter: CO2 diffusivity sensor during carbon sequestration in the oil-reservoirs	Prof. Sanket Goel	EEE	DST	2191000
18	Integrated urban flood management in India	Prof. K .S.Raju	Civil Engineering	ITRA	1906000
19	Photocurable organic-inorganic hybrid precursors for the fabrication of metal oxide micro/nanostructures	Dr.Ramakrishan Ganesan	Chemistry	DST	2598000
20	Biofuels from lignocellulosic biomass waste: Biosolubilization and biomethanation of lignin	Dr. Asma Ahmed	Chemical Engineering	DST-FT	2410000
21	Towards metalloneurochemistry inside a niosome: a fluorescence spectroscopy approach	Dr. Amit Nag	Chemistry	DST	2498000
22	Characterization of a mouse embryonic stem cell model to study the effects of increased levels of DNA methyltransferase 1 (DNMT1) on abnormal neurogenesis	Prof. Nagamohan	Biological Sciences	DST	4038400
23	Transgenic Embryonic stem cell models for studying the role elevated levels of DNMT1 and DNMT3A in neuropsychiatric disorders	Prof. Nagamohan	Biological Sciences	DBT	2410000
24	Gravitational waves from oscillations and instabilities in neutron stars	Dr. Sarmistha Banik	Physics	DST	1476000
25	Advancing host-directed therapy for tuberculosis/MDR-TB: Development of novel PKB/AKT1 and Protein Kinase R inhibitors as an adjunctive treatment for tuberculosis	Prof. D. Sriram	Pharmacy	DBT-Tata Innovation	2700000
26	Development of an encryption algorithm for secure transmission of color images	Dr. Manish Kumar	Mathematics	DST	1508053
27	Performance evaluation of backfill soils partially replaced with building derived materials	Dr. Anasua Guharay	Civil Engineering	DST	2443710
28	"Hydrogen storage in mesoporous polymer derived ceramics for automotive applications	Dr. Sujith R	Mechanical Engineering	DST	4238240
29	Enhancement of mechanical properties of Ti-6Al-4V using constrained groove pressing and heat treatment	Prof. Amit Kumar Gupta	Mechanical Engineering	DRDO	4560000
30	Functional role of histone deacetylase 5 (HDAC5) in the pathogenesis of chronic kidney diseases and renal fibrosis	Dr. Onkar Kulkarni	Pharmacy	DBT-IYBA	7016800
31	Investigations on pro-inflammatory cytokine inhibitory low molecular weight metabolites of Pseudomonas sp. ABS -36 for the treatment of renal injury	Prof. A Sajeli Begum	Pharmacy	DST	2439363
32	Synthesis, study of optical properties and Anticancer activity of unique di-substituted tetracyanoquinodimethanes	Prof. Jayanty Subbalakshmi	Chemistry	DST	2574605
33	Development of a Non-invasive biodegradable polymeric microprojection ocular patch for effective corneal delivery of anti-microbial agents to treat fungal infections of eye	Dr. Vamsi Krishna Venuganti	Pharmacy	ICMR	4225150

S.No.	Title of the Project	PI	Department	Funding agency	Amount Rs.
34	STRATEGIES FOR FAULT-TOLERANT NETWORK-ON-CHIP DESIGN ”	Dr. Soumya J	EEE	DST	2593140
35	Development of an accurate and robust unstructured grid-based adjoint approach for compressible turbulent flows	Dr. Anil N	Mathematics	DST	1590600
36	Polymorphism studies and molecular characterization of plasmodial Rhoptry neck protein 2 (RON-2) from Indian fields isolates	Prof. Vidya Rajesh	Biological Sciences	DST	3492000
37	Protein structure and stability modulation due to In-Cell and In-Vitro Crowding: Molecular insights on the origin of the effects of crowding	Dr. Ramakrishna Vadrevu	Biological Sciences	DST	5436000
38	Mechanistic basis of abnormal neurogenesis due to HSN1E-associated DNA methyltransferase1 (Dnmt1) mutation and pharmacological intervention for phenotypic correction	Prof. Naga Mohan	Biological Sciences	DBT-2	6845800
39	Investigations of knowledge on Dengue fever followed by education and post impact behavioural changes among the rural communities of shameerpet mandal of rangareddy district of Telangana state	Prof. Sajeli Begum	Pharmacy	ICMR-ICSSR	418387
40	Novel Casting approach to improve quality of aluminum alloy casting : Hybrid ultrasonic assisted bottom pour stir casting process	Prof. N. Suresh Kumar Reddy	Mechanical Engineering	DRDL	984500
41	Career Persistence of Indian Women Professionals in Information Technology sector: Brakes , Accelerators, Challenges and Opportunities	Dr. Swati Alok	Economics and Finance	ICSSR	200000
42	Understanding the Role of Antimicrobial S100A12 (Calgranulin C) Mediated Host Defense in Pseudomonas Keratitis and Developing Nano-tools for Efficient Delivery of S100A12	Dr. Swati Biswas	Pharmacy	DST	5500600
43	Improving the seismic performance of dynamically similar buildings using damper connected control technique	Dr. S C Mohan	Civil Engineering	DST	4314540
44	Multiobjective evolutionary approach for solving water distribution network design optimization	Prof. Vasani	Civil Engineering	CSIR	2235400
45	Formability Study of Inconel 625 alloy at Elevated Temperatures for Aerospace Applications	Dr. Nitin R. Kotkunde	Mechanical Engineering	DST	3143250
46	Comparison of phase velocities of Rayleigh waves, Love waves and Torsional waves in various anisotropic geo-media	Dr. Sumith Kumar Vishwakarma	Mathematics	DST	1366800
47	Cryogenically-Conditioned Micro and Nanoencapsulated Phase Change Material Slurries for Cool Thermal Energy Storage Applications	Dr. R. Parameshwaran	Mechanical Engineering	DST	2776340
48	Efficacy of Appropriately Tailored Biopolymer and Carbonaceous Adsorbents for the separation and Recovery of Europium	Prof. N. Rajesh	Chemistry	DST	2959370
49	Application of topology optimization to enhance energy efficiency and performance of industrial manipulator	Dr. Arshad Javed	Mechanical Engineering	DST	2943600
50	Design, Synthesis and Biological Evaluation of HDAC3 Selective Inhibitors as Long Term Memory Enhancers	Dr. Balaram Ghosh	Pharmacy	DST	2987800
51	Metal-Oxide and nano composite based low-power non-volatile switching device : a novel approach	Dr. Souvik Kundu	EEE	DAE-BRNS	3490650
52	Development of metamaterial base support	Dr. Sabareesh G R	Mechanical Engineering	DMDE DRDO	1380000
53	Investigations on naphthalene and anthracene based phosphosates/phosphates: important sources for alkene based new aldehydes and polyarylethanes	Prof. Manab Chakravarty	Chemistry	CSIR	1620000

S.No.	Title of the Project	PI	Department	Funding agency	Amount Rs.
54	Photocatalytic reduction of CO ₂ to biofuels	Dr. Sounak Roy	Chemistry	CSIR	400000
55	Preparations and Characterization of a topical gel formulation of topical gel formulation of IS107	Dr. V Vamsi Krishna Venuganti	Pharmacy	ISSAR	563500
56	Transcutaneous delivery of liraglutide using zein microneedle array	Dr. V Vamsi Krishna Venuganti	Pharmacy	NACTO	2242500
57	Development and characterization of a topical gel formulation of a candidate drug	Dr. Vamsi Krishna Venuganti	Pharmacy	Sarudbhava Formulations Pvt. Ltd.	300000
58	Development of pH-responsive smart capsule containing targeted multilayer film for drug delivery: The proof-of-concept study in colorectal cancer model	Dr. Vamsi Krishna Venuganti	Pharmacy	DST	2476400
59	Implementation of Digital Beam forming for Radar	Dr. S K Sahoo	EEE	HBL	332760
60	Strategies against antibiotic resistance in Mycobacterium tuberculosis and ESKAPE pathogens; new drugs and new targets	Prof. D Sriram	Pharmacy	DBT Indo Sweden	6700068
61	Construction of arbitrary Tensor Networks using cross approximation techniques	Dr. N. Kishore kumar	Mathematics	DAE	289500
62	Sequence based designs and characterization of peptide-amyloidnano materials exploring functionality	Dr. Ramakrishna Vadrevy	Biological Sciences	DAE-BRNS	2968650
63	Combined genetic and epigenetic analysis of oral cancer for prognosis of patients	Prof. K Naga Mohan	Biological Sciences	DBT3	13888240
64	Coastal wetlands characterization using L and S bands of polarimetric SAR data	Dr. Rajitha	Civil Engineering	ISRO	1358000
65	Development and characterization of a topical formulations	Dr. V. Vamsi Krishna Venuganti	Pharmacy	ISSAR-2	979400

Ongoing Consultancy Projects

S.No	Title of Consultancy of project	Name of faculty (Chief Consultant)	Department	Client Organization	Amount Rs.
1	Development for sustained release injectable formulations	Dr.Swati Biswas	Pharmacy	Daewoong Pharmaceutical Co.,Ltd	2200000
2	Algorithms for Narrow Beamwidth Emitter Location(Anabel)	Prof. Yoganandam	EEE	DLRL	994948
3	Simulation and Modelling to Minimize Porosity level in Aluminum Castings by Ultrasonic Sir Casting	Prof. N.S.K Reddy	Mechanical Engineering	L&N Structural Engineers	803200
4	Effluent Treatment Plant (ETP) and Sewage Treatment Plant (STP)	Prof. Suman Kapur	Biological Sciences	ABG	2157440
5	"Design and Thermal Analysis of Electronic Controller Mounted on Disc"	Prof. Jeevan Jaidi	Mechanical Engineering	HBL Power Systems Ltd.	249997
6	"Analytical development studies for pharmaceutical products"	Dr. Vamsi Krishna Venuganti	Pharmacy	Intera Healthcare Pvt Ltd	1830855
7	Technical and knowledge support for preparation and filing of drugs master file (DMF) as per common technical documents (CTD) for sennosides USP including the analytical requirements	Prof. Punna Rao	Pharmacy	Shashi Phytochemical Industries	574560
8	Maintenance of sanitation and solid waste management for swachh Andhra pradesh	Dr. Sankar Ganesh	Biological Sciences	Ascent Leadership & Management	350550
9	Development of epigenomes-targeted liposomes for the cancer specific delivery of chemotherapeutic drug, Doxorubicin	Dr. Balaram Ghosh	Pharmacy	SUN Pharma Advanced Research Company Ltd.	2900000
10	Development of pulse position modulation modemm	Prof. Yoganandam	EEE	DPPMM	402500
11	Developing a web portal for power curve guarantee test	Dr. Sabareesh G Rajasekharan &	Mechanical Engineering	Mytrah Energy (India) Pvt Limited	148995

S.No	Title of Consultancy of project	Name of faculty (Chief Consultant)	Department	Client Organization	Amount Rs.
12	Web portal for downloading the reanalysis data & long term correlation with measured data	Dr. Aruna Malapati	CSIS	Mytrah Energy (India) Pvt Limited	148995
13	Screening of Immunoglobulin gene sequences of interest	Prof. Suman Kapur	Biological Sciences	Consultancy project	563886
14	Synthesis of iron oxide nanoparticles for propellant fuel applications	Dr. Balaji Gopalan & Dr. Ramakrishnan Ganesan	Chemistry	Premier Explosives Limited	1215000
15	Heat transfer study of Li-ion Bty, Pha-1	Prof. Jeevan Jaidi	Mechanical Engineering	HBL	531000
16	Comparison of Phenolic Resin from two sources for their properties	Dr. Karthik Chetan V	Chemical Engineering	DRDO-cars	979200
17	Implementation of Digital Beam forming for Radar	Dr. S K Sahoo	EEE	HBL	332760
18	Novel Casting approach to improve quality of aluminum alloy casting : Hybrid ultrasonic assisted bottom pour stir casting process	Prof. N. Suresh Kumar Reddy	Mechanical Engineering	DRDL	984500

S.No	FIST	Department	Amount Rs (lakh)
1	DST-FIST	Pharmacy	33.50
2	DST-FIST	Biological Sciences	55.00
3	DST-FIST	Chemistry	45.00
4	DST-FIST	Civil Engineering	49.50
5	DST-FIST	Mathematics	24.50
	DST share (50%)	Total	207.50

International Projects ongoing

S.No.	Title of the Project	PI	Department	Funding agency	Amount Rs.
1	Mycobacterium tuberculosis acetyl coenzymes a carbonylase inhibitors: structure based drug design, synthesis and biological evaluation	Prof. D. Sriram	Pharmacy	DST Indo-Poland	1189000
2	Turnor targeted nanomedicines for Photodynamic therapy	Dr. Swati Biswas	Pharmacy	DST-Indo Belarus	958000
4	Structured-based Design of Orphan nuclear Receptor Modulators to treat Diabetes and its complications by targeting RORalpha and Rev-erbalpha	Prof. P. Yogeeswari	Pharmacy	ICMR Indo-France	2161600
5	Development of Novel Compounds for the Treatment of Neural Complications of Diabetes	Prof. P. Yogeeswari	Pharmacy	DST-Indo-Portugal	604000
6	Enzymes from Purine and Pyrimidine Biosynthetic pathway as targets for the development of Mycobacterium tuberculosis drugs	Prof. P. Yogeeswari	Pharmacy	DBT-Indo-Brazil	4822990
7	Parallax Lightweight code self-verification for IoT Devices	Prof. Hota	CSIS	DeitY	3830000
8	UK-India Centre for Advanced Technology for Minimization of indiscriminate use of Antibiotics (UKICAT-MA)	Dr. Vamsi Krishna Venuganti	Pharmacy	DBT-MRC	3500000

Projects Completed

S.No	Project Name	Principal Investigator	Department	Funding Agency	Amount
1	Non -Invasive Delivery of siRNA to treat Melanoma	Dr. Vamsi Krishna Venuganti	Pharmacy	DBT-RGYI	2284800
2	Nano-scale characterization of human hair fibres by using indentation technique.	Dr. Ramesh Babu Adusumalli	Chemical Engineering	DST FT	2662000
3	Photocatalytic Nox abatement: From mechanism and material peoperties to catalytic performance	Dr. Sounak Roy	Chemistry	DST FT	2448000
4	Finding Aggregation-Induced Emission Active Materials: Design, Synthesis and Photophysical Studies of Sterically Hindered Triarylethenes and Tetraarylethenes	Dr. Manab Chakravarthy	Chemistry	DST	3838000
5	Bianchi Type Cosmological Models in Modified Theories of Gravitation	Dr. Bivudutta Mishra	Mathematics	DST	1444800
6	Towards metalloneurochemistry inside a niosome: a fluoroscence spectroscopy approach	Dr. Amit Nag	Chemistry	DST	2498000
7	Enzymes from Purine and Pyrimidine Biosynthetic pathway as targets for the development of Mycobacterium tuberculosis drugs	Prof. P. Yogeewari	Pharmacy	DBT-Indo-Brazil	4822990
8	Characterization of a mouse embryonic stem cell model to study the effects of increased levels of DNA methyltransferase 1 (DNTMT1) on abnormal neurogenesis	Dr. Nagamohan	Biological Sciences	DST	4038400
9	Gravitational waves from oscillations and instabilities in neutron stars	Dr. Sarmistha Banik	Physics	DST	1476000
10	Cell Penetrating Peptide Octa-Arginine anchored, Multifunctional poly(amidoamine)Dendrimer to Promote delivery of chemotherapeutics in cancer	Dr. Swati Biswas	Pharmacy	DBT	3703695
11	Turnor targeted nanomedicines for Photodynamic therapy	Dr. Swati Biswas	Pharmacy	DST-Indo-Belarus	958000
12	Mycobacterium tuberculosis acetyl coenzymes a carbonylase inhibitors: stucture based drug design, synthesis and biological evaluation	Prof. D Sriram	Pharmacy	DST-Indo polish	1189000
13	D - a-Tocopherol conjugated co-polymer based micelles for improved delivery of chemotherapeutics with reversal of multiple drug resistance	Dr. Swati Biswas	Pharmacy	DST	2240000
14	Structure based rational design and synthesis of mycobacterium tuberculosis inhibitors	Prof. Swaminathan	Biological Sciences	DBT	5967500
15	Development of Novel Compounds for the Treatment of Neural Complications of Diabetes	Prof. P. Yogeewari	Pharmacy	DST-Indo-Portugal	604000
16	Development for sustained release injectable formulations	Dr. Swati Biswas	Pharmacy	Daewoong Pharmaceutical Co.,Ltd	2200000
17	"Design and Thermal Analysis of Electronic Controller Mounted on Disc"	Prof. Jeevan Jaidi	Mechanical Engineering	HBL	249997
18	"Analytical development studies for pharmaceutical products"	Dr. Vamsi Krishna Venuganti	Pharmacy	Intera Healthcare Pvt Ltd	1830855
19	Maintenance of sanitation and solid waste management for swachh Andhra pradesh	Dr. Sankar Ganesh	Biological Sciences	Ascent Leadership & Management	350550
20	Microfluidic -diffusivity -meter: CO2 diffusivity sensor during carbon sequestration in the oil-reservoirs	Prof. Sanket Goel	EEE	DST	2191000

S.No	Project Name	Principal Investigator	Department	Funding Agency	Amount
21	Development of pulse position modulation moderm	Prof. Yoganandam	EEE	DPPMM	402500
22	Simulation and Modelling to Minimize Porosity level in Aluminum Castings by Ultrasonic Sir Casting	Prof. N.S.K Reddy	Mechanical Engineering	L&N Structural Engineers	803200
23	Algorithms for Narrow Beamwidth Emitter Location(Anabel)	Prof. Yoganandam	EEE	DLRL	994948

Brief description of some of the projects sanctioned in 2017-18

1. Dr. P. Dhanumjaya

NBHM (DAE) Sponsored Project:

Thrust area of the project

Computational Partial Differential Equations

Keywords

PDEs with interfaces, Discontinuous data, Error estimates, Numerical Experiments

Abstract: In this project, we study theoretical and numerical investigations for two-dimensional Helmholtz equation with vertical interface(s) using monomial bases. Solving one-dimensional heat conduction equation in double-layers. Finally, we concentrate theoretical and numerical investigations for two-dimensional heat equation with interfaces.

2. Dr. P. Dhanumjaya

DST-SERB Sponsored Project:

Thrust area of the project : Mathematical Modeling, Computational Biology

Keywords: Predictive Mathematical Modeling and Analysis for Effective Diagnosis, Control of Diabetes Mellitus, Co-infections Diseases among Indians

Abstract : We intend to develop new and realistic dynamical mathematical models that explain real world phenomena, for which we shall analyze their qualitative properties such as existence, stability, periodic and oscillatory behaviour of the involved processes. Furthermore, we intend to discover new processes of discretizations that preserve the dynamic characteristics of the solutions of ordinary and partial differential equations, in the related and associated difference equations.

3. Dr. Varinder Singh

Thrust area of the project : Manufacturing engineering

Keywords : Cold drawn steel tubes; porous surface; lubricant application; surface finish

Abstract : At TIL, Chennai, several types of tube products are produced. The present process sequence for manufacturing cold drawn tube products involves initially the rolling of the strip of appropriate thickness and then welding the two ends together by electric resistance welding. This electrical resistance welded tube after removing the burrs and extra metals, needs the application of lubricant before cold drawing operation. The project aims to devise and investigate ways to improve lubricant retention under extreme pressures and enhance surface finish of the cold drawn steel tubes. The improved surface finish and prevention of surface defects has tremendous value to the organization. Two major methods are under investigation namely the creation of porous surface for better lubricant retention and application of ultrasonic vibration to the die for improved surface finish.

4. Dr. Neena Goveas

Thrust Area of the project: Development of Remotely Configurable Arbitrary Ramp Generator for Frequency Modulated Continuous Wave Reflectometry

Keywords : FPGA, Ramp generator, Frequency Modulation, Plasma density profile

Abstract : Frequency-modulated continuous-wave (FMCW) microwave reflectometer is used to measure the plasma density profile with a predefined time resolution. FMCW reflectometer employs a non-linear upsweep in voltage for generating a linear frequency modulated signal. Depending on the experimental requirements we should be able to change the VCO output frequency and also the duration of sweep so as to optimize the reflectometer measurement range.

5. K. P. Jayadevan, CoPI: Prof. R. N. Behera

Thrust Area of the project

Physical Chemistry of Nanocrystals

Keywords : Oxide Nanocrystals, Boron, Semiconductor, Solid Simulation, Band Gap

Abstract : This project intends to study the effect of boron as a dopant on the microstructure and band gap of some model semiconducting oxide nanocrystals: TiO₂ and ZnO. The experimental methods involve solution based preparation routes and characterization of microstructure. The results of the experiment will be compared with density functional computation. It is expected that a comparison of experimental and computational data on these oxide microstructures will be helpful for fundamental understanding of site occupancy of boron in semiconducting oxide lattice and improvement of device characteristics based on these materials.

6. Dr. Raghu Nath Beher

Thrust Area of the project : Theoretical and Computational Chemistry

Keywords: Organochalcogen, diselenide, GPxmimetics, ab initio method, antioxidant

Abstract: In this project, a computational study of the mechanism of the full catalytic cycle of some diaryldiselenide-based glutathione peroxidase (GPx) mimics, a promising class of organoselenium antioxidants, is proposed. The mechanistic investigation will be useful for understanding the complex chemistry at the active site of GPx and for designing novel antioxidants.

7. Gauranga Charan Samanta

Thrust area of the project: Modified gravity

Keywords: General relativity, cosmic acceleration, dark energy

Abstract: In this, we investigate the present cosmic acceleration of the universe from different aspects through some cosmological models by making some system of mathematical equations with the help of general relativity and modified gravity keeping in the mind in isotropic, homogeneity, anisotropy and inhomogeneity nature of the universe based on the different form of dark energy and bulk viscous fluid. The physical and geometrical properties of the resulting cosmological models of the universe are to be validate with the help of observational data.

8. Dr. Pravin Singru

Thrust Area of the project: Musical Acoustics

Keywords : SarasvatiVeena, vibro-acoustics, acoustic signatures, FFT, sound radiation

Abstract : We aim to characterize the tonality of the sound of the SarasvatiVeena of South India, a stringed musical instrument. The acoustic signatures will be extracted from a study of its spectrum. A mathematical modeling of the string vibrations with end points at the curved bridge and fret will used to explain the origin of the special features of the spectrum. We will also carry out a detailed experimental study of the vibrations of the sound board (the surface of the resonant chamber). The resonant cavity will be modeled and the modes will be determined analytically to compare with experimental results. We will map the sound radiation from the instrument. This will result in an acoustic characterization of the instrument along with parameters for standardizing the construction and determining key properties for customization.

9. Dr. Ethirajulu Senthamarai Kannan

ThurstArea : Gas Sensors

Key words: Molybdenum-di Sulphide, Reduced Graphene Oxide, Hydrogen storage and Detection

Abstract : In this project, we propose to employ a composite of reduced graphene oxide (RGO) and Molybdenum di-sulphide (MoS₂) for developing highly sensitive hydrogen detector and simultaneously utilize the

highly porous structure of RGO for storing Hydrogen (H₂). The structural integration of MoS₂ Nanoparticle (NPs) in RGO matrix is expected to enhance the storage capacity and sensitivity to H₂ by increasing the interlayer spacing and active sites in RGO. The successful implementation of the project will be a great step forward in making Hydrogen as an affordable fuel of choice.

10. Dr. Ram Shanker Patel

Thrust Area of the project : Spintronic Devices (Experimental Condensed Matter Physics)

Keywords : Spin Seebeck Effect, Spin Caloritronics, layered materials

Abstract Seebeck Effect is a phenomenon that generates potential difference proportional to the temperature difference across the materials. Here flow of charge carriers due to thermal energy difference results in the observed potential difference. These charge carriers also have spin. Spin caloritronics aims to achieve smaller, faster and energy efficient device structures by exploiting the spin property of the electrons and holes. We aim to explore Spin Seebeck effect in heterostructures. We propose to use 2d layered materials for spin signal measurements.

11. Dr. Utpal Roy

Theme: Antifungal drug-discovery.

Abstract: New lipopeptide homologue with broad-spectrum antifungal activities against *Candida* and *Cryptococcus* spp. was purified from *Bacillus subtilis*. The purification and functional characterization studies demonstrated that the antifungal lead bioactive molecule has the potential to combat multidrug-resistant *Candida* threat. The new antifungal has potent antifungal/antibiofilm activity against *Candida* strains, indicating that further evaluation of this promising antifungal is warranted.

12. Dr Kundan Kumar

Screening, isolation and identification of novel antimicrobial compounds from potential mangroves of Goa (CSIR EMR)

Thrust Area of the project: Plant Biotechnology

Keywords: Plant secondary metabolites, Mangroves, Bioactive compounds

Abstract : Extracts from different mangrove plants are reported to possess diverse medicinal properties such as antibacterial and antifungal properties. Attempts were made towards isolation of antimicrobial compounds from the bestow mangrove flora of Goa. Plant parts of 14 mangrove species of Goa were tested against pathogenic bacterial strains, fungi of clinical importance and novel compounds from the identified mangrove species will be isolated and identified.

13. Dr Kundan Kumar

Research project Study on the role of Tonoplast Intrinsic Protein family members in arsenite accumulation and their transport in rice (BRNS)

Thrust Area of the project: Plant Biotechnology

Keywords: Rice, Aquaporins, TIPs

Abstract : A detailed understanding of how AsIII transmembrane transport and toxicity is modulated will be helpful in designing strategies for reducing the arsenic content in food crops. This study can provide us a cue for the role of identified Tonoplast Intrinsic Proteins (TIPs) in As transport in rice as a whole and probable mechanism on how basically these transporter proteins can be utilized for lowering As content in rice grains. Finally the aim of the proposal is to produce rice plants with less arsenic content in shoots in comparison to the wild types.

14. Dr Prasanna Kumar

Title of the Project: A Study on the Inequalities Involving Complex Polynomials

Funding Agency/Amount : National Board for Higher Mathematics/ 13.041 lac (Indian Rupees thirteen lac four thousand and hundred)

Thrust Area of the Project; Complex Analysis

Key Words: Polynomials, Inequalities, Zeros

Abstract: Let $P(z)$ be a complex polynomial of degree n having zeros within or on or outside specific region in the complex plane. In this project, we shall estimate bounds in more generalized form involving the derivative of a complex polynomial.

15. Dr. Prasanna Kumar

Title of the Project: Bernstein Type Inequalities for the Polar Derivative of a Polynomial

Funding Agency/Amount: Council of Scientific & Industrial Research (CSIR), Govt of India / Rs 16.46 lac

Thrust Area of the Project; Complex Analysis

Key Words: Polynomials, Inequalities, Polar derivatives

Abstract: In this project, we study on new bounds concerning the maximum moduli of f complex polynomials and their polar derivatives with restricted zeros. These results will generalize and refine upon all the earlier results.

16. Dr. S D Manjare

Thrust Area: Process Systems Engineering

Key Words: Urrakh, Feni, cashew apple, fermentation, distillation

Abstract : Feni, a drink distilled from the juice of cashew apples and toddy or coconut sap, is an integral part of Goan culture, and is probably India's best known local liquor. It has got medicinal properties, and has been recommended by locals for stomach problems, fever and throat infections. However the feni-making industry is largely unorganized, scattered, and family-owned. There are different production techniques that different distillers use, which gives different varieties of feni a flavor and character that are uniquely their own. Also, the product testing mechanisms vary across the producers.

The cashew feni has proved to be a foreign exchange earner in Goa. Therefore there is a good scope for setting up export-oriented liquor making units in cashew and coconut growing areas. This will help the farmers to get market for cashew. This will further help in generating more employment opportunities in rural areas.

In view of above it is important that the feni production methodology currently at micro level in numerous locations scattered over the state needs to be changed, which is presently very crude and non uniform. This proposed work aims at improvement in the feni production. In this work the detailed experimental studies will be carried out to understand the improvement scope in feni production. Finally based on the project outcome, the recommendations would be made to the stake holders regarding the up gradation of the feni production methodology.

17. Dr. Teny John

Thrust Area of the Project : Thin film solar cells

Keywords : CZTS, co-evaporation, flexible solar cells, absorber layer

Abstract: Kesterite based solar cells are attracting considerable attention recent years, owing to the reduced toxicity and greater abundance of their constituent elements. This p-type semiconductor, $\text{Cu}_2\text{ZnSnS}_4$ (CZTS) can be viewed as a derivative of the chalcopyrites (CuInS_2 or CuInGaS_2) in which, the less abundant elements, In or Ga, are replaced with more available Zn and Sn. The project aims at fabricating flexible solar cells with structure flexible substrate/ ITO/CZTS:Na/ In_2S_3 /ZnO:In/Al(Ag). Structural, optical and electrical studies will be done independent layers as well as solar cells.

18. Gaurav Singh

Name of the Co-PI :SubhasGhosal (BITS Pilani – Hyderabad Campus)

Title of the project :Crack growth direction in amorphous silica under extreme temperature using molecular mechanics

ISRO project number :ISRO/RES/3/727/16-17

Thrust Area of the project :Fracture Mechanics

Keywords :TPS, RLV, fracture, silica, molecular dynamics

Abstract :The Thermal Protection System (TPS) for the Reusable Launch Vehicle (RLV) majorly made of amorphous silica tiles, is exposed to temperatures beyond its true reuse limits, causing embrittlement, slumping of edges etc. This lack of TPS robustness and resiliency would result in repair/replacement times and man-hours. The prediction of crack growth direction at the continuum level isn't accurate enough with the existing

criteria. So, atomic-level MD simulations are used here, and the effect of extreme temperatures on crack propagation in the TPS of the RLVs can be studied at the atomic scale.

19. Dr Gaurav Singh

Title of the project :Higher overall stiffness of triangular shaped ductile/brittle lattice composite structure compared to square and hexagonal shaped structure

SERB Fine No. : ECR/2017/000037

Thrust Area of the project :Composite Mechanics

Keywords :statistical, composites, mechanics, epoxy, stiffness

Abstract :Composites are generally made of weaker/lighter matrix and stronger/heavier reinforcement as a compromise between weight and strength. In an earlier work of mine, it was analytically claimed that a triangular shaped lattice composite structure will yield a higher overall stiffness compared to a square shaped lattice composite for the same statistical strength. In this work, the above claim is to be experimentally verified by fabricating and testing a copper/epoxy lattice composite structure as closely to the theoretical model.

20. Dr. Prasanta Kumar Das

Title: Signature of space-time noncommutativity in high energy colliders

Project Ref. No: EMR/2016/002651

Thrust Area of the project: Plasma High Energy Nuclear Physics & Astrophysics

Keywords 3/4: Noncommutative space-time, Higgs boson, High Energy electron-positron and proton-proton collider.

Abstract (4/5 lines maximum 100 words): The idea that the fundamental scale of gravity can be as low as TeV (1 TeV = $1.0E+12$ eV) in extra-dimensional models, the space-time noncommutativity arises at the TeV scale, have drawn a lot of attention among the physics community. The non-commutative space-time may lead to the azimuthal anisotropy in the distribution of particle scattering cross-section. The high energy (TeV) electron-positron linear collider and proton-proton large hadron collider can play an important role in probing this space-time anisotropy at the TeV scale. This present project is aimed to investigate this space-time anisotropy in the context of LC and LHC.

21. Dr. Gauri A.(Mentor Dr Meenal Kowshik)

Title: Novel sustained release biodegradable polymer-coated urea and zinc nanofertilizers for synchronizing fertilizer uptake, improving productivity and prevention of bacterial wilt disease in chilli (*Capsicum annum* L.).

Funding agency: Science and Engineering Research Board, Department of Science and Technology, FILE NO. PDF12016/001893

Thrust Area of the project: Nanobiotechnology

Keywords 3/4: Nanofertilizers, Urea, Zinc, Chitosan

Abstract : In this project, using chitosan, highly stable and sustained release urea and Zn nanofertilizers will be synthesized and their release kinetics will be studied in the soil. At present, the release kinetics of chitosan-Zn nanofertilizer is in progress. Improvement of growth and physiological parameters in *Capsicum annum* L. in the presence of nanofertilizers will be studied under greenhouse conditions. The project will investigate effects of nanofertilizers on rhizosphere bacteria and define a minimal dose effective for promoting growth in *C. annum* L. Further, nanofertilizers crosslinked with antivirulence compounds against the Bacterial Wilt pathogen *Ralstoniasolanacearum* will be synthesized and tested.

Abstract of Projects: Hyderabad Campus

Dr. Sajeli Begum

1. Title of the Project: Investigations on pro-inflammatory cytokine inhibitory low molecular weight metabolites of *Pseudomonas* sp. ABS -36 for the treatment of renal injury
2. Funding Agency: DST
3. Total Sanctioned amount: 2437000/-
4. Duration: 3years
5. Status: ongoing

6. Objectives: 1.To isolate low molecular weight metabolites from the culture broth of Pseudomonas sp. ABS-36strain2.To perform cell based in-vitro assays on isolated compounds to identify pro-inflammatory cytokine inhibitory molecules targeting TNF- α , IL-1 β and IL-6.3.To study the effect of potential compounds (based on in-vitro result) under renal inflammatory animal models.

Dr. Jayanti Subbalakshmi:

1. Title of the Project: Synthesis, study of optical properties and Anticancer activity of unique di-substituted tetracyanoquinodimethanes
2. Funding Agency: DST
3. Total Sanctioned amount: 2574605/-
4. Duration: 3years
5. Status: ongoing
6. Area of research:Organic – Physical chemistry
7. Key words: Synthesis, Characterization, Fluorescence, Anti-cancer activity
8. Objectives:(i) Design, Synthesis and characterization of mono and di-substituted TCNQ's,
(ii) Study of optical properties
(iii) Investigation on anticancer potential of library of compounds synthesized
9. Deliverables: Over 12 molecules have been synthesized and Characterized. Fluorescence and Anti-cancer activity studies are under progress.

Dr. V. Vamsi Krishna Venuganti:

1. Title of the Project:Development of a Non-invasive biodegradable polymeric microprojection ocular patch for effective corneal delivery of anti-microbial agents to treat fungal infections of eye
2. Funding Agency: ICMR
3. Total Sanctioned amount: 4225150/-
4. Duration: 3years
5. Status: ongoing
6. Area of research : Drug Delivery
7. Key words :Ocular infections, corneal drug delivery
8. Objectives: To design, fabricate and develop a drug delivery device suitable for ocular drug delivery
9. Deliverables: Development of new drug delivery system

Dr. Vidya Rajesh:

1. Title of the Project: Polymorphism Studies and Molecular Characterization of the Plasmodial Rhopty Neck Protien (RON 2) from Indian field Isolates.
2. Funding Agency: DST-SERB
3. Total Sanctioned amount: 3492000/-
4. Duration: 3years
5. Status: ongoing
6. Area of research :Molecular Parasitology
7. Key words : RON 2, Polymorphism, Plasmodium, Malaria.
8. Objectives:
 1. To investigate polymorphisms in Rhopty neck protein 2 (RON-2) of Plasmodium from field isolates from different parts of India.
 2. To compare the polymorphism, if found, with reported data from non-Indian strains.
 3. Classification and identification of alleles and haplotypes found in different geographic locations in India.
 4. To investigate the impact of polymorphism on the structure, function and immunogenicity of RON 2. This proposal aims to characterize the sequence diversity and mechanism of selection of RON 2

gene in both Plasmodium falciparum and Plasmodium vivax from different parts of India and establish the antigenic repertoire of this protein and characterizing its implications in terms of its structural, functional and immunological significance. Insights obtained through this study on RON-2 would help in achieving a more comprehensive knowledge about the vaccine candidates of Plasmodium from India.

9. Deliverables: Knowledge addition to the field leading to Publications and conference presentations.

Dr. N Anil

1. Title of the project: Development of an accurate and robust unstructured grid-based adjoint approach for compressible turbulent flows.
- 2 Funding agency: DST-SERB
- 3 Total Sanctioned amount: 15, 90, 600/-
- 4 Duration: 3 years
- 5 Status: Ongoing
- 6 Area of research : Mathematical Sciences
- 7 Key words (3-4 max): Compressible turbulent flows, RANS equations, Discrete adjoint method, Algorithmic Differentiation
8. Objectives:-
 1. Development of a finite volume compressible Reynolds-averaged Navier-Stokes (RANS) scheme and solver on unstructured grids.
 2. Validation of the primal RANS solver on standard test cases.
 3. Development of a tangent linear RANS solver based on Algorithmic Differentiation.
 4. Development of a discrete adjoint RANS solver based on hand-discrete and Algorithmic Differentiation techniques.
 5. Demonstrating the accuracy of the adjoint solver by comparing the adjoint sensitivities with the values obtained from finite differences and tangent linear solver.
9. Deliverables:
 1. Compressible RANS code on unstructured grids.
 2. Tangent linear and discrete adjoint derivative RANS codes.
 3. Demonstrating the performance of the above codes on standard test cases.

Dr. Sabareesh G R

1. Title of the project: Developing a web portal for power curve guarantee test
- 2 Funding agency: MYTRAH Energy India
- 3 Total Sanctioned amount: 148995/-
- 4 Duration: 1 year
- 5 Status: completed
6. Area of research : Wind Energy
7. Key words (3-4 max): Wind Energy, Power Curve Guarantee Test, Wind Turbine Performance
8. Objectives:
 1. Developing a Web Portal for Power curve Guarantee Test.
 2. The purpose is to provide a uniform methodology that will ensure consistency, accuracy and reproducibility in the measurement and analysis of power performance by wind turbines.
9. Deliverables: Web portal for power curve guarantee test

Dr. Aruna Malapati

1. Title of the project: Web portal for downloading the reanalysis data & long term correlation with measured data
- 2 Funding agency: MYTRAH Energy India
- 3 Total Sanctioned amount: 148995/-
- 4 Duration: 1 year
- 5 Status: completed

6. Area of research : Software Development
7. . Objectives: To be able to download MERRA-2 and ERA data specific to a particular latitude and longitude.
8. Deliverables: A web portal for the same that would have the following -
 1. A Google Map with coordinate markers of all the MERRA-2 and ERA nodes for the respective maps.
 2. Check boxes to check the desired parameters.
 3. The ability to specify the latitude and longitude of the windmill.
 4. The ability to specify the required time duration.
 5. The final data has to be downloaded in the form of an excel file.
 6. If the data was downloaded previously and a similar query is fired in the future then the excel sheet is generated without additional data getting downloaded.

Dr. Soumya J

1. Title of the Project: STRATEGIES FOR FAULT-TOLERANT NETWORK-ON-CHIP DESIGN
2. Funding Agency: DST-SERB under ECR scheme
3. Total Sanctioned amount: Rs. 2593140/-
4. Duration: 3years
5. Status: ongoing
6. Area of research : Engineering Sciences (Embedded Systems)
7. Key words (3-4 max): System-on-Chip, Network-on-Chip, Fault-Tolerance, Application Mapping, Application-Specific NoC, FPGA
8. Objectives:
 - A methodology to gather fault behavior of different NoC topologies
 - Fault-tolerant mapping of applications onto regular NoC topologies like Mesh, Mesh-of-Tree and Butterfly-Fat-Tree
 - Fault-tolerant application-specific NoC synthesis
 - Implementation of the proposed methodologies on FPGA platform and validation with state-of-art methodologies
9. Deliverables:

In this study, methodologies and Techniques for fault-tolerant mapping and synthesis will be developed and implementations of the same on FPGA will also be explored. The interesting findings will be published in top most peer reviewed journals in the field. Due to the nature of the problem, it is very much likely that several industries will be interested. Once the project reaches some level of maturity, relevant companies will be contacted for possible participation/collaboration in the project. Since there are no standard techniques for designing fault-tolerant NoC, the results obtained from the proposed methods can be used as the basis for designing practical systems where the fault occurrences are likely to be more. The FPGA implementation methods can be used as the basis in advanced courses such as Interconnection Networks for developing laboratory experiments. The research results will also be used for demonstration purposes to the interested undergraduate and postgraduate students to explore further.

Dr. Ramakrishna Vadrevu

1. Title of the Project:Protein structure and stability modulation due to In-Cell and InVitro Crowding: Molecularinsights on the origin of the effects of crowding
2. Funding Agency: DST-SERB
3. Total Sanctioned amount: 5436000/-
4. Duration: 3years
5. Status: ongoing
6. Area of research :Life Sciences: Molecular Biolgy/Biophysics
7. Key words :Protein Stability, cellular crowding; NMR
8. Objectives:

1. To evaluate the structural changes in the presence of two most commonly used crowding agents, Ficoll-70, a 70 kDa a spherical polysaccharide and Dextran, an elongated polysaccharide.
 2. To interrogate the effect on the stability in the presence of the crowding agents (in-vitro approach) and compare with data from dilute buffer conditions.
 3. To obtain residue specific information on the changes in structure and stability under dilute buffer and (in-vitro) crowding conditions (Ficoll & Dextran)
 4. To derive and compare the structural and stability changes under in-cell conditions
9. Deliverables: Deliverables: The proposed project is targeted towards achieving a detailed understanding of consequences of crowding in altering the structure, stability and folding.

At this juncture of contrasting observations and new hypotheses, the proposal is well timed at gaining insights not only on the role of in-vitro crowding but also on in-cell crowding. The observations obtained from our model system will be extended to representative proteins varying in topology and size to draw generalizations.

Prof. Naga Mohan K

Prof. Sajeli Begum A:

Title of the Project: Investigation of Knowledge on Dengue Fever Followed by Education and its Post Impact Behavioral Changes Among the Rural Communities of Shameerpet Mandal of Ranga Reddy District of Telangana State

2. Funding Agency: ICMR-ICSSR
3. Total Sanctioned amount: 1089792/-
4. Duration: 2017-2019
5. Status: ongoing
6. Area of research: Pharmacy, Economics & Social science
7. Key words (3-4 max): Dengue fever, KAP, rural community, prevention and control
8. Objectives:
 1. To investigate the current knowledge level on dengue fever related to its cause, symptoms, mode of transmission, preventive measures, treatments, etc.
 2. To design and conduct community-based health education interventions for control of dengue fever.
 3. To study the post behavioral changes among the community and evaluate the effectiveness of the community-based education.
9. Deliverables: The existing knowledge and life practices of selected (8 villages) population towards prevention and control of Dengue fever will be upgraded

Dr. Swati Alok

1. Title of the Project: Career Persistence of Indian Women Professionals in Information Technology (IT) Sector: Brakes Accelerators, Challenges and Opportunities
2. Funding Agency: ICSSR
3. Total Sanctioned amount: Rs. 200000 /-
4. Duration: 1 year
5. Status: ongoing
6. Area of research: Management and Economics (Strategy, behavior, policies, development)
7. Key words: Career, Women Professionals, Persistence, Antecedents
8. Objectives:
 - i. To study how the social factor like family support system acts as inhibitors, enablers to career persistence of working women professionals.
 - ii. To explore the role of their internal factors in pursuing career goals.
 - iii. To correlate antecedent's factors (social, internal, structural, socio-demographic) on career attitude and career persistence.
 - iv. To design a framework to create a gender inclusive working environment at the workplace.

9. Deliverables:

1. Know the enablers and barriers that contribute to career persistence among technical women professionals.
2. To propose a multi-dimensional framework for stakeholders – individuals, organizations, society and the government for retaining women talent pipeline.

Dr. Swati Biswas

1. Title of the Project: "Understanding the Role of Antimicrobial peptide S100A12 (Calgranulin C) Mediated Host Defense in Pseudomonas Keratitis and Developing Nano-tools for Efficient Delivery of S100A12
2. Funding Agency: DST
3. Total Sanctioned amount: Rs. 5500600 /-
4. Duration: 3 years
5. Status: ongoing
6. Area of research : Drug Delivery to the Eye
7. Key words: ocular, bacterial keratitis, drug delivery, anti-microbial peptide
8. Objectives: The role is to deliver an antimicrobial peptide to the ocular surface following a strategy that would improve the drug retention time in cornea, improve tissue penetration, and result in enhanced therapeutic efficacy
9. Deliverables:
 - a. Development of formulation strategies to deliver an antimicrobial peptide in cornea
 - b. Development of peptide nano-formulations for the treatment of bacterial keratitis

Dr. Mohan SC

1. Title of the Project: Improving the seismic performance of dynamically similar buildings using damper connected control technique
2. Funding Agency: DST-SERB
3. Total Sanctioned amount: Rs.4314540
4. Duration: 36 months
5. Status: ongoing
6. Area of research : Earthquake Engineering
7. Key words : Seismic performance, dynamically similar buildings, coupling technique, optimal damper configuration
8. Objectives:
 - To find an economically efficient way of connecting the dampers between the dynamically similar buildings to improve their seismic performance.
 - To numerically compute and compare the seismic response of two dynamically similar adjacent buildings connected through dampers with different configurations.
 - To identify the optimum number of dampers and optimal damper locations for each of its configurations, that can make the system more efficient to resist earthquake.
 - To verify the effectiveness of the proposed technique through experimental study and correlating with numerical results.
9. Deliverables:
 - A connected control technique for improving the seismic performance of similar adjacent buildings using damper connection.
 - Methodology to find the optimal damper connection location for effective reduction of seismic response.
 - Experimental verification of the proposed technique on prototype structures tested using shake table and comparative report with numerical results.

Dr. Sumit Kumar Vishwakarma

1. Title of the Project: Comparison of Phase velocities of Rayleigh waves, Love waves and Torsional waves in various anisotropic geo-media
2. Funding Agency: SERB-DST

3. Total Sanctioned amount: 1366800
4. Duration: 3 years (2017-2020)
5. Status: ongoing
6. Area of research : Seismic Wave Propagation/ Seismology
7. Key words (3-4 max): Rayleigh waves, Love waves, Torsional waves, phase velocity, dispersion equation, anisotropic medium
8. Objectives:
 - To find the dispersion equation of Love wave, torsional wave, Rayleigh waves, P and S wave in fluid saturated porous medium, monoclinic medium, orthotropic medium and reinforced medium.
 - To evaluate the effect of initial stress (tensile and compressive), corrugated boundary planes, rigid surfaces and gravity on the seismic wave propagation.
 - To investigate the reflection and refraction of seismic waves in different medium especially when medium exhibits inhomogeneity in various forms.
 - Stoneley wave and G-type seismic wave will be attempted to investigate.
 - Propagation of cracks due to seismic waves in various medium will also be investigated.
9. Deliverables:
 - Frequency equations involving inhomogeneous parameters and their mutual relationship with the rigidity, density and phase velocity of the waves.
 - Impact of Initial stress, corrugated boundary planes and gravity on the Group velocity and phase velocity of the waves.
 - Graphical user Interface based on the outcomes of the derived results.
 - Effect of rigid boundary plane on the propagation of Seismic wave through various geo-media.
 - Propagation characteristic of Stoneley & G-type wave.
 - Movement of cracks and punches due to seismic waves in various medium.
 - Important information about the layered earth structure and boundary surfaces.
 - Help in information about the configuration of rocks for exploration of petroleum, earthquake disaster prevention and signal processing.

Dr. R .Parameshwaran

1. Title of the Project: Cryogenically-conditioned micro and nanoencapsulated phase change material Slurries for cool thermal energy storage applications
2. Funding Agency: DST-SERB ECR
3. Total Sanctioned amount: 2776340/-
4. Duration: 3years
5. Status: ongoing
6. Area of research : Thermal Energy Storage, Nano and Micro encapsulation, Energy Efficiency in Buildings.
7. Key words (3-4 max): Phase change material slurries, cryogenically conditioned, Microencapsulation, nanoencapsulation, Thermal and thermophysical properties
8. Objectives:
 - To develop cryogenically conditioned micro and nanoencapsulated phase change materials as slurries for cool thermal energy storage.
 - To address the challenges related to the wide operating temperature ranges of the (Cryo-CMS) from cryogenic temperatures (~77 K) to the room temperature (~283 K).
 - To study, characterize and demonstrate the properties of thermal storage, thermo-kinetic, heat transfer enhancements and rheology of the Cryo-PCMS for CTES applications through optimal design, simulations and experimentation.
9. Deliverables: Research publications, Ph.D./M.Tech Dissertation, Technical documents, Process Improvement, Efficiency improvement

Prof. N. Rajesh

1. Title of the Project: Efficacy of Appropriately Tailored Biopolymer and Carbonaceous Adsorbents for the Separation and Recovery of Europium

2. Principal Investigator: Prof.N.Rajesh
3. Funding Agency: Department of Science and Technology (DST), India
4. Total Sanctioned amount:29059370/-
5. Duration: 3 years (2017-2020)
6. Status: Ongoing
7. Area of research: Inorganic chemistry
8. Key words (3-4 max): Europium, Extraction, Recovery
- 9 Objectives:
 - Isolation / Selection of few representative microbial strains
 - Immobilization of the above microorganisms / biomasses in typical biopolymers (e.g., chitosan, cellulose/cyclodextrin etc.), and graphene oxide.
 - Regeneration of the adsorbents through selective recovery of europium
 - Application studies to recover europium from phosphor powder as well as from fluorescent lamps and a simulated radioactive waste.
10. Deliverables:
 - This directed application oriented research to emerge as a viable alternative to conventional solvent extraction in the technological recovery and recycling of precious rare earths.
 - The methods would be applied to recover Europium selectively from phosphor powder and from a simulated radioactive waste.
 - The research outcome is expected to lead to the award of PhD for the selected project fellow. The results of the research work would be presented in national and international conferences and also published in peer reviewed high impact international journals.

Dr. ArshadJaved

1. Title of the Project:Application of topology optimization to enhance energy efficiency and performance of industrial manipulator
2. Funding Agency: DST
3. Total Sanctioned amount:Rs. 29,43,600/-
4. Duration:3 years (03-Aug-2017 to 03-Aug-2020)
5. Status: ongoing
6. Area of research: Topology Optimization, Industrial Robotics
7. Key words : Industrial robot, Energy efficiency, Topology optimization, Lightweight robot arm
8. Objectives:
 - Develop a methodology for topology optimization of robotic-links.
 - Design lightweight robotic-links using the developed methodology.
 - Develop a relation between topology optimization parameters, robot performance and energy consumption.
 - Develop a methodology (or guideline) for material reduction from moving mass of a readymade industrial robot.
 - Develop an experimental setup for topologically optimized 3-degree of freedom TRR-manipulator to validate the methodology.
9. Deliverables:
 - Obtain a generic methodology to develop light weight robotic-links for less energy consumption and higher accuracy
 - Achieving a methodology or guideline to reduce the weight of an existing (readymade) industrial robot.
 - With the help of lightweight industrial robot the energy consumption will be reduce by at least 10-20%.
 - Development of online sensing system for link-parameter.
 - Peer reviewed Journal Publication – 1 to 2
 - Conference Publications – 2
 - Ph.D.-1
 - UG & PG projects – 2

Dr. Balaram Ghosh

1. Title of the Project: Development of HDAC3 selective inhibitor for enhancement of learning and memory
2. Funding Agency: SERB (DST)
3. Total Sanctioned amount: Rs. 29.87 Lakhs
4. Duration: August 2017 to July 2020
5. Status: ongoing
6. Area of research : Medicinal Chemistry
7. Key words HDAC3 inhibitor, learning and memory, epigenetics
8. Objectives: Development of learning and memory enhancing molecules
9. Deliverables: therapeutics for the patients with learning and memory deficits.

Dr. SouvikKundu

1. Title of the Project: METAL-OXIDE AND NANOCOMPOSITE BASED LOW-POWER NON-VOLATILE SWITCHING DEVICE: A NOVEL APPROACH
2. Funding Agency: BOARD OF RESEARCH IN NUCLEAR SCIENCES (BRNS), GOVERNMENT OF INDIA, DEPARTMENT OF ATOMIC ENERGY (DAE)
3. Total Sanctioned amount: 34,90,650/- Rs.
4. Duration: 3 Years (2017 to 2020)
5. Status: ongoing
6. Area of research: Electronic Devices
7. Key words (3-4 max): Non-volatile memory, Resistive Switching, Electronic Materials
8. Objectives: The main objective of this project proposal is to develop a resistive non-volatile switching memory both on rigid as well as flexible substrates which can retain the electronic charges for long time, operate at very high-speed and offer low-voltages of operation and also to understand key design rules during fabrication process through modelling/simulation routes to evaluate the electronic materials and device performances.
9. Deliverables: A. Technical: Research agenda: The most important parameters which are required in NVM devices are the improvement in resistive switching, retention time, endurance, on/off ratio, and crossbar issues. However, simple and low cost processing technology is required towards fabrication of low power NVM devices. Thus, these competing factors of performance, economics, and reliability have to be addressed in the optimum manner to provide further advancement of NVMs.
Task I: Development of the optimum fabrication process
Task II: Fundamental understanding of the NVM working mechanism
Task III: Understanding the structure-property relationships
B. Knowledge Dissemination
International Journal publications: 3; Conference publications: 3; Research Fellow: 1; UG/PG Thesis: 2

Dr. Sabareesh G R

1. Title of the Project: Development of meta-material base support
2. Funding Agency: Defense Machinery Development Establishment (DMDE), DRDO
3. Total Sanctioned amount: Rs 13,80,000
4. Duration: 15 months
5. Status: ongoing
6. Area of research : Mechanical Engineering- Vibrations
7. Key words Vibration Isolation, Meta-material Structures, Visco-elastic materials, Rotating Machinery
8. Objectives:
 - Develop an experimental test piece of the meta-material beam, characterise it by obtaining FRF of beams
tip deflection for different base excitation, compare the amplitude of vibration attenuation with that of a normal identical beam

- Examine the damping characteristics and wave propagation characteristics and develop a 1-D mathematical model of the same and validate with experimental results
 - Extend the 1-D model to 2-D model and then compare the results with the experimental case
 - Manufacture a base isolation system using the meta-material beam, test it by mounting the same below a rotating machinery and examine its damping and wave propagation characteristics
9. Deliverables: A meta-material base isolation system capable of attenuating vibrations from structure

Prof. Manab Chakravarty

1. Title of the Project: Investigations on naphthalene and anthracene based phosphonates/ phosphates: important sources for alkene based new AIEgens and polyaryllalkanes

2. Funding Agency: CSIR

3. Total Sanctioned amount: 1700000/-

4. Duration: 3 years

5. Status: ongoing

6. Area of research :Organo-physical chemistry

7. Key words (3-4 max): Fluorescence, phosphonates, anthracene, naphthalene

8. Objectives:

- To synthesize few additional naphthyl or anthracenylphosphonates by using our recently developed acid-mediated arylation approach
- To apply these phosphonates in reacting with a base to produce phosphonate carbanion that is conveniently oxidized to produce aldehydes or ketones by oxygenation (oxy-Wittig) reactions. Thus, we will produce the corresponding new naphthalene or anthracene linked ketones which will satisfy the demand in the diversity of ketones
- These ketones will be used in low valentTi(0) based McMurry coupling, Corey-Fuchs, and the two-step reaction sequence to produce a variety of bulkier alkenes. The synthesized alkenes will be studied for AIE activity and the probable reason will be explored by single crystal X-ray analysis, fluorescence lifetime measurement etc.
- Completely new tetra-anthracenylalkene and anthracenylheteroaryl tri/tetraalkenes will be synthesized using McMurry homo coupling reactions using the dianthracenylketones and the photophysical studies will be conducted for these new alkenes
- Being an important core, pyrene will be introduced to these alkene systems as a new substituents and study the fluorescence properties. In fact, one alkene can be substituted with all three (anthracene, pyrene and also naphthalene) polyaromatic hydrocarbons (PAH) and that could be an important PAH material
- All these compounds will be screened for selective metal ions (mainly hetero atom linked compounds), explosive and nonpolar volatile organic compound sensing and possibly for biological imaging applications
- The naphthyl and anthracene based carbonyl compounds will be utilized in phospho-Brook rearrangement to generate phosphates and the same will be utilized in Friedel-Crafts arylation reactions to produce polyaryllalkanes conveniently.
- The polyaryllalkanes will be studied to verify its AIE activity as a new entity although there is no extended conjugation; however, these compounds will probably show interesting photophysical properties due to the presence of fluorophore in the system and will also be screened as anticancer agents. The diaryllalkanes can also be utilized to generate the corresponding alkenes by two-step reaction sequence as mentioned above.

9. Deliverables: The organic functional materials are expected to come out at the end of this project. Some of these anthracene/ naphthalene based compounds would be useful for the industry related to organic light emitting diode applications. In fact, the light emitting materials in the solid state will be interesting for most of the organic electronics related companies such as GE. In addition, the polyaryllalkanes will draw the attention to the pharmaceutical industry.

Dr. V. Vamsi Krishna Venuganti:

1. Title of the Project: Preparations and Characterization of a topical gel formulation of topical gel formulation of IS107

2. Funding Agency: ISSAR Pharmaceuticals

3. Total Sanctioned amount: 563500 /-
4. Duration: 6months
5. Status: ongoing
6. Area of research : Formulations development
7. Key words: Topical application, hydrogel formulations peptide drugs
8. Objectives: To prepare a stable hydrogel formulations for topical application of peptide drug
9. Deliverables: Formulations development

Dr. V. Vamsi Krishna Venuganti:

1. Title of the Project: Development and characterization of a topical formulations
2. Funding Agency: ISSAR Pharmaceuticals
3. Total Sanctioned amount: 979400 /-
4. Duration: 12months
5. Status: ongoing
6. Area of research : Formulations development
7. Key words: Topical application, hydrogel formulations peptide drugs
8. Objectives: To prepare a stable hydrogel formulations for topical application of peptide drug
9. Deliverables: Formulations development

Dr. V. Vamsi Krishna Venuganti:

1. Title of the Project: Transcutaneous delivery of liraglutide using zeinmicroneedle array
2. Funding Agency: NatcoPharma
3. Total Sanctioned amount: 2242500 /-
4. Duration: 12months
5. Status: ongoing
6. Area of research : Drug delivery
7. Key words: Transdermal drug delivery peptide drugs
8. Objectives: To design, fabricate and develop delivery device to transport peptide drug through skin
9. Deliverables: Development of new drug delivery device

Dr. V. Vamsi Krishna Venuganti:

1. Title of the Project: Development of pH-responsive smart capsule containing targeted multilayer film for drug delivery: The proof-of-concept study in colorectal cancer model .
2. Funding Agency: DST-SERB
3. Total Sanctioned amount: 5554225/-
4. Duration: 36months
5. Status: ongoing
6. Area of research : Drug delivery
7. Key words: Cancer, drug delivery, targeting
8. Objectives: To prepare capsule-based system to delivery chemotherapeutics to colorectal cancer Effectively
9. Deliverables: Development of new drug delivery system

Dr. K Rajitha

1. Title of the Project: Coastal wetland characterization using L and S band polarimetric SAR data
2. Funding Agency: Department of Space, Space Application Center
3. Total Sanctioned amount: 1358000/-
4. Duration: 3 Years

5. Status: ongoing
6. Area of research : Microwave remote sensing of coastal wetland identification using airborne data
7. Key words (3-4 max): SAR, wetlands, L and S band
8. Objectives: To devise a vertical system based classification scheme using hierarchy approach for coastal wetlands by combining the optimal SAR parameters derived from the current study and existing spectrally derived classes by adopting the decision tree classification method.
9. Deliverables: The project targets to modify the existing classification scheme of coastal wetlands by adding more parameters related to hydrology and vegetation characteristics of coastal wetland which are vital for understanding the bio-geo-chemical cycle of the wetland eco-system.

Dr. Karthik Chethan V

1. Title of the Project: Comparison of phenolic resin from two sources for their properties
2. Funding Agency: Advanced Systems Laboratory, DRDO-cars, Hyderabad
3. Total Sanctioned amount: Rs. 979200/-
4. Duration: 12 months
5. Status: ongoing
6. Area of research : Advanced Composites (Materials Science)
7. Key words : Phenolic Composites, polymerization, Porosity and Materials Characterization
8. Objectives:
 - To evaluate neat uncured resin obtained from two sources for physical and chemical properties.
 - To study and compare the cure behavior and pore evolution of resins obtained from two sources.
 - To study and compare the physical and thermal properties of cured samples of resins obtained from two sources.
9. Deliverables:
 - i. Physical and chemical characterization of resins obtained from two sources (viscosity, solid resin content, point of trouble, free phenol and formaldehyde content, hydroxyl value, sodium content and molecular structure will be conducted and studied).
 - ii. Cure behavior and pore evolution of resins obtained from two sources (gel times, cure kinetics, degree of cure and pore evolution will be conducted and studied for different time-temperature profiles).
 - iii. Physical and chemical characterization of cured resins obtained from two sources (density, molecular structure, heat capacity, glass transition temperature, thermal conductivity and thermal

8. Research Related Seminar/ workshop conducted during the year 2017

Pilani Campus

S.No	Title of Seminar	Name of Department	Date
1.	basic principle of Flow Cytometry preceded hands on experimental demonstration of some selected FACS based experiments	Biological Sciences	18th -19th Jan 2017
2.	Introduction to Matlab and Simulink for Chemical Engineers	Chemical Engineering	February 4-5, 2017
3.	3 rd Workshop on Analytical Instruments for Chemical and Environmental Engineers (WAICEE – 2017)	Chemical Engineering	February 10-11, 2017
4.	Nano & Functional Materials: Interface between Science & Engineering (NFM-2017)	Department of Chemistry	16-18 November 2017
5.	Expert Lecture on Road Safety Issues and Case Studies on Road Safety and an Overview of Highway Capacity Studies	Civil Engineering	April 24, 2017
6.	State-of-the-Art on NDT Techniques of Pavement Evaluation and Innovation of Pavement Technologies for Construction and Maintenance	Civil Engineering	September 18, 2017
7.	Contemporary Themes in India's Economic Development & the Economic Survey (Krishna M.)	Ministry of Finance, Government of India	11-17 June 2017
8.	Kerala's Development Experience (Krishna	University of Calicut	10-11 January 2017

S.No	Title of Seminar	Name of Department	Date
	M.)		
9.	Eco Mod Modeling School course on Energy and Environmental CGE Modelingwith GAMS (Monika Gupta)	Eco Mod Modeling School in cooperation with the Singapore Institute of Statistics c/o Dept of Statistics and Applied Probability, National University of Singapore (NUS)	15 th Jan to 19 th Jan 2018
10.	System Dynamics Summer School (Monika Gupta)	System Dynamic Society at Massachusetts Institute of Technology (MIT)	11 th to 14 th July, 2017
11.	"Specifications to Silicon" by Mr. H.S. Jatana, Scientist/Engineer 'G', Group Head – Design & Process Group, SCL, Mohali), Dept of Space, Govt. of India, was the resource person.	EEE	28 th Oct. 2017
12.	CMOS Technology - Past, Present and Future, conducted by Prof. SouvikMahapatra, Professor at IIT Bombay	EEE	17 th Nov. 2017
13.	Pilot study: The need and approach	Management	9 Feb 2017
14.	Exploring positive organizational practices in Indian Engineering and Technology Institutes: The common coding paradigm approach	Management	9 Feb 2017
15.	Use of Social Media for Political Engagement: A Literature Review	Management	9 Feb 2017
16.	An overview of Government Policies and Programmes for Promoting Women Entrepreneurship in India	Management	16 Feb 2017
17.	Promoting Environmentally Sustainable Consumption Behaviour: An Intervention Study	Management	16 Feb 2017
18.	Assessing the dimensions of the Ethical leadership, Machiavellianism and Organisational Climate	Management	23 Feb 2017
19.	Select studies on scale development for Service Quality	Management	23 Feb 2017
20.	Examining the Linkage between Employee Creativity and Employee Engagement	Management	2 March2017
21.	A study of antecedents of luxury consumption among young Indian luxury consumers	Management	28 March 2017
22.	A study on Evolution and diffusion of Information and communication technology (ICT)	Management	20 April 2017
23.	Investigation of antecedents of luxury consumption in India	Management	20 April 2017
24.	Asset Liability Management- A review of theories and models	Management	20 April 2017
25.	Women Entrepreneurship in Indian MSME's: Questionnaire Development	Management	27 April 2017
26.	An investigation of Knowledge Management impact on Competitiveness: An empirical study of Indian Cement Industry	Management	1 May 2017
27.	Review of Innovation Indices	Management	1 May 2017
28.	Bass model and further refinement in the field of ICT diffusion	Management	2 May 2017
29.	Non-Performing Loans from an ALM perspective in the context of Indian commercial banking system	Management	2 May 2017
31.	Literature review on Business Excellence	Management	8 May 2017
32.	Dimensions for assessing Business Intelligence and Analytics (BI&A) maturity level	Management	5 May 2017
33.	Strategic Sourcing from Risk Management Perspective : A Study of Indian Automobile	Management	5May 2017
34.	Review of latest developments in the field of Psychological Capital and Organizational Virtuousness.	Management	12 Sep 2017
35.	Bank Risk and Moral hazard in the Indian Commercial Banking System	Management	12 Sep 2017
36.	Framework for estimation of demand model	Management	12 Sep 2017

S.No	Title of Seminar	Name of Department	Date
37.	Social Cognitive Determinants of ESCB: A Structural Equation Analysis	Management	12 Sep 2017
38.	Progress on Exhaustive literature review on Service Quality Dimensions of Indian Automotive after sales market	Management	18 Sep 2017
39.	Understanding how multi-sided platform firms have solved penguin problems	Management	18 Sep 2017
40.	Service Quality Literature: A Review	Management	21 Sep 2017
41.	Identifying various tools for pilot study in determining the antecedents and outcomes of the organizational climate.	Management	21 Sep 2017
42.	Working Capital Management	Management	21 Sep 2017
43.	Women Entrepreneurship in Indian MSME's: Questionnaire Development & Framework for the Study	Management	21 Sep 2017
44.	Role of Vanity and the Mediating Effect of Brand Consciousness in Luxury Consumption	Management	21 Sep 2017
45.	Employee Engagement and Employee Creativity: Data Collection & Initial Findings	Management	21 Sep 2017
46.	Business Excellence studies in India during last two decades	Management	21 Sep 2017
47.	Facility Layout Problem (FLP) Review	Management	23 Sep 2017
48.	Convergence of Management Practices in India's I.T. Sector - The Mirage and the Myopia of Managerial Perception	Management	5 Oct 2017
49.	Stakeholder Engagement Framework for Risk Management	Management	7 Oct 2017
50.	Optimal pricing strategies for two successive generations of consumer durables	Management	18 Oct 2017
51.	Evaluating Learning Styles	Management	30 Oct 2017
52.	Identifying factors for assessment of Business Intelligence and Analytics (BI&A) maturity in organizations	Management	30 Oct 2017
53.	Descriptive Statistics - What and Why?	Management	2 Nov 2017
54.	Analysis of Non-performing loan behavior in Indian banking	Management	2 Nov 2017
55.	Diffusion of mobile telephony in India	Management	2 Nov 2017
56.	Review of various scales for organizational commitment	Management	2 Nov 2017
57.	Social Comparison And Need For Uniqueness In Luxury Consumption: The Scarcity Cycle	Management	2 Nov 2017
58.	Working Capital Management and Profitability	Management	3 Nov 2017
59.	Psychologically Healthy Workplace" practices: Fostering workplace well-being.	Management	3 Nov 2017
60.	A Comparative Study on tools/instruments used for organizational culture and retention	Management	24 Nov 2017
61.	Analyses of Multiple Indian Healthcare Platform firms	Management	24 Nov 2017
62.	Challenges and Issues faced by Indian SMEs	Management	24 Nov 2017
63.	Facility Layout Problem (FLP) literature Review	Management	25 Nov 2017
64.	Progress on literature review on Service Quality Dimensions of Indian Automotive after sales market	Management	29 Nov 2017
65.	An investigation of Knowledge Management impact on Competitiveness: An empirical study of Indian Cement Industry	Management	4 Dec 2017
66.	A Review of Innovation Maturity Models	Management	8 Dec 2017
67.	Symposium on Operation Research and Pure Mathematics	Mathematics	February 26, 2017.
68.	International Conference on Challenges In Drug Discovery And Delivery (ICCD3)	Pharmacy	March 2-4, 2017
69.	Pharmacokinetic and Pharmacodynamic Studies, Modelling & Simulation	Pharmacy	September 8-9, 2017
70.	Conference on DNA Physics	Physics	9-11 March, 2017
71.	National Conference on Solid State Ionics (NCSSI-12)	Physics	21-23 December, 2017

S.No	Title of Seminar	Name of Department	Date
72	Two day workshop on "Fracture, Fatigue and Creep related life prediction techniques".	Department of Mechanical Engineering	18-19 February 2017.
73.	CSIR sponsored 2 day workshop on "Applications of Advanced Computational Methods in Engineering"	Department of Mechanical Engineering	28-29 March 2017.
74.	5 th Indo-German Workshop on "Skilling and shaping India Towards Smart Manufacturing Industry 4.0"	Department of Mechanical Engineering	12 th September 2017
75.	Two day Workshop on "Additive Manufacturing and Recent trends"	Department of Mechanical Engineering	30-31 October 2017.
76.	Joint Indo-German Conference on 'Sustainable Engineering'	Department of Mechanical Engineering	15-16 September, 2017.
77.	Invited talk on Sustainable supply chain management: current trends and future direction by Prof. Kannan Govindan, SDU Denmark	Department of Mechanical Engineering	1st Sept.2017
78.	Invited talk on Sustainable Manufacturing in Machining by Prof.Manbir Sodiis, University of Rhodes Island, East Bay, US.	Department of Mechanical Engineering	12 November 2017

Goa Campus:

S.No	Title of Seminar	Name of Department	Date
1	Veeky Baths , The 4 th International workshop on multi-modal cognition was organized by the Cognitive Neuroscience Lab, Department of Biological Sciences, BITS Pilani K K Birla Goa Campus from 3 rd – 4 th of March, 2017.	Biological sciences	3 rd – 4 th of March, 2017.
2	National workshop on "Experimental Methods in Cognitive Neuroscience" was organized by the Cognitive Neuroscience Lab, Department of Biological Sciences, BITS Pilani, K K Birla Goa Campus from 15 th – 16 th December, 2017	Biological sciences	15 th – 16 th December, 2017
3	New Frontiers in Chemistry From Fundamental to Applications-II (NFCFA 2017), BITS-Pilani, K.K.Birla Goa Campus during January 28-29, 2017	Chemistry	January 28-29, 2017
4	Recent Trends in Chemistry: Students' Meet-2017	Chemistry	26 th February, 2017
5	One day workshop on "Introduction to MATHEMATICA"	Mathematics	3 rd – March -2017
6	" Indo-German Pre-Conference School on Algorithms and Combinatorics" and 3 rd International Conference on "Algorithms and Discrete Applied Mathematics (CALDAM-2017)"	Mathematics	13 th to 18 th – Feb -2017
7	Workshop for College/University Teachers: Teaching Strategies in Mathematics	Mathematics	28 th to 29 th -April - 2017
8	Prof. Rekha P. Kulkarni, Department of Mathematics, Indian Institute of Technology Bombay delivered a lecture on "Approximate Solution of Integral Equations: Improvement by Iteration"	Mathematics	November 30, 2017
9	Prof. G. D. VeerappaGowda, TIFR-Centre for Applicable Mathematics, Bangalore delivered a lecture series on "Finite Difference Schemes for Approximating Hyperbolic Conservation Laws".	Mathematics	November 17-19, 2017,
10	Dr. SamikBasu, Assistant Professor, Department of Mathematics, Ramkrishna mission, Vivekanand University, Calcutta, delivered a lecture on "Equivariant cell complexes and freeness theorems".	Mathematics	September 28, 2017
11	Prof. V. SreeHariRao, Director, International Center for Interdisciplinary Research & Innovation, Hyderabad, delivered a lecture on "Perspectives of Predictive Modeling for Real World Problems".	Mathematics	September 19, 2017
12	Dr. SachindranathJayaraman, Assistant Professor, School of Mathematics, IISER Trivandrum, delivered a lecture on "Semipositivity of matrices and their preservers".	Mathematics	August 29, 2017
13	Dr. Shameek Paul, Visiting Fellow, HomiBhabha Center for Science Education, Mumbai delivered a lecture on "Dealing	Mathematics	August 24, 2017

S.No	Title of Seminar	Name of Department	Date
	with Quotients".		
14	Prof. ShantaLaishram, Stat. Math Unit, Indian Statistical Institute (ISID), New Delhi delivered a lecture on "Prime Numbers and Cryptography".	Mathematics	April 25, 2017
15	Prof. S. Thangavelu, Department of Mathematics, IISc Bangalore delivered a lecture on "Hardy's Inequality".	Mathematics	April 13, 2017
16	Dr. Luz Roncal (BCAM Researcher), Basque Center for Applied Mathematics (BCAM), Bilbao, Spain delivered a lecture on "A generalized spherical mean Radon transform acting on radial functions".	Mathematics	April 11, 2017
17	Dr. AmiyaRanjanBhowmick, Assistant Professor, Department of Mathematics, ICT Mumbai delivered a lecture on "Evolution of Model Specific Growth Rate: Theoretical Analysis and Application to Real Data".	Mathematics	March 23, 2017
18	Mr. Deepak Garud and his team from Binary Semantics Ltd.Mumbai gave a talk on 'Introduction to Maple'	Mathematics	February 17, 2017
19	Prof. Anant R. Shastri, Emeritus Fellow, Department of Mathematics, IIT Bombay delivered a lecture on "Linear Algebra Proof of Fundamental Theorem of Algebra".	Mathematics	January 27, 2017,
20	S D Manjare and S SBaral : Conducted (as the coordinator) two days' workshop on Process Modeling and Simulation for Industries & academicians at KK Birla Goa Campus. Around 25 participants from various industries and universities participated in the workshop	Chemical Engineering	21st-22nd December 2017
21	Tirtharaj Dash: Member of Organizing Committee for International Conf. on Computational Intelligence (ICCI 2017) at IIT Kanpur, India (December 6-8, 2017)	CS & IS	December 6-8, 2017
22	Santonu Sarkar: Organizer, 2nd Internation Workshop on Software Engineering Methods for Parallel and High Performance Applications (http://periscope.in.tum.de/sem4hpc/) at Washington DC USA, colocated with 26th HPDC 2017.	CS & IS	
23	Santonu Sarkar and NenadMedvidovic (USC)- Program chairs of 10th Innovations in Software Engineering Conference (ACM India)	CS & IS	
24	Invited-Talk title, "Future of TCAD", by Prof. Dinesh Sharma, Professor of Microelectronics, Dept. of EE, IIT Bombay, (25 August 2017).	EEE	25 August 2017
25	Seminar on the Google Summer of Code (05 August 2017) Tech-Talk	EEE	05 August 2017
26	Lumini 2017 (24 September 2017) – fully sponsored by IEEE Bombay Section List of speakers PrajyotMainkar, Google Developers, Lead, known as Android Man, he is the only Indian to visit the Google IO Conference (last year). Topic of Talk: "Developing Apps for India" SumedhaLimaye, Engineering Director at Intel. She specializes in Circuit Design, CAD and Methodology. Topic of Talk: Talk - "Research And Development in Technology" SubodhGajare, Senior Solutions, Architect in Cisco. Highly experienced in the fields of Cloud Computing, Internet of Things, Big Data and Analytics. Topic of Talk - "IoT and it's applications" SrilakshmiSubramaniam, Senior Technical Leader at Ericsson, Topic of Talk: "IoT in Automobiles" Rakesh Hariharan, Senior Solutions Architect, Texas Instruments. Topic of Talk - "Future Technology Landscape: The TI Influence" AnandGharpure, President of IEEE Young Professionals, Topic of Talk - "How to read Data Sheets"	EEE	24 September 2017
27	55th National Metallurgist Day and 71 st Annual Technical Meeting (Annual Mega Event of Indian Institute of Metals (IIM)) (D M KULKARNI)	Mechanical Engineering	11-14-Nov, 2017
28	BITS Goa Economics Conclave (20 th -21 st March 2017).	Economics	20 th -21 st March 2017

S.No	Title of Seminar	Name of Department	Date
29	Seminar on Technical Analysis on Nov 14-2017.	Economics	Nov 14-2017
30	3rd - 4th, Nov 2017: Workshop on Use of Statistical Package for the Social Sciences (SPSS)	Economics	3rd - 4th, Nov 2017
31	Invited talk by Prof. Arun Kumar (Malcolm S Adishesiah Chair Prof, Inst. of Social Sciences) - Demonitization, GST and Black Economy: Marginalizing the marginal	Economics	27 Nov 2017
32	Invited Lecture, Speaker: Prof. BabuNahata, Professor of Economics, University of Louisville, Kentucky, USA, Title of the talk: Pay-What-You-Want Pricing under Competition: Breaking the Bertrand Trap	Economics	October 2017
33	Training on ProwessIQ, Resource Person: PremishGangadharDekate, CMIE.	Economics	14 Sept 2017
34	Guest Seminar- "Information & Environment". Speaker: Padma Bhusan Recipient Prof. MadhavGadgil (Center for Ecological Sciences, Indian Institute of Science, Bangalore)	Economics	24th March 2017
35	Digital Heritage of Architectural heritage of Goa: Tracing Cultural, Religious, and Regional Influences as Exhibited in Goan Monuments. Presented at Indian Heritage in Digital Space Workshop held by DST. BISR Jaipur. Person: Dr. Geetha B.	HSS	15 -16 th July 2017

Hyderabad Campus

S.No	Title of Seminar	Name of Department	Date
1	National Symposium on Convergence of Chemistry and Materials 2017	Chemistry	Nov 2016
2	Home Automation Workshop	Mechanical Engg	
3	I-Navigate Workshop	ARC	
4	Ethical hacking workshop	CS & IS	
5	PCB Workshop	EEE	12 Feb 2017
6	Quant Alpha Model Workshop	EEE	12 Feb 2017
7	Workshop by Nomura Executives	Eco nomics	12 Feb 2017
8	Workshop on engineering graphics	Mechanical & Civil Engg	2-3 Jan 2017
9	Workshop on structuring a science paper and using reference manager,	ARD	18 Nov 2017
10	24 th National and 2 nd International ISHMT	Mechanical Engg	Dec 2017
11	Conference on drug discovery and delivery	Pharmacy	
12.	Workshop-cum-Training Program on Urban Flood Management:	Civil Engg	3-4 Mar 2017

Dubai Campus

S.No	Title of Seminar	Name of Department	Date
1	Two-Days Workshop on "Industrial Applications of Decision Making Methods and Optimization Techniques" by Prof R V Rao	Mechanical Engineering	17-18 November 2017
2	International conference on Recent Advances in Materials & Manufacturing Technologies (IMMT) 2017 (Convened by Dr Vincent Shantha Kumar/Prof R Karthikeyan)	Mechanical Engineering	28-29 November 2017
3	"Guidelines to Publish Research Papers in Reputed International Journals" by Prof R V Rao	Mechanical Engineering	7 th September 2017
4	Defects in Polymer Electrolyte Memberane and Its Effect of Fuel Cell Performance by Dr. Naveen Shrivastava	Mechanical Engineering	8 th March 2017
5	An Experimental Study of Particle Laden Jet Interactions with Cocurrent Flow.by Prof. C. Perisamy	Mechanical Engineering	15 th March 2017
6	Experimental Investigations of Ultrasonic Assisted Abrasive Flow Machining by Dr. Gudipadu	Mechanical Engineering	29 th March 2017

	Venkatesh		
7	Highly-stretchable 3D-architected Mechanical Metamaterials by Dr. Priyank Upadhyaya	Mechanical Engineering	26 th April 2017
8	An Arduino workshop	EEE	15th & 16th April 2016
9	Industrial Automation using SCADA	EEE	10th May 2016
10	Accelerating Discoveries with Big Data and Supercomputing	EEE	4th Sep 2016
11	Innovations and Pathway	EEE	25th Sep 2016
12	Power System Analysis & simulation	EEE	14th Nov 2016
13	Design and Debug of Embedded Systems	EEE	20th Nov 2016
14	Clinical Utility of Point of Care Analyzer in Health care Setup	EEE	21st Nov 2016
15	Verilog Programming Training	EEE	20th to 29th Nov 2016
16	PSPICE	EEE	11th March 2017
17	Multisim	EEE	29th April 2017
18	Computational Nanotech	EEE	26.08.2017
19	Surgical Robots	EEE	05.10.17
20	Vigilance Assessment and Enhancement Using Multi-Sensory Interactive Physiological Inputs	EEE	21.11.17
21	Innovations and Pathway in Nanoelectronics	EEE	26.11.17

9. Research Publications

Faculty members have published several research papers in International and National Journals & conference proceedings. Annexure 4 lists the research publications in journals, books, books chapters & other publications. List of faculty members who presented papers at various conferences, delivered invited talks are given in Annexure 5.

10 Patents filed by BITS During 2017

S.No.	Name of Inventors	Department	Title	Patent Application Number
Pilani campus				
1.	Prof. Rajiv Gupta , and Keyur Kapadia	Department of Civil Engineering,	A Reservoir System For Underground Water Storage	201711045481
2.	Dr. Anupama Mittal , Italiya Kishan Shamjibhai, Samrat Mazumdar, Dr. Deepak Chitkara	Department of Pharmacy	Surfactant-free, self-assembling micelles of fatty acid conjugate to hydrophilic drug and method for preparing the same	201711044842
3.	Prof. S. K. Verma, Prof. V. K. Chaubey G. Rajahari , IC Design Group, CEERI, Pilani Bose Subhash Chandra , IC Design Group, CEERI, Pilani	Biological Sciences Electrical and Electronics Engineering, BITS Pilani - Pilani Campus IC Design Group, CEERI, Pilani - 333031	Arsenic Detection System, Method, And Test Kit Thereof	201711024371
4.	Prof. Singh Shamsher Bahadur , Munjal Pankaj	Department of Civil Engineering	System and method of reinforcement of masonry structures using DFRCC sheets	201711014301
5.	Prof. Singh Shamsher Bahadur , Munjal Pankaj	Department of Civil Engineering	System and method of reinforcement of masonry structures using FRP laminates	201711014300
6.	Dr. Anupam Singhal, Dr. Rajiv Gupta and Mr. Arun Nihal Singh	Department of Civil Engineering.	A formulation for reduction of fluoride and total dissolved solids in water and process for reduction thereof	201711011204
7.	Dr. M. S. Soni ; Mr. Nikhil Gakkhar and Mr. Sanjeev Jakhar	Department of Mechanical Engineering	A Liquid-Cooled Hybrid Solar Energy Collector	201711010510
KK Birla Goa campus				
8.	Pravin Singru; Appurv Gupta; Meet Kalola; Ankit Bana	Department of Mechanical Engineering	An Endotracheal Tube For Measuring Endotracheal Pressure	201711011547

S.No.	Name of Inventors	Department	Title	Patent Application Number
9.	Halan Prakash; Parakh Priyadarshini; Subramanian Gokulakrishnan; Prasad Panzade	Department of Chemistry	A Bactericidal Composition for Disinfecting Water	201711009974
Hyderabad Campus				
10.	Dr. Anasua Guharay, Dr. Arkamitra Kar, Shashank Gupta	Department of Civil Engineering (Hyderabad Campus)	Treatment process for cellulose based geotextile and geotextile obtained therefrom	201711033016
11.	Dr. Swati Biswas, Dr. Balram Ghosh, Sri Vishnu Kiran Rompicharla, Prakruti Trivedi	Department of Pharmacy (Hyderabad Campus)	A chemotherapeutic composition for treating malignant tumors and method for preparing the same	201711028012
12.	Dr. Swati Biswas, Dr. Balram Ghosh, Onkara Swamy Muddineti	Department of Pharmacy (Hyderabad Campus)	A Nano-Micellar composition for drug delivery and method of preparing the same	201711016379
13.	Dr. Sanket Goel, S. B. Puneeth	Department of Electrical and Electronics Engineering	A system for measuring viscosity and method thereof	201711031122
14.	Dr. Sanket Goel, Prakash Rewatkar, Madhavi Bandapati, Balaji Krishnamurthy	Department of Electrical and Electronics Engineering	A system and method for electric power and process thereof for manufacturing the system	201711046160 (prov)

11. Awards and Honors to BITS Faculty

Pilani Campus:

- Prof. Vishal Saxena was awarded "Visiting Professor Fellowship" under Senior Scientist category of "2017 ASM- IUSSTF Indo - US Research Professor Fellowship Programme".
- Dr. Rajdeep Chowdhury was awarded "SERB Travel Award" for attending the conference "The 8th International Symposium on Autophagy", Japan, May 29th to Jun 1st, 2017.
- Dr. Sandhya Mehrotra was awarded for "Visiting Professor Fellowship" under Senior Scientist category of "INSA-CAS International Bilateral Exchange/ Collaboration Programme-2017".
- Prof. Vishal Saxena was awarded "Visiting Professor Fellowship" under Senior Scientist category of "INSA-CAS International Bilateral Exchange/ Collaboration Programme-2017".
- Arpit Bhargava, and Gagandeep Singh Saggi, Former Ph.D. Student, has been awarded SERB National Post-Doctoral Fellowship by DST, New Delhi in March 2017
- Preeti Dubey, Former Ph.D. student of Department of Mathematics doing interdisciplinary research with Uma S. Dubey (as Co- supervisor) presently doing Post Doctoral research in Department of Medicine, Loyola College, Chicago.
- Dr. Pradipta Chattopadhyay has received INSA Award in December, 2017 (Bilateral Exchange Programme 2018) to visit Poland for 3 weeks in Summer, 2018.
- Dr. Arvind Kumar Sharmahas been a Member of School Management Committee (SMC) for Birla School, Pilani, India.
- Dr. Arvind Kumar Sharmaprepared GATE (level) questions for test/examination conducted for the selection of faculty at Dr. A. P. J. Abdul Kalam Technical University (AKTU) - Lucknow, India | July 2017.
- Dr. Arvind Kumar Sharma has been an examiner for M.Tech. Thesis at HBTU Kanpur, India | Oct 2017.
- Prof Dalip Kumar received CRSI Bronze Medal-2017 from Chemical Research Society of India
- Dr. Indresh Kumar received "Professor D. K. Banerjee memorial Lecture award-2016" during March 22, 2017 from Department of Organic chemistry, IISc., Bangalore.
- Prof. Rajiv Gupta (Rajiv Gupta, Ayub Ahmed and Gaurav Tyagi) won the Best Session Paper award on "Purifying Porous Concrete for Drinking Water", 5th Asia Conference on Mechanical and Materials Engineering (ACMME 2017) at University of Tokyo, Tokyo, Japan during June 9-11, 2017.
- On invitation, Dr. Prasanta Kumar Sahuvisited University of Regina during January 2017.
- Parimal Merchant, Arya Kumar and Debasis Mallik, Factors Influencing Family Business Continuity in Indian Small and Medium Enterprises (SME) presented in the 2nd International Conference on Evidence Based Management (ICEBM 2017), BITS Pilani, held between 17th -18th March 2017. (Best paper award).

- Arya Kumar, Chaired the panel discussion on “Talent Management Strategies in Banking and Financial Services” in the Annual HR Conclave – 2 on “Bridging the Talent Gap - Issues and Challenges” organized by Management Department, BITS Pilani on 20th January 2017 at India Habitat Center , New Delhi.
- Arya Kumar Chaired a session on Banking & and New paradigm in Financial Policy and delivered key note valedictory address in the, 2nd International Conference on Evidence Based Management (ICEBM) 2017 organised by Management Department, BITS Pilani between 17th and 18th March , 2017.
- Arya Kumar, Chaired a session on IT and Enterprise in the 11th ISDSI International Conference held at IIM Trichy, December 27th – 30th , 2017.
- Arya Kumar, Panel member in a discussion on Policy Framing for enhancing entrepreneurial climate in educational institutes organized by MNIT Innovation and Incubation Centre on 29th July 2017 in Jaipur.
- Ecomod Scholarship Award (\$1500) to attend EcoModModeling School course on Energy and Environmental CGE Modeling with GAMS organized by EcoModModeling School in cooperation with the Singapore Institute of Statistics c/o Dept of Statistics and Applied Probability, National University of Singapore (NUS).
- Awarded with a scholarship (\$2000) from PwC and System Dynamic Society to attend System Dynamics Summer School at Massachusetts Institute of Technology (MIT) in July, 2017.
- WIPRO-XUB best paper award at 2nd XUB Sustainability Summit organized by Xavier University Bhubaneswar at XIMB in 2016.
- Mr. KavindraKandpal (EEE Dept.) and his team won 12th edition of the Cadence Design Contest in U.G. category. The project title was "Design of DQPSK Demodulator for Implantable Bio-Medical Devices".
- Prof. Anu Gupta, (EEE Dept.) and her team won 12th edition of the Cadence Design Contest in P.G. category. The project title was: Design and Implementation of Differential Power Analysis Attack Immune Encryption Circuit Based on Simon Block Cipher for Next Generation RFID Cards.
- Choubisa, R. (July 2017). Scientific Committee Member (and Reviewer) for the Fifth World Congress of Positive Psychology organized by International Positive Psychology Association in Montreal (Canada).
- Choubisa, R. (March 2017) Expert to EACEA (European Union).
- Dr. Pratyush Banerjee - Winner of best paper award at the 4th International Conference on Human Resource Management, 11-12 November, 2017, IBS Hyderabad
- Dr. UdyanChanda, AIMS International Outstanding Young Management Researcher Award 2017, AIMS International, Vadodara 390008, India.
- Dr. UdyanChanda , Member of the technical committee of 11th Annual International Conference on Computer Games Multimedia & Allied Technologies (CGAT 2018) will be held during 09-10 April, 2018 in the venue Hotel Fort Canning, 11 Canning Walk, Singapore 178881.
- Dr Praveen Goyal Session Chair, 5th International Conference on Contemporary Marketing Issues (ICMI) 2017
- Ms. Ananyashree Garg (2015A7PS0117P), a student pursuing Bachelor of Engineering in Computer Science, BITS Pilani had participated in Youth Money Olympiad 2017. After the 1st round, she was ranked as the YMO College Topper and was promoted to the 2nd round. After the 2nd round which was held on 21 May 2017, she was ranked 3rd at the national level. She received the prize for winning 3rd rank in May end at a ceremony to be held at National Stock Exchange (NSE) Mumbai.
- Ms. Vidhi Jain (2014A7PS113) was declared as the Winner of the 'Citi Women Leader Award 2016-17' on 7th March, 2017 at Citi Group's First International Financial Center in BKC, Mumbai. Citi India provided her scholarship to support one year of her study at BITS Pilani
- Mr. Mohit Yadav (2014A7TS0074P) and Mr. Aashish Richariya (2014A8TS0454P) of the Robotics and Embedded Systems Laboratory of the CSIS department were selected to attend a prestigious Sakura Science Program (SSP-2017) from June 11, 2017 to July 2, 2017. The program was hosted by Robotics Laboratory, Hiroshima University and was supported by Japan Science and Technology Agency.
- Prof A K Digalwar, has been elected as a President Indian Subcontinent Region Decision Sciences Institute (ISDSI) and Chairman organized 11th ISDSI International conference during 27-30 Dec 2017 at IIMTrichy.
- Prof.P. Srinivasan, First Recipient of Prof SSR Memorial Teaching Excellence Award 2017.
- Shyam Sunder Yadav, Best Paper Award in the International Conference on Sports Engineering 23rd to 25th October 2017, Jaipur .
- Rajesh P. Mishra. was session co-chair and organizing committee member in International Conference on Sports Engineering October 23-25, 2017 ,BITS Pilani, at Jaipur.
- M. S. Dasgupta was invited as a Judge in SpaceX Hyperloop Pod Design Weekend, Texas A&M, USA.
- Prof A. K. Digalwar delivered an expert lecture on Sustainable Manufacturing in International workshop on Advances in Mechanical Engineering organized by ZCOER Pune on 6th Jan. 2017.

- Prof A K Digalwar chaired technical session in 2nd International Conference on Evidence Based Management (ICEBM-2017) held at BITS Pilani, Pilani Campus during 17-18 March 2017.
- Prof A K Digalwar chaired technical session in International Conference on Recent Advances in Materials & Manufacturing Technologies (IMMT 2017) held at BITS Pilani Dubai campus, Dubai, UAE during 28-29 November, 2017.
- Prof A K Digalwar chaired technical session in 11th ISDSI International Conference held at IIM Trichy during 27-30 Dec. 2017.
- Prof P.Srinivasan, chaired technical session in 11th ISDSI International Conference held at IIM Trichy during 27-30 Dec. 2017.
- Prof P.Srinivasan, chaired technical session in International Conference on Recent Advances in Materials & Manufacturing Technologies (IMMT 2017) held at BITS Pilani Dubai campus, Dubai, UAE during 28-29 November, 2017.
- Prof P.Srinivasan, chaired technical session in International Conference on Energy, Environment and Economics (ICEEE2018) held at Heriot-Watt University, Edinburgh, UK during 11-13 December 2017.
- Prof Srikanta Routroy, chaired technical session in International Conference on Recent Advances in Materials & Manufacturing Technologies (IMMT 2017) held at BITS Pilani Dubai campus, Dubai, UAE during 28-29 November, 2017

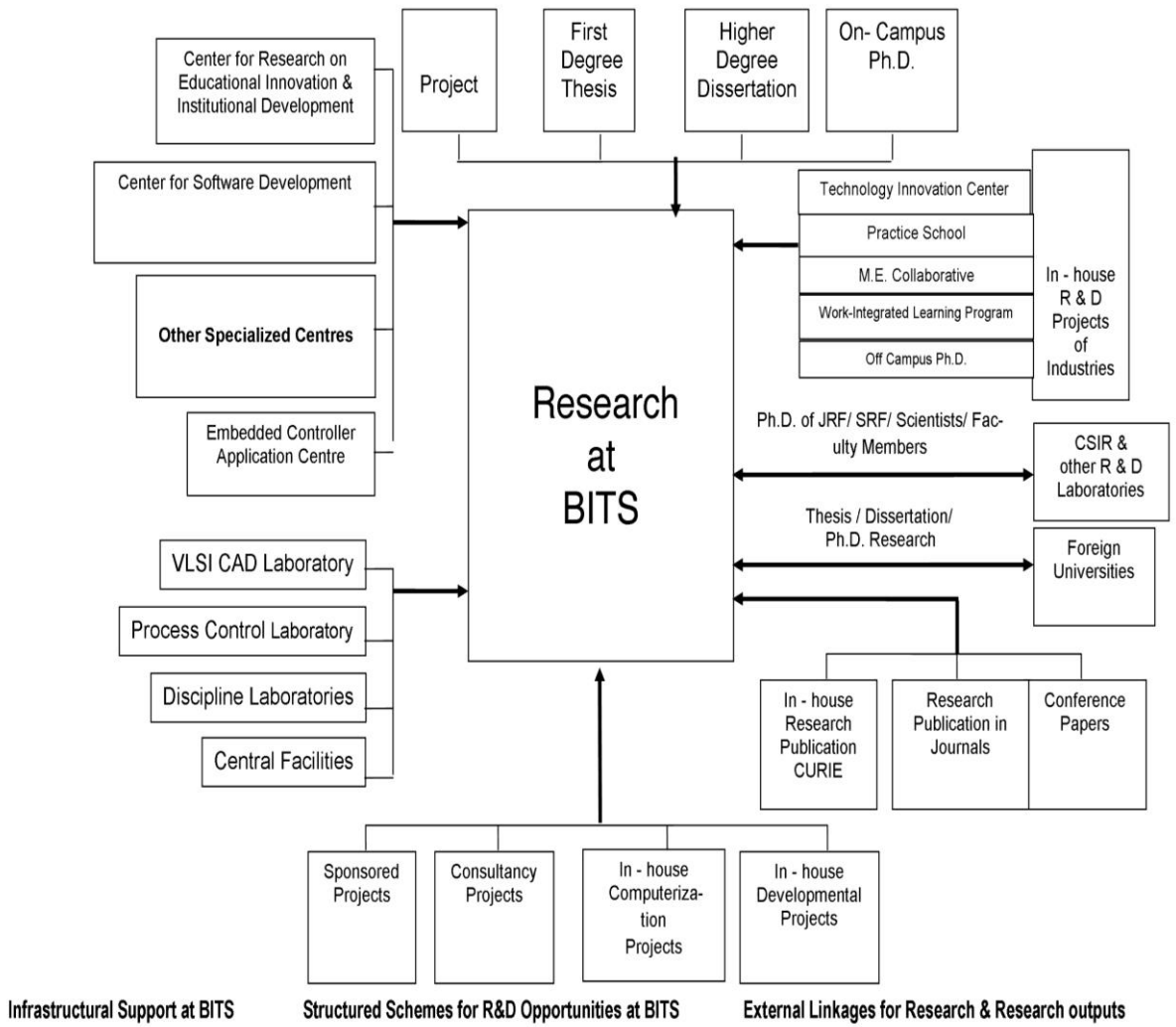
Hyderabad Campus:

- Dr. T Jamma, Vivek Sharma & Dr. Pranesh Bhargava OPERA award (Outstanding Potential for Excellence in Research and Academics), BITS Pilani, 2017
- Dr. Gireesha T. Mohannath and Dr. Ruchi Jain Dey Received Ramalingaswami Fellowship (November, 2017):
- Dr. Gireesha T. Mohannath received Ramanujan Fellowship (July 2017):
- Best oral presentation award was won by S. Srinivas Rao, A. for paper entitled "Suresh and K.V.G. Chandra Sekhar, Design and synthesis of 1,2,3-triazolyl 9H-fluorenone analogues as anti-tubercular agents" in National Symposium on Emerging Trends and Innovations in Pharmaceutical Science (ETIPS-2017) in chemistry, organized by JNTU Hyderabad, October 12-13, 2017 (Oral Presentation) (Awarded as).
- Dr. Aruna Malapati-(a)"WOMEN IN EDUCATION" Award from The Dewang Mehta National Education Awards on 15th April 2017. (b) Prof. Indira Parikh 50 Women in Education Leaders" citation at 6th World Education Congress on 23 Nov 2017.
- Prof. Chittaranjan Hota- Became Senior Member, IEEE
- Gourish Goudar and Dr. Suvadip Batabyal received Best Paper award in PhD Forum in 11th IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS 2017).
- Dr. G Geethakumari-(a) Received a Letter of Appreciation from IB, Ministry of Home Affairs, Govt of India, April 2017.(b) Selected as Treasurer, Computer Society Chapter, IEEE Hyderabad Section, for the year 2018.
- Sanket Mishra- Sanket Mishra, research scholar of the department received TCS PhD fellowship for four years July 2016-June 2020. He works in the area of Internet of Things.
- Sanket Goel- SERB Travel Grant - Prof. Sanket Goel received SERB Travel grant to present two oral papers at Photonics West to be held in San Francisco during 28 Jan - 2 Feb 2017.
- Soumya J- (a)SERB Travel Grant- Dr. Soumya J received SERB Travel grant to present a poster at Design Automation Conference held at Austin, Texas during 18 June to 22 June 2017.(b) Nominated for Best PhD thesis award- Dr. Soumya J's PhD thesis has been nominated for Best Thesis Award at VLSI Design Conference held at Hyderabad during 11 Jan 2017
- Dr. Lavanya Suresh - OPERA award (Outstanding Potential for Excellence in Research and Academics), BITS Pilani, 2017
- Dr. Santosh Mahapatra was awarded Trinity College London Language Examination Fellowship for IATEFL 2018
- Dr. Santosh Mahapatra was awarded AARMS grant by British Council for a teacher mentoring project (February, 2017)
- Paper titled "Activation of double-stranded mna-dependent protein kinase pathway impairs insulin signaling in l6 muscle cells by 1. Mary Priyanka Udumula , Mangali Suresh Babu , Audesh Bhat , Indu Dhar , Dharmarajan Sriram and Arti Dhar won first prize at Drug Discovery & Development conference focus on cancer and diabetes" held at NIPER Hyderabad on March 16-17, 2017.
- Poster titled "Activation of Palmitic acid and high glucose mediate oxidative stress and apoptosis in H9C2 cardiac myocytes by Suresh Babu Mangali, Mary Priyanka Udumula, Jaspreet Kalra, Audesh Bhat, Indu Dhar, Arti Dhar won second prize at CTPS, BITS Pilani-Hyderabad campus on 28th October, 2017.

Dubai Campus

- Dr. A.B.Chattopadhyay was invited to deliver Key-note address in the International Conference on “Recent Trends in Renewable Energy and Smart Grids(ICRRESG-17)”, organized by College of Engineering and Technology, MODY University ,Laxmangarh ,Rajasthan ,India on 24-25 February 2017.
- Dr R Swarnalatha served as Technical Review Committee member for the second IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT-2017), at SVS College of Engineering, Coimbatore, Tamil Nadu, India.
- Dr.V.Kalaichelvi served as Technical Program Committee Member for International Conferences on Advanced Computational and Communication Paradigms Sikkim Manipal Institute of Technology (SMIT), Rangpo, Sikkim,India and during International Conference on Electrical, Computer and Communication Technologies at SVS College of Engineering, Coimbatore,.
- Dr. Vilas H Gaidhane reviewed the research papers for the Journals IEEE Transaction on Measurement & Instrumentation IETE Technical Review (Taylor & Francis) ,International Journal of Electrical Power and Energy Systems (Elsevier),Image, Video and Signal Processing (Springer) ,Neural Computing and Applications (Springer) and Journal of Medical Systems (Springer).
- Dr.V.Kalaichelvi served as a designated reviewer on the technical program committee for the 9th IEEE-GCC Conference and Exhibition 2017 and reviewed papers for Bahrain **Gulf Conference and Exhibition center**
- Dr R Gomathi Bhavani reviewed PhD thesis titled,” Fault detection in transmission line and adaptive setting of distance relay” for KIIT university, Bhubaneshwar, India.
- Dr R Gomathi Bhavani chaired the session on “Green technology track” during IEEE International Conference on Technological Advancements in Power and Energy (TAP Energy 2017), Amrita University, Kollam, Organized by IEEE Power and Energy Society, Kerala section.
- Dr. A.B.Chattopadhyay reviewed number of research for IEEE Transactions on Sustainable Energy and Neural Computing and Applications (Publisher: SPRINGER)
- Dr. A.B.Chattopadhyay reviewed the Research Project entitled, “Implementation and Algorithm Development for an Acoustic Sensing System” ,funded by ICT, Govt. of U.A.E , (financial budget in the tune of AED 984,800.00)
- Dr. Mary Lourde R served as a technical expert to evaluate _ICT FUND research project proposal in various areas of Electrical engineering.
- Dr. Mary Lourde R served as a reviewer for the journal “Integration, the VLSI Journal” published by Elsevier and reviewed a research manuscript in the area of Trusted IoT, Low power VLSI during July 2017
- Dr. Vincent Shantha Kumar delivered Guest lecture on Bio-corrosion of metallic glasses in Seoul National University, Seoul, South Korea.
- Dr. Vincent Shantha Kumar delivered Invited Talk on Bio-corrosion studies on Zr based metallic glasses in International Symposium for Advanced Materials Research (ISAMR 2017), Taiwan
- Dr Neeru Sood was an invited speaker during the International Conference on Applied Nanotechnology and Nanoscience (ICANN-2017).Delivered a talk on Biosynthesized Nanoparticles for Sustainable Agriculture in Saline Soils and Marginal Environments.
- Dr. Trupti Gokhale was invited to give an Invited Talk on "Synthesis of metal Nanoparticles for Applications in Agriculture during the International Conference on Applied Nanotechnology and Nanoscience and also delivered a talk on "Development of Biosensors" at the Inaugural ceremony of the Silver Jubilee celebrations of the Microbiology Department, Bharti Vidhya Peeth, Pune, India
- Dr Trupti Gokhale delivered an invited talk on "Alternate Medicines practiced in Arab regions" at International Conference on Ancient Science and Technology Retrospection and Aspirations (ASTRA 2017) on 18th and 19th January 2017 held at H.V. Desai College, Pune, India.
- Dr Shazi Shah Jabeen examined PhD thesis entitled “Theoretical Analysis on Psychodynamic Approach of Human Predicament in the Select Novels of Arun Joshi”, Periyar University, India.
- Dr Shazi Shah Jabeen examined PhD thesis entitled “Universal Values in Select Novels of Ralph Waldo Emerson and Subramanya Bharthi”, Bharathidasan University, India.
- Dr Shazi Shah Jabeen reviewed papers for New Frontier, International Journal of Humanities and Social Sciences.
- Dr B G Prakash Kumar chaired a session during 2nd Student Research Colloquium on “Advances in Engineering & IT” (AEIT-2017)at Manipal Univ., Dubai Campus

- Dr. Nishant Pandya was invited as member of International Advisory Committee of International Conference on “*Paradigm shift in Chemical engineering education, processes and technology*”, IEI, during September 16-17, 2017, Ahmedabad, Gujarat, India.
- Dr. Vincent Shantha Kumar was invited to deliver guest lecture on Bio-corrosion of metallic glasses in Seoul National University, Seoul, South Korea
- Prof A P Singh, Civil Engineering Department has been nominated as an expert in the Ministry of Environment, Forest and Climate Change and by Himachal Pradesh Public Service Commission, He was also nominated as an External Member of Advisory Committee for Special Assistance Programme(SAP) by the University Grant Commission, New Delhi.
- Prof. A.B.Chattopadhyay delivered a special lecture as a Guest of honor in the International workshop on “MATLAB Application in Electrical Engineering” in Millia Institute of Technology, Purnea, Bihar, India
- Dr. Vincent Shantha Kumar delivered Invited talk on Bio-corrosion studies on Zr based metallic glasses in International Symposium for Advanced Materials Research (ISAMR 2017) in Taiwan
- Prof.(Dr) R N Saha, delivered an invited talk on Role of materials in design of Nano particulate Systems for Selective Delivery of Drugs during International Conference on Nano- and Functional Materials, on 17th November, 2017, at BITS Pilani.
- Prof.(Dr). R N Saha, delivered an invited talk on Design and studies of novel delivery systems for selective distribution and better efficacy, during SciLife Lab, Karolinska Institute, on 18th January, 2017 at Stockholm, Sweden.
- Prof.(Dr) R N Saha, delivered an invited talk at S P Process Development Institute, Stockholm, on Studies on Some Techniques and Approaches for Enhancement of Bioavailability of some Drugs, on 19th January, 2017 at, Stockholm, Sweden.
- Prof. (Dr)R N Saha, delivered a talk on Modified/Selective Distribution of Drug: Nanoparticulate Systems, Characterization, Pharmacokinetic and Biodistribution Studies at GSK R & D Center Hyderabad as an invited speaker.
- Prof.(Dr) R N Saha,was invited to be among panel members during : Global Experiments- 21st Century Skills and Their Relation to Employability World Education Summit, spoke about Collaborative Learning in Globalized Environment and Importance of Education for Skill Fulfillment organized at Le Meridian, Dubai, UAE.
- Prof.(Dr)R N Saha was one of the team members in a delegation from India at Edutech 2017: Knowledge, Skill, Technology; organized by Indo-New Zealand Business Council, and delivered a talk on Skill Development: Leveraging Technology on 4th August 2017 at INZBC, Pulman Hotel, Auckland, NZ.
- Dr Shazi Shah Jabeen was appointed a member of Technical Committee of 7th International Conference on Language, Medias and Culture (ICLMC 2018) to be held during March 26-28, 2018, in Fukuoka, Japan.
- Dr Shazi Shah Jabeen was appointed a member of Technical Committee of 5th International Conference on Linguistics, Literature and Arts (ICLLA 2018) to be held in Hoam Faculty House of Seoul National University, Seoul, South Korea during January 27-29, 2018.
- Dr Shazi Shah Jabeen was appointed a member of International Journal of Development and Sustainability (IJDS).
- Dr Neeru Sood has been appointed as a member of organizing committee for World congress on Virology and Bacteriology to be held in Rome during **November 12-14**.



IV. INFRASTRUCTURE FOR RESEARCH

The Institute over the years has built up a moderate infrastructure for research work. Apart from the normal laboratory facilities in all the disciplines, the Institute has also built up centralized infrastructural facilities for the support of research work across the Institute. Some of these are described below:

Each department has been allotted budget for purchasing equipment/develop ICT infrastructure etc. These are required to cater to the specific needs of the department. The details are elaborated in the departmental evaluative reports.

Central Analytical Lab

The Institute provides budget for a central instrumentation facility named as Central Analytical lab (CAL lab) in each campus. This houses the major research equipment's needed in sciences and engineering disciplines. The equipment purchased through this fund are utilized by multiple departments and hence housed at a central. Approximately, 15 crores have been allotted to the 3 Indian campuses in the recent past for procurement of high end equipment's and for improving the research infrastructure. University has also allocated funds for each campus for high cost, sophisticated equipment under the Central Instrumentation facility like NMR, SEM, AFM, XRD, confocal microscope, LC-MS etc.

High Performance Computing Facility & Cloud Computing

Kosambi: A University-wide Internet-accessible High Performance Computing Facility at BITS Pilani, K K Birla Goa Campus. It currently comprises of 96 cores HPC machine from IBM with one head node and 6 compute nodes. Currently faculties will have login (on request basis) and can manage their account through remote login. Faculty colleagues in K. K. BIRLA Goa campus are already using this facility, along with a few from other campuses. The HPC Admin Team at Goa campus will be enabling this as a cloud computing facility to Pilani and Hyderabad shortly. Software(s) currently available in Kosambi are: OS - Red Hat Enterprise LINUX - 6.3 IBM CMM (Cluster Management Module) Mathematica 9.0 and other regular default RHEL open source software(s).

ICT Facility

Information Processing Center takes care of the IT related requirements of the entire campus. IPC maintains terminal rooms (Labs) to provide centralized computing facilities to the students and laboratories for teaching and research needs of Computer Science Department. These labs/terminal rooms are well equipped with desktops and work stations. Campus-wide network with dataports, wired and Wifi connectivity is maintained so as to ensure internet facility at all hostel rooms, cafeteria, library, staff quarters, and all laboratories within the campus. Some departments have independent computational labs with network clusters to take care of their specific research needs. For eg: Chemistry/Pharmacy/Biological Sciences have labs for research work pertaining to computer aided drug design and Bioinformatics etc..

Central Animal Facility

Central Animal Facility at BITS Pilani, Pilani campus is a CPCSEA approved facility with total floor area of 5330 sq. ft. The facility is also approved for in-house breeding of small animals. The facility maintains the animal species like Rats, Mice, Guinea Pigs, Rabbits and Hamsters. It was build up in accordance with guidelines issued by CPCSEA and other regulatory bodies. It is also equipped with incinerator (electrically operated) facility for disposal of the biological and other biomedical waste. The air conditioned facility is maintained by well trained personnel, with a full time veterinarian to take care of the various requirements of the animals. Central Animal Facility caters to the needs of the various research departments like Pharmacy, Biological Sciences and Chemistry, etc. The facility also incorporates Pharmacokinetics, Pharmacodynamics and Pharmacology research laboratory for carrying out advanced research in the areas of pre-clinical pharmacokinetics, bioavailability studies, pharmacological screening of various synthetic/natural origin drugs. The laboratory has sophisticated instruments such as two chamber automated organ bath, laser doppler, non invasive blood pressure recorder, semi dry transfer apparatus, microtome, RT-PCR, electroconvulsimeter, actophotometer, analgesiometer, light dark apparatus, rotarod etc. Equipments such as surgical anesthesia machine, electrical cautery, deep freezers (-20 and -80°C) and spare air-conditioners are also utilized. The laboratory is upgraded with video documentation system for various animal behavioral studies. Facility is geared to take up various industrial or governmental funded projects in various pre-clinical areas.

The Institute has set up a number of centers and laboratories of research & development as given below-

S.No	Name of the Centre	Description
1.	Center for Biotechnology	The Centre has in-house facilities of Genetic Engineering and Recombinant-DNA Technology. This Centre aims at taking up research and development projects from various sponsoring organizations, (establishments of University-Industry linkage) through various R&D contract projects and conducting periodic Workshops and hands-on training for faculty members, industry personnel and students in the area of advanced molecular biology/biotechnology and bioinformatics.
2.	Centre for Desert Development Technologies (CDDT)	The C-DDT mission is to make the desert areas of Rajasthan bloom through demonstration, extension, and development of world class desert development technologies-water and energy conservation in irrigation systems, rain water

S.No	Name of the Centre	Description
		harvesting and ground water management, conservation and propagation of plants suited for the desert environment, and optimizing human existence in the desert ecosystem.
3.	Centre for Educational Technology (CET)	Its focus is on E-learning delivery systems, related web-services, live and stored video streaming as current thrust areas. Its mandate is to identify suitable educational technology solutions for on-campus, as well as off-campus, operations of the Institute and helps in their deployment.
4.	Centre for Materials Science and Technology	The objective of the Centre for Materials Science and Technology is to develop and implement projects related to modern materials such as smart materials, biomaterials, fibre-reinforced plastic composites and also related to conventional materials such as metals, ceramics and polymers. The Centre undertakes mechanical and non-destructive testing of various engineering materials and products for evaluating their mechanical properties and for evaluating defects such as cracks, voids, delamination, inclusions etc.
5.	Centre for Robotics and Intelligent System	The objective of the Centre for Robotics and Intelligent Systems (CRIS) is to develop prototypes that provide greater intelligence and higher versatility for robotic tasks under ever-changing constraints of the environment. This objective is set forth to make the Indian Industry competitive by developing indigenous technical skills, manpower and innovative spirit.
6.	Centre for Renewable Energy & Environment Development (CREED)	CREED is an interdisciplinary Centre that co-ordinates educational and research activities in the active areas of renewable energy and environment. The objectives of the Centre are (i) to conceive, develop and implement renewable energy applications and environment protection projects, (ii) to develop courses and organize awareness programmes, and (iii) to collaborate with external organizations in the areas of renewable energy education, training and technology development.
7.	Centre for Software Development (CSD)	The Centre for Software Development (CSD) is the first of the two major centres that comprise the newly formed Software Development and Educational Technology Unit (SDET Unit) at BITS-Pilani. The CSD has two wings, namely, the Media Laboratory and the Laboratory for Open Source Computing. Recently, as part of restructuring, the erstwhile Laboratory for Mobile Computing was made a constituent research laboratory of the Department of Computer Science & Information Systems., under the new name of Wearable, Pervasive Computing Networking Research Laboratory.
8.	Embedded Controller Application Centre	This Centre was set up in Collaboration with Motorola India Ltd. The objective of the Centre is to impart detailed understanding of important features of embedded controller architectures and familiarization of advanced concepts in the field of embedded controllers through Students projects/Industrial projects, Imparting training to the industry professionals and running short term courses in the field of Embedded System design by developing course modules for these courses
9	Technology Business Incubator (TBI)	TBI promotes developing technology-enabled ventures in the areas of Information and Communication Technologies for telemedicine and healthcare, Biotechnology/Pharmaceutics Embedded systems, VLSI and other areas. Also TBI, supports entrepreneurial leadership across all disciplines, facilitates entrepreneurial activity amongst students, and invites entrepreneurs to use TBI services so as to develop end-products for commercialization
10	CORE	A virtual centre on interdisciplinary research in waste, water and energy management has been created to encourage technology/product development, real life problem solving in comprehensive manner. Internal fund is provided to 5 projects comprising research teams of cross campus and multidiscipline researchers.
11	TLC	TLC has been formed for the professional development of BITS faculty as well as non-teaching academic staff associated with teaching activities (laboratory technicians, demonstrators). The TLC also aims to engage research in various aspects in teaching and learning. Further, to bring best practices in teaching and learning across the globe, and share their experiences through direct or indirect modes are some objectives of this centre.
12	Centre for water resources	The centre for excellence in water resources management (CEWRM) was established in Hyderabad campus as national regional/ international centre to provide innovation in sustainable research, education and training in water resources management and allied fields.

Completed Doctoral Theses 1964-2017

This annexure presents discipline wise classification of various Ph.D. theses and the number of Ph.D. degrees awarded year wise since 1964.

Discipline wise classification of Doctoral Degrees Completed:

S.No.	Discipline	Total
1.	Bio-Sciences	219
2.	Chemical Science & Engineering	35
3.	Civil Engineering	38
4.	Computer Science	84
5.	Economics	21
6.	Educational Development	16
7.	Electrical, Electronics, Communication & Instru. Engineering	81
8.	Humanities & Social Sciences	52
9.	Management	101
10.	Mathematics	33
11.	Mechanical Engineering	82
12.	Pharmacy	151
13.	Physics	72
14.	Chemistry	101
15.	Hospital and Health System Management	04
	Total	1090

Number of Ph.D. degrees submitted and awarded year-wise:

Year	No. of Ph. Ds	Year	No. of Ph. Ds
1965	3	1992	7
1966	5	1993	17
1967	5	1994	12
1968	8	1995	15
1969	16	1996	23
1970	13	1997	21
1971	13	1998	15
1972	17	1999	7
1973	7	2000	9
1974	13	2001	11
1975	11	2002	15
1976	14	2003	18
1977	16	2004	23
1978	13	2005	26
1979	10	2006	36
1980	5	2007	32
1981	11	2008	37
1982	7	2009	36
1983	6	2010	33
1984	6	2011	35
1985	3	2012	37
1986	2	2013	46
1987	0	2014	54
1988	3	2015	81
1989	2	2016	115
1990	8	2017	105
1991	7	Total	1090

Completed Higher Degree Disertations - 2017

FDTS

PILANI CAMPUS SEM-II 2016-17

S.No	BITS ID	Name	Title	Supervisor	Department
1	2012A3B1149P	Sonali Gupta	Study of stress and anxiety controlled by ventromedial hypothalamus	Prof. Cornelius Gross	Biology
2	2012A4TS301P	Afzal Ahmed Khan	Multi Echelon Inventory Management/Optimization	Dr. Satyendra kr. Sharma	Mechanical
3	2012A5TS514P	Shubham Gupta	Assesment of jan aushadhi yojana; state-of-the-art and what next ?	Dr.Gautam Singhvi	Pharmacy
4	2012B1A1673P	Subham Pravin rathi	To study the role of cr-RNA 1 in Salmonella pathogenesis	Dr. Sandhya Marathe	Biology
5	2012B1A1772P	Ashish Khanna Kanekanti	MITIGATION OF FLUE GASES FROM INDUSTRIAL WASTES THROUGH BIOREACTORS	Dr. Smita Raghuvanshi	Chemical
6	2012B1AB790P	Suryansh Rastogi	Developing a Framework for Bio-inspired Design	Dr. B.Vani	Biology
7	2012B1A1794P	Daksh Dutta	Control of bio-chemical process, and PID optimization using soft computing neuro-fuzzy algorithms.	Dr. AMIT JAIN	Chemical
8	2012B1A1800P	Sonali Kallani	Distribution of homologs of carboxysome lumen proteins across various phyla of Eubacteria	Sandhya Mehrotra	Biology
9	2012B1A1810P	Abhishek suresh	Genome wide Analysis of cis regulatory elements responsible for saline stress induction in wheat.	Dr. Rajesh Mehrotra	Biology
10	2012B1A1815P	Mansi Narang	Plant molecular biology and evolution in the area of plant productivity and photosynthesis	Sandhya Mehrotra	Biology
11	2012B1A2793P	TANMAY SHRIVASTAVA	ANALYSIS OF HYPOTHEICAL COUSERVED PLASMA PROTIENS	DR ASHISH DAS	Biology
12	2012B1A2802P	Shikhin Garg	Biochemical exploration of medicinal plants of Rajasthan	Dr. Pankaj Sharma	Biology
13	2012B1A2806P	Mayank Kumar	DESIGNING AN EFFICIENT SEWAGE TREATMENT PLANT	Dr.B. Vani	Biology
14	2012B1A2825P	Animesh kumar Maity	Role of CRISPR (crRNA2) in Salmonella pathogenesis	Dr. Sandhya Marathe	Biology
15	2012B1A2849P	Smarth Kakkar	Therapeutic Modalities of Herbal Drugs in Lung Cancer	Uma S Dubey	Biology
16	2012B1A3846P	Pajakta Joshi	To study the retinal responses using electrophysiological methods	Hiroki Asari	Biology
17	2012B1A4768P	Garima Gupta	Demand estimation of Scientific and Technological manpower for National priorities and Globalization	Dr. Satyendra kr. Sharma	Mechanical
18	2012B1A4786P	Rishabh Singh	Thermodynamic Analysis of Solar Power Plant	Dr. M.S.Soni	Mechanical
19	2012B1A4795P	Himanshu Gupta	Genomic analysis of cis element of Stress inducible promoter in wheat	Dr. Rajesh Mehrotra	Biology

S.No	BITS ID	Name	Title	Supervisor	Department
20	2012B1A4797P	Anuj Agrawal	Genome Wide analysis of ACGT element in stress induced wheat plant.	Dr. Rajesh Mehrotra	Biology
21	2012B1A4812P	Harshit Mathur	Anti-Cancer Properties of TRAIL and Lactoferrin	Uma S. Dubey	Biology
22	2012B1A4814P	Harshit Shasnce	Study on Solar Air Heater	Dr. M.S.Soni	Mechanical
23	2012B1A4821P	Maninder Goyal	Use of Nanoparticles in Lung Cancer diagnosis and Treatment	Uma S Dubey	Biology
24	2012B1A4851P	Tanmay kulshrestha	Quantitative model of miRNA target prediction	Dr. Anders Martin Jaeobsen	Biology
25	2012B1A8787P	VASUNDHARA GUPTA	Design and optimization of Frateal antena using HFSS	DR NAVNEET GUPTA	Eee
26	2012B1A8796P	Kriti Jain	Study of mRNA-miRNA interaction	Shibasish Chowdhury	Biology
27	2012B1A8811P	KUNAL JINDAL	Multiplexed In Situ Protein Detection	Dr Rajdeep Choudhari	Biology
28	2012B1A8813P	SRABASTI NANDI	Green mobile health monitoring system	DR SAINATH B	Eee
29	2012B1A8824P	Ankit Agarwal	Location Recognition using Feature Matching	Dr. K K Gupta	Eee
30	2012B1A8834P	Mudda Swathi Sree Durga	Understanding the interactions between mRNA and miRNA	Shibasish Chowdhury	Biology
31	2012B1A8845P	Gourav Bansal	ANALYSIS OF CIS REGULATORY ELEMENT IN MILK	Dr. Rajesh Mehrotra	Biology
32	2012B1A8847P	Abhinav GandOtra	Designing IOT based arsenic sensor device	Dr. S.K. Verma	Biology
33	2012B1A8852P	Kushal Jasoria	INNOVATIONS AND BUSINESS OPPORTUNITIES IN THE BIOLOGICAL SCIENCE SECTOR	Dr.Pankaj Sharma	Biology
34	2012B1AB799P	Kumar Sashwat	Analysisi of Wheat Genome	Rajesh Mehrotra	Biology
35	2012B2A1315P	Kartavya Khanna	Photo Physical and Theoretical Investigation of Model Schiff Base	Dr. Shamik Chakraborty	Chemistry
36	2012B2A1507P	PINKY MOOLANI	To create some pedagogical visualisation software tools in Quantum Chemistry	DR PRASHANT MANOHAR	Chemistry
37	2012B2A1760P	Jyothir Ghosh	Synthesis of Bimetallic Au@Se nanoparticles and their applications	Dr. Surojit Pande	Chemistry
38	2012B2A1774P	Rrahul Bharadwaj	Computational fluid dynamics study of downdraft gasifier with internal cyclonic combustion chamber	Dr.Pratik N. Sheth	Chemical
39	2012B2A2438P	ARCHIT AGGARWAL	Microstructure Characterization of Blended Cements	DR. BAHURUDEEN A	Civil
40	2012B2A2732P	Pratyksh Vijay	CATALYSIS OF COPPER AND PALLADIUM COMPLEXES	Dr. Saumi Ray	Chemistry
41	2012B2A2746P	Abhishek Sharma	Synthesis, Characterization and Catalytic application of metal nanoparticle decorated 2-D nanosheets of Fe ₂ O ₃ and OsO ₄	Dr. Surojit Pande	Chemistry
42	2012B2A4262P	Soumya Upadhyay	FMECA ANALYSIS OF MECHANICAL COMPONENT	Prof. R.P.Mishra	Mechanical
43	2012B2A4722P	Salman Anjum	Nanoparticle based catalytic oxidation reactions	Dr. Bibhas R Sarkar	Chemistry
44	2012B2A4749P	Isukapalli Sai Vamsi K.	Synthesis of new Mechanofluorochromic materials; Investigation of their structure-property relationship.	Dr. Sachin U Belgamwar	Mechanical

S.No	BITS ID	Name	Title	Supervisor	Department
45	2012B2A4753P	Anmol Pandey	Photo Physical and Theoretical Investigation of Model Schiff Base	Dr. Shamik Chakraborty	CHEMISTRY
46	2012B2A7549P	Shambhavi Mehrotra	PHOTOPHYSICAL PROPERTIES OF SCHIFFS BASE AND OTHER AMIDE BASED COMPOUNDS	Dr. Madhushree Sarkar	CHEMISTRY
47	2012B2A7767P	Mihir Biswal	Computational study of some cost-effective approximations to Fock-space coupled-cluster variants for energy and derivatives.	Dr. Prashant U Manohar	CHEMISTRY
48	2012B2A8649P	Chinmayee Vijay Bhamburkar	SYNTHESIS CHARACTERIZATION AND CATALYTIC ACTIVITIES OF IRON COMPLEXES	Dr. Saumi Ray	CHEMISTRY
49	2012B2A8778P	Shikhar Bhuddi	Internet of Things: Security and Privacy Challenges	Dr. Sainath Bitragunta	EEE
50	2012B2AB733P	Sarthak Mangla	COMPUTATIONAL STUDY OF HIGHLY CORRELATED ELECTRONIC STATES OF MOLECULED	Dr. Prashant U Manohar	CHEMISTRY
51	2012B2AB769P	RAHUL KRISHNAN	Development of Catalysis for Carbonylation of Glycerol	DR BIBHAS R SARKAR	CHEMISTRY
52	2012B3A1533P	ADITHYA S BHAT	Growth of Service Sector in India and Sustainability	DR RAJENDRA PRAMANIK	Eco and Finance
53	2012B3A1581P	Govinda Nathani	Life Cycle Analysis of a fertilizer Plant	Dr. Suresh Gupta	CHEMICAL
54	2012B3A1591P	Chetan Raj Pandey	Implementation of Big data analytics in efficient monitoring and control of Chemical Processes	Dr. Harekrishna Mohanta	CHEMICAL
55	2012B3A1605P	Akshay Morey	Modelling of desulphurisation unit by non linear statistical regression	Dr. Ajaya Kumar Pani	CHEMICAL
56	2012B3A1607P	Dhiraj Kapgate	Life Cycle analysis of carbon capture and storage process	Dr. Raman Sharma	CHEMICAL
57	2012B3A2414P	PANKAJ LAMBA	Dynamics of healthcare in India:A critical appraisal	Dr. Krishna M	Eco and Finance
58	2012B3A2582P	RAJAT JAIN	developing forecasting model for demand of a product	DR. SATYENDRA KUMR	CIVIL
59	2012B3A3519P	Aneesha Srivastava	Economic viability analysis of solar PV based distributed generation	ASHISH PATEL	EEE
60	2012B3A3537P	AMAN AGARWAL	Modelling the supply risk credit score	Satyendra Sharma	Eco and Finance
61	2012B3A3547P	NEHA TALESRA	MODELLING AND ANALYSIS OF MEMS PRESSURE SENSORS	DR NAVNEET GUPTA	EEE
62	2012B3A3602P	NAMAN GUPTA	Application of Game Theory in IoT	DR SAINATH B	EEE
63	2012B3A4403P	Pranav Kulkarni	Reliability	Prof. R.P.Mishra	MECHANICAL
64	2012B3A4415P	Kushagra Vijayvargiya	SUPPLY CHAIN MANAGEMENT	Prof. Srikanta Routroy	MECHANICAL
65	2012B3A4464P	Aman Takiyar	Application of IoT in Agriculture	Dr. A.K.Digalwar	MECHANICAL
66	2012B3A4548P	Nishchay Nagpal	Development of a framework for application of Reliability Centered Management	DR GAJANAN GUPTA	MECHANICAL
67	2012B3A4603P	VISHAD BHALODIA	Supply Chain Risk Assessment	DR SATYENDRA KUMAR SHARMA	Eco and Finance
68	2012B3A7463P	KOKANDAKAR AJINKYA HEMANT	Effect of Unconventional Monetary Policies on the Indian Economy	Dr. A.K. Giri	Eco and Finance

S.No	BITS ID	Name	Title	Supervisor	Department
69	2012B3A7479P	SALONI CHANDAK	Using mobile phones to improve healthcare across India using the system 99DOTS	Bill Thies	CSIS
70	2012B3A7503P	VATSAL GUPTA	Analysis of the factors affecting the profitability of financial institutions	Prof N.V.M Rao	Eco and Finance
71	2012B3A8452P	SHRIYA JAIN	Impact of Macroeconomic variables and market anomalies on volatility of Indian Stock market.	Rajan Pandey	Eco and Finance
72	2012B3A8551P	ANIRUDH GAUTAM	DPC Multivariate GARCH model on Indian Market	Rajan Pandey	Eco and Finance
73	2012B3A8559P	ARPIT GUPTA	Techno-Economic aspect of PV power generation in India	DR RAJNEESH KUMAR	EEE
74	2012B3A8594P	SAMAY PANDAOKAR	Empirical analysis of volatility forecasting models in India & implication of Efficient Market hypothesis.	Rajan Pandey	Eco and Finance
75	2012B3AB488P	Anit Bhagat	ACHIEVING INCLUSIVE GROWTH	Dr. Srinivas Kota	MECHANICAL
76	2012B4A1634P	Yash Tambi	Big Data in Process Control	Dr. Harekrishna Mohanta	CHEMICAL
77	2012B4A1652P	Varun Jain	Nonlinear modelling of sulphur recovery unit	Dr. Ajaya Kumar Pani	CHEMICAL
78	2012B4A1677P	Divyam Jain	TO study the Modelling, Simulation and Analysis of Bioreactors using MATLAB as a tool	Dr. Amit Jain	CHEMICAL
79	2012B4A2675P	RAAG KHANDELWAL	Dynamic classifier selection using meta learning	DR KAMLESH TIWARI	MATHS
80	2012B4A2704P	RAHUL JAIN	TRANSPORT PLANNING AND TRAFFIC SUMILATION AT USING STSTISTICAL MODELLING	DR. AMIT GOEL	CIVIL
81	2012B4A3173P	SATWIK PRABHU K	GRAPH CLUSTRING ALGORITHMS	DR RAJEEV KUMAR	MATHS
82	2012B4A3364P	AYUSH GOYAL	Asset Pricing in Over the Counter Markets	DR ARUN KUMAR VAISH	MATHS
83	2012B4A3622P	RAJEEV DUTT MISHRA	stochastic modelling of wind power based microgrid	DR H D MATHUR	EEE
84	2012B4A3631P	AKSHAY	Comparative study of some nature-inspired optimization techniques	DR CHANDRA SHEKHAR	MATHS
85	2012B4A3716P	AKSHIT GOEL	Performance Analysis of Spectrum Allocation Strategies in Cognitive Radio Network	DR RAKHEE	MATHS
86	2012B4A4511P	PAVAN KUMAR	Numerical Simulation of two oppositely charged drops	DR SHYAM SUNDER YADAV	MATHS
87	2012B4A4587P	VAIBHAV	High temperature thermal energy storage system with phase change material	DR P SRINAVASAN	MECHANICAL
88	2012B4A4731P	GRANDHI NAGA	NUMERICAL SIMULATION OF COMPRESSIBLE FLOW OF CARBON DIOXIDE THROUGH AN EJECTOR	DR SHYAM SUNDER YADAV	MATHS
89	2012B4A7138P	ILASHREE	Secure Multiparty Computing : Efficient Protocols and Voting	DR ASHUTOSH BHATIA	MATHS
90	2012B4A7258P	SWARAJ DALMIA	Proof Complexity	ABHISHEK MISHRA	CSIS
91	2012B4A7819P	AMITAYUSH THAKUR	PROgram Synthesis using Examples (PROSE) – automatic generation of programs from input-output examples at runtime	Naren Datha	CSIS

S.No	BITS ID	Name	Title	Supervisor	Department
92	2012B4A8624P	ARITRA DAS	Mathematical Modeling of AlGa _N HEMTs	DR V K CHAUBEY	MATHS
93	2012B4A8626P	Nikita Tanwani	EEG Signal processing	Dr. Pawan K. Ajmera	EEE
94	2012B4A8674P	BHAVYA VAID	Machine Condition Monitoring using Vibro-Acoustic Signal Processing	DR K K GUPTA	EEE
95	2012B4A8678P	KESHAV RAHEJA	Low Power Design Techniques : Dynamic Voltage and Frequency Scaling	Dr. Abhijit R. Asati	EEE
96	2012B4AB727P	Romanch Arya	Design and Development of Modular Production System in Learning Factory at BITS Pilani	Prof. K.S.Sangwan	MATHS
97	2012B4AB728P	SAGAR CHOURASIA	SUPPLY CHAIN MANAGEMENT	DR SRIKANT ROUTROY	MECHANICAL
98	2012B5A1379P	Lavleen Bhati	Study of Ferroelectric compounds by Multiple Scattering modeled X-Ray Photoelectron diffraction.	Rakesh Choubisa	PHYSICS
99	2012B5A1555P	Shefali Gupta	Quantum hall effect in graphene	Madhukar Mishra	PHYSICS
100	2012B5A1656P	Vaibhav Singh	Neutrino physics and it's astrophysical implications	Madhukar Mishra	PHYSICS
101	2012B5A1679P	NEIL DAVE	Study of hybrid semiconductors in the form of nanoclusters using density functional theory approach	DR DEBASHIS BANDHOPADHY	PHYSICS
102	2012B5A1705P	Premmasani Sri Krishna Prasad	Graphene layer on transition metals : Growth and Characteristics	Subhashis Gangopadhyay	PHYSICS
103	2012B5A1711P	Amey Pathak	Machine learning modelling of chaotic time series	Rakesh Choubisa	PHYSICS
104	2012B5A1719P	Nandan Luthra	Properties and Characteristics of Semi Conductor Thin Films	Subhashis Gangopadhyay	PHYSICS
105	2012B5A2604P	ARUN PILLAI	Analysis of Soil Resistivity	DR. SHIBANI K JHA	CIVIL
106	2012B5A2681P	Anchal Garg	STUDIES ON AN-ISOTROPIC HYDRODYNAMICS AND ITS APPLICATIONS	Madhukar Mishra	PHYSICS
107	2012B5A2709P	NAMAN MUNOT	WATER QUALITY ANALYSIS ON RIVER GANGA	DR R SRINIVAS	CIVIL
108	2012B5A2712P	Yashvardan Chamoli	Study of Hydrogen Storage and Dissociation using Density Functional Theory	Debashis Bandyopadhyay	PHYSICS
109	2012B5A3546P	Rohit Goel	Power management design techniques: Dynamic voltage and frequency scaling	Dr. Abhijit R Asati	EEE
110	2012B5A3554P	Saurjya Sarkar	Study of surroundings of YSOs near 30 Doradus using JUST data	Kaushar Vaidya	PHYSICS
111	2012B5A3641P	Pawas Sandesh Shukla	Designing an algorithm to embed a nanoparticle within shells of empty cells for the strengthening of the multiple scattering calculations	Rakesh Choubisa	PHYSICS
112	2012B5A3645P	Vatsal Panwar	Design and Development of UWB polygonal patch antenna	Dr. Rahul Singhal	EEE
113	2012B5A3651P	Mohit Bhardwaj	Epoch of Reionisation studies: Understanding Artefacts in the data due to shape of the Telescope Beam	DR RACHEL WEBSTER	EEE
114	2012B5A3663P	KUNJESH AGASHIWALA	Study of Transition Metal Di-Chalcogenide based optoelectronic devices	DR V K CHAUBEY	EEE
115	2012B5A3697P	Anamika Aggarwal	Upgrade of level -1 Trigger	Dr. Praveen Kumar AV	EEE

S.No	BITS ID	Name	Title	Supervisor	Department
			for CMS (compact muon Solenoid) detector.		
116	2012B5A4411P	Aditya Rakesh Kulkarni	THIN-WALL MACHINING	Dr. T.C.Bera	MECHANICAL
117	2012B5A4579P	Mukul	Graphene Layer on Transition Metals : Growth and Characterization	Subhashis Gangopadhyay	PHYSICS
118	2012B5A4693P	Adit Makhijani	Condensed Matter Experimental Physics	Anshuman Dalvi	PHYSICS
119	2012B5A7589P	RAJATH S	PARALLELIZATION OF SEARCH AND DATA REPRESENTATION ALGORITHMS	S. BALASUBRAMANIAM	CSIS
120	2012B1A7801P	PRABODH AGARWAL	Incremental deployment of SDN in enterprise networks	K HARIBABU	CSIS
121	2012B5A8529P	Ashutosh Tripathi	DFT study of silicon based Hybrid Semiconductor Clusters	Debashis Bandyopadhyay	PHYSICS
122	2012B5A8565P	Shalini Mitra	Fabrication and Characterization of Solid Polymer Electrolyte	Anshuman Dalvi	PHYSICS
123	2012B5A8567P	SUMANTRA SHARMA	Solvent effect on absorption and fluorescence spectra of cinchonidine	DR D D PANTH	PHYSICS
124	2012B5A8644P	Mihir Sharma	DFT study of Ge based hybrid semiconductor clusters	Debashis Bandyopadhyay	PHYSICS
125	2012B5A8684P	Vipul Vaidya	Optimization of Quantum Systems using Genetic Algorithm	Jayendra N Bandyopadhyay	PHYSICS
126	2012B5AB469P	Tejas Anil Bugdani	Quantum Mechanical processes in Avian Magnetoreception	Jayendra N Bandyopadhyay	PHYSICS
127	2012B5AB596P	Sai Venkata Reddy Anumula	DFT study of transition metal doped hybrid semiconductor nanoclusters	Debashis Bandyopadhyay	PHYSICS
128	2012B5AB647P	Mudit Gandhi	Nassicon based Ceramic and glass conductivity testing	Anshuman Dalvi	PHYSICS
129	2012B5AB659P	Varun Iyer	Using physical models to analyse the stock market	Madhukar Mishra	PHYSICS
130	2012B3A3468P	SHIKHAR KEJRIWAL	SPARE PARTS INVENTORY MANAGEMENT	Satyendra Sharma	Eco and Finance
131	2012C7A2850P	RAHUL BUDHADEV	ENVIRONMENTAL ENGINEERING	DR. ANUPAM SINGHAL	CIVIL
132	2012C7B3844P	SHRADDHA PANWAR	CoCo (Contingent Convertible) Bonds price Modeling using R programming	Dr. A.K Giri	Eco and Finance
133	2013A1TS747P	Suvesh Lalwani	Synthesis and Characterization of Aggregation Induced Emmission Pt complex encapsulated in mesoporous silica nanoparticles	Dr. Banasri Roy	CHEMICAL
134	2013A2TS101P	LEELA MANAS BAYIREDDY	PATTERN RECOGNITION FROM TRANSPORTION DATA	DR PRASANTA KUMAR SAHU	CIVIL
135	2013A2TS008P	YIMKUM I OZUKUM	USING WT DISTRIBUTION BY FIELD EXPERIMENT RESISTIVITY TEST	DR SHIBANI JHA	CIVIL
136	2013A2TS657P	HIMANSHU SETIA	Behaviour of coupling beams.	DR DIPENDU BHUNIA	CIVIL
137	2013A3TS216P	Abhishek Shankar	Neuromorphic architectures and their simulation	Dr. Chandra Shekhar	EEE
138	2013A3PS315P	RAGHU RAMI REDDY BALLARY	#N/A	DR RAJNEESH KUMAR	EEE
139	2013A3TS070P	Dishant Sangani	Carbon Nanotube based Piezoresistive sensors	DR MARTIN CLAUS	EEE
140	2013A3TS250P	PRAJYOT GUPTA	Reconfigurable approximate	DR AKASH KUMAR	EEE

S.No	BITS ID	Name	Title	Supervisor	Department
			computing systems		
141	2013A3TS326P	ANUJ YADAV	Automatic Tuning of Probe Noise for Continuous Acoustic Feedback Cancellation in Hearing Aids	DR G M SUNDARAM	EEE
142	2013A4TS002P	Saurav Dwivedi	Analysis of bearing defects	Dr. Arun Kumar Jalan	MECHANICAL
143	2013A4TS048P	Sagnik Mukherjee	HEAT EXCHANGER DESIGN FOR REFRIGERATION SYSTEM	Dr. M.S.Soni	MECHANICAL
144	2013A4TS084P	Sayyed Mudassir Ali	Estimator design for sequential hybrid system.	Dr. Amol Marathe	MECHANICAL
145	2013A4TS143P	Yash Talwekar	Multiple Scales Analysis of Wind Turbine Blade Vibrations	Dr. Shyam Sunder	MECHANICAL
146	2013A4TS170P	Ritwok Subir Das	SUPERSONIC TWO PHASE FLOW OF CO ₂	Dr. Shyam Sunder	MECHANICAL
147	2013A4TS191P	Tejas Shivanand Mane	Heat transport in collisionless plasmas	Dr. Mari Chandra	MECHANICAL
148	2013A4TS221P	Nishant Elkunchwar	Study of kinematics of flow in deformable medium using Riemannian geometry	Dr. Tapomoy Guha Sarkar	MECHANICAL
149	2013A4TS227P	Sagar Shorey	Integration of Solar Thermal Systems with Thermal Power Plants	Dr. M.S.Soni	MECHANICAL
150	2013A4TS252P	Apoorv Vaish	Design, Prototyping and Testing of Soft Robots	Dr. Pablo Valdivia	MECHANICAL
151	2013A4TS266P	Akshat Jain	MECHANICAL BEHAVIOUR OF COMPOSIT MATERIAL	Dr. Mulali Palla	MECHANICAL
152	2013A4TS305P	Shyam Sundar Sankaran	Transport processes in magnetized plasmas	Dr. Mani Chandra	MECHANICAL
153	2013A4TS336P	Aranav kacker	APPLICATION OF NERUAL NETWORKS IN ROBOTICS	Prof. B.K.Rout	MECHANICAL
154	2013A4TS352P	Arun Sreyas Palle	Design of a Waste-to-Energy Reactor	Mr. Christian Stauble	MECHANICAL
155	2013A4TS373P	Chandan Stija	Motion Planning of Biped Robots	Prof. B.K.Rout	MECHANICAL
156	2013A4TS389P	Rohan Sanghvi	Thermal Management of MEMS Systems	Dr. M.S.Soni	MECHANICAL
157	2013A4TS402P	S.Rahul	Aeroelastic Flutter on large wind turbine blades	Dr. Sandeep Dhar	MECHANICAL
158	2013A4TS410P	Chandra Bhan Singh Ch.	Numerical Analysis of Ball Bearing	Dr. Arun Kumar Jalan	MECHANICAL
159	2013A4TS753P	Siddhant Pundir	Study of Energy and Efficiency of Machine Tools	Prof. K.S.Sangwan	MECHANICAL
160	2013A5TS929P	Amit Pratik Sinha	DESIGN SYNTHESIS AND EVALUATION OF ANTI-CANCER AGENTS	Dr. Hemant R Jadhav	PHARMACY
161	2013A5TS941P	Uday Joshi	Design, synthesis and in-vitro evaluation of anticancer agents	Dr. Hemant R Jadhav	PHARMACY
162	2013A7TS018P	Abhinav Baid	A DSL for automatic optimization of DSP pipelines	Uday Reddy B	CSIS
163	2013A7TS039P	BAPIRAJU V. TADIKONDA	Constructing Resources for Code-Mixed Text	YASHVARDHAN SHARMA	CSIS
164	2013A7TS073P	SHIVIN SHRIVASTAVA	Development and Design of a distributed data structure for anytime mining of data streams	POONAM GOYAL	CSIS
165	2013A7TS078P	YASHASVI GALAV	Firearms detection from video feed	NAVNEET GOYAL	CSIS
166	2013A7TS079P	ADITYA SHARMA A.S.	Parallel Clustering Algorithms	POONAM GOYAL	CSIS
167	2013A7TS083P	KSHITIJ BUDHANI	Medical Image Analysis using Deep learning techniques	SUNDARESAN RAMAN	CSIS

S.No	BITS ID	Name	Title	Supervisor	Department
168	2013A7TS087P	GAYATRI H BHAT	Computational Modeling of Grammatical Constraints on Code-Switching	Monojit Choudhury	CSIS
169	2013A7TS100P	ANUJ BANSAL	SLAM FOR MULTI-ROBOT-SYSTEM	SUDEEPT MOHAN	CSIS
170	2013A7TS119P	SANKEET SHAH	Device-to-device file sharing as a network substrate	Bill Thies	CSIS
171	2013A7TS126P	GYANENDRA MISHRA	ADVANCING PROTECTION OF CYBER PHYSICAL SYSTEM	Aditya P Mathur	CSIS
172	2013A7TS129P	PURAV SHAH	Language Detection and its application to Machine Translation	Gopal Srinivasa	CSIS
173	2013A7TS149P	ATISHAY JAIN	PARALLEL FRAMEWORK FOR DENSITY BASED SUBSPACE CLUSTERING	POONAM GOYAL	CSIS
174	2013A7TS161P	GARGI SHARMA	Text Summarization using Paraphrase Detection in Indian languages	YASHVARDHAN SHARMA	CSIS
175	2013A7TS164P	NITESH VIJAY	End to end Encrypted Chats synced across multiple devices of user	Yatin Sarbalia	CSIS
176	2013A7TS179P	NILAY JAIN	CONFIGURATION AND PROGRAMMING OF HIGH PERFORMANCE COMPONENTS	Devashish Sharma	CSIS
177	2013A8TS186P	NANI VISHNU VARDHAN REDDY	Design and Optimization of Infrared based Free Space Optical Networks	DR RAHUL SINGHAL	EEE
178	2013A8TS272P	Gsrvit Goel	Implementation of RCAC algorithm on FPGA	Dennis S . Rernstein	EEE
179	2013A8TS343P	ACHINT MITTAL	Harnessing Automobiles for Safety	GOPAL SRINIVASA	EEE
180	2013A8TS404P	GAURAV SHRIVASTAVA	Extraction of spatial entities from text and associated information	DR MATHIEU ROCHE	EEE
181	2013A8TS427P	R.S.Veerarraghavan	Quantum Transport using NEGF formalism	KARI BABU RAVI TEJA	EEE
182	2013ABTS573P	Aditya Pande	Gesture recognition based control for industrial robots	Prof. B.K.Rout	MECHANICAL
183	2013ABTS745P	Mridul Gupta	Understanding various aspects of post harvest supply chain of perishable and semi perishable agricultural products	Dr. Murali Palla	MECHANICAL
184	2013ABTS771P	Hemabh Trivedi	: Development of framework for estimation of manufacturing process reliability	Prof. R.P.Mishra	MECHANICAL
185	2013B1TS860P	Ritaik chakradhau	Understanding miRna-mRna interaction profile using network theory	Dr.Shibasish Chowdhury	BIOLOGY
186	2013B5TS448P	Namitha Suresh	Electroweak Baryogenesis in the Froggatt-Nielsen Mechanism with Varying Yukawas	Geraldine Servant	PHYSICS
187	2013B5TS960P	Soma Mishra	Fabrication and low-temperature characterization of superconducting thin film microwave resonators of Aluminum and Niobium	Vibhor Singh	PHYSICS
188	2013D2TS988P	YASHODHARA	Predicting energy efficient behaviour based on people's value systems, beliefs and attitudes: A comparative case study of India and Germany.	DR SAILAJI N	HSS

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S.No	ID No	Name	Title	Supervisor	Department
1.	2012B3A7479G	Abhinav Mittal	Personal profiling using web data mining	Dr. Bharat M Deshpande	CS&IS
2.	2013A7PS464G	Rajat Gupta	using Artificial Intelligence to optimise healthcare analytics	Dr. Veeky Baths	CS&IS
3.	2012B5A8276G	Shrey Pareek	Neutron stars with Dark Matter Core	Kinjal Banerjee	Physics
4	2013A1PS521G	Narayani Kelkar	control of Non Square systems	Dr.Dhanya Ram V	Chemical Engg
5	2012B5A8538G	Shashank Gupta	Some Aspects of dark matter phenominology searching for dark matter in collidar & astrophysics	Dr. Prasanta Kumar Das	Physics
6	2012B4A7714G	Ayush Pandey	Analysing Bram signals using machine Learning	Dr. Alpesh M. Dhoiraja	Mathematics
7	2012B2A7629G	Sagar Verma	QSPR modelling of super Critical Solvents	Dr. Raghu Nath Behra	Chemistry
8	2012B2A16114	Vipul Goyal	Synthesis of Polybenzimidazole based membrane	Dr. Jegatha N Krishnan	Chemical Engineering
9	2012B3A3385G	Atishay Jain	Analysis of Indian financial market behaviour	Dr.Anoop S Kumar	Economics
10	2013A4PS856G	Dhaval Milind Mohandas	Nonstandard Finite Difference methods to partial differential equations.	Dr. P Dhanumaya	Mechanical Engineering
11	2013A4PS394G	Sri Bhaswath Akella	Engine performance study and misfire detection in S.I. Engine	Dr. Shibu Clement	Mechanical Engineering
12	2013B4PS543G	Ahuja Jiten Amar	Special functions and summability methods	Dr. Pradeep Boggarapu	Mathematics
13	2012B4A4412G	Ambareesh Rathi	Simulation of high temperature wear behaviour of TBC surfaces using Abacus	Dr. G. Karthikeyan	Mathematics
14	2012B4A4443G	K. Balaje	Discontinuous galekin finite element methods (DGFEM) for the nonlinear parabolic PDEs	Dr. P. Dhanumjaya	Mathematics
15	2012B5A8366G	Swapnil milind Mhatre	I- Dimentinal P-n junction nanorods for photovoltaic applications	Dr. Dipankar Pal	EEE
16	2013A8PS478G	C. A . Valliappan	Hardware software to desing for variable high voltage and accurate pulse generator	Dr. A. Amalin Prince	EEE
17	2012B3A8440G	Ankur Madiyan	Research on antennas and their applications	Dr. Sudeep Baudha	EEE
18	2013A1PS423G	Kabir Dingra	High pressure vapour- liquid equilibrium at different temperature and pressure	Prof. Srinivas Krishnaswamy	Chemical Engineering
19	2013A1PS648G	Luv Sharma	Fabrication of Gold Nanostructure arrays using Modified Nanosphere Lithography	Dr. Jegatha N Krishnan	Chemical Engineering
20	2013A1PS107G	Priyanshi H Vadalía	Experimental determination of a modelling equation for the rate of coking in crude oil	Prof. Srinivas Krishnaswamy	Chemical Engineering
21	2012B1A4594G	Anuraag Gupta	Intrinsic disorder in transmembrane proteins: Role in signalling and topology prediction	Dr. Sukanta Mondal Dr. G Karthikeyan	Biology
22	2013A4PS361G	Akshay Anandrao Sonandkar	Optimizing resource usage in manufacturing of plastic components.	Dr. Mridula Goel	Mechanical Engineering
23	2013A4PS332G	Harshit Garg	Stress field in random composite	Dr.Gaurav Singh	Mechanical Engineering

S.No	ID No	Name	Title	Supervisor	Department
24	2013A4PS387F	N. Adithiya	Dynamic mechanical Analysis of Composite materials	Dr. Sachin Waigaonkar	Mechanical Engineering
25	2013A4PS288G	Varun Raj	Identification of MR Damper equation : Numerical & Experimental approach	Prof. P.M. Singru	Mechanical Engineering
26	2012B1A4649G	Prateek Kachoria	On-Site electro-chemical waste water treatment	Prof. M. Srikanth	Biological Sciences
27	2013B3PS499G	Abhinav Setia	Forecasting employment demand and trade: Regional I O approach in Europe	Dr. Debasis Patnaik	Economics
28	2013A1PS223G	Chindhade Aditya Girish	Experimental investigatins on coke reduction in refinery systems using HTFIS testing	Dr. Srinivas Krishnaswamy	Chemical Engineering
29	2012B5A8428G	Anuj Gupta	Design & Implementation of RISCv Pipeline for superscalar micro architecture	K. R. Anupama	EEE
30	2013A3TS175G	Tanmay Anil Patil	Implementation of amplitude equilisation and short time fourier transform on FPGA	Dr. A Amalin Prince	EEE
31	2012B3A8536G	Divya	The use of Big Data for social Sciences Research -A Reference to Indian Industry	Dr.Aswini Kumar Mishra	Economics
32	2012B5A4716G	Vijit Maithel	Dynamics of simplified monsoon models	Prof. J. Srinivasan	Mechanical Engineering
33	2012A4B5299G	Akshay Binwale	Study of Novel Condensor coil with Pre-Cooling in an Air Conditioning System	Prof. Poh Seng Lee	Mechanical Engineering
34	2012B1A4652G	Karthik Srinivasan	structural and functional characterisation of an essential subcomplex of the 120MDa nuclear pore complex	Prof. Andre Hoelz	Biological sciences & Mechanical
35	2012A3B5042G	Ameya Riswadkar	Feedback Design in in Super Conducting Quantum Computation	Dr. Rajamani Vijayaraghavan	Physics
36	2013A7PS012G	Patel Pratyush	Use of multicore processors and CPU's in real time systems	Dr. Ragunathan	CS&IS
37	2012B1A3696G	Rahil Parekh	Brain Computer Interfaces Based On EEG Signals	Dr. Luca Mesin	Biological Science
38	2012B3A8498G	Naman Gupta	Application of econometrics concepts like inverse reinforcement learning techniques to Biomedical Robots and then, examining its economic feasibility	Professor Micheal Yip	Economics
39	2012B4A4517G	Varun Chopra	Thermal and Mechanical FE-modelling of additive manufacturing by selective laser melting	prof. Henry Koelher	Mathematics
40	2012B4A4726G	Shreyas Rajapol	Design of helicopters without trail rotors	Dr. Karunakaran	Mechanical Engineering
41	2012B2A3495G	Sahil Tapiawala	Bio-Inspired Robotics and Sensing	Dr. Pablo Valdivia Y Alvarado	EEE
42	2012B1A3700G	P Bharath Srinivas	Approximate Computing for Healthcare	Prof. Akash Kumar	EEE
43	2013A4PS294G	Anmol Sahoo	Development of PyFOAM	Dr. Shivasubramanian gopalkrishnan	Mechanical Engineering
44	2013A4PS369G	Taaresh Sanjeev Taneja	Computational Multi Fluid dynamics development for sumulation for filling & solidification in a casting process	Dr. Atul Sharma	Mechanical Engineering
45	2013A4PS170G	Shubham Basavaraj Karpe	Numerical simulation using Direct simulation Monte Carlo	Dr. Upendra Bhandarkar	Mechanical Engineering
46	2013A4PS015G	Salil Pai	Direct numerical simulations of multiphase flows	Dr. Rajaram lakkaraju	Mechanical Engineering

S.No	ID No	Name	Title	Supervisor	Department
47	2013A4PS235G	Shantanu Yachhani	Analysis of PV- powered latent heat storage for cooling application	Dr. mohammad arifeen wahed	Mechanical Engineering
48	2012B2A4638G	Shashwat Verma	Study and application of electro-mechono chemical sensors in autonomous and intelligents systems for universal autonomy safety and user interaction	Prof. Marcelo H Ang Jr.	Chemistry
49	2012B2A3579G	Riddhish Pandharkar	DFT based investigation on ACF for CH-bond activation	Prof. Dr. Beate Paulus	Chemistry
50	2012B2A3547G	Abhay Sarda	Defect characterization of multiey staline silicon solar cells	Dr. Joel LI Bingru	Chemistry
51	2012B4A7571G	Yash Shirish kasture	Face detection from images using neural networks	Juho Kannala	Mathematics & computer Science
52	2012B4A3711G	kshirsagar Rutuja milind	Bounds on the size of codes	Dr. Krishna Kaipa	Mathematics
53	2012B4A3712G	Janvi Palan	Algorithms for Optimal state sharding in software defined networks	Dr. Paolo Giaccone	Mathematics
54	2012B3A8464G	Aashima Garg	Product catalogue management using statistical analysis	Mr. Madhu Konety (9972585406)	Economics
55	2012B5A8419G	Apoorva Savant	A Study of the suitability of fixed focus optics (as seen in consumer webcams) for their implementation in pupil - tracking applications.	Prof. Mandar Rane	Physics
56	2012B5A4717G	More Sanmit Mukund	Particle image velocimotry measurements of Inclined jets	Dr. Amit Agrawal	physics
57	2012A3B5038G	Samyukta Ramnath	A Moulding framework for dynamical activity in a Macroscopic Region of the brain	Sitabhra Sinha	Physics
58	2011B5A4362G	Mohit W. Patil	Developing the Methodology of using acoustic waves to measure none properties and monitor bone health	Prof. Dr. William R. Taylor	Physics
59	2012B5A3325G	Achint Kumar	Characterization of Human lens Epithelial cells suing Raman Micro-Spectroscopy	Dr. Sangeeta Muruglar	Physics
60	2012B5A4548G	Siddhant Baweja	Solar Energy Utilization	Prof. Ranjana Jha	physics
61	2012B5A3427G	Radhika Nikam	Traffic flow dynamics in Transportation systems using Non-Linear Density wave analysis	Prof. Biplab Sikdar	Physics
62	2012B1A3656G	Siddhi Shyam Ozarkar	Understanding the circuit mechanism by which odors modulate a Fly's Locomotion	Dr. Vikas Bhandawat	Biological Sciences
63	2012B1A3662G	Devansh Raj	Molecular Mechanism --- form plasticity in pristonchus nematodes	Dr. Ralf Sommer	Biological Sciences
64	2012B1A8701G	Radha Vaidya	Computing with brain signals for the development fo brain machine interfaces	Dr. Laura M Oliveira	Biological Sciences
65	2012B1A3670G	Prabhav Mehra	Healthcare device system using the brain computer Interface (BCI) for persons with disability	Prof. Raymong Tong	EEE
66	2012B1A7327G	Ram Alias Gaurav Girish Tamba	EEG-based photo diary app: Automatic picture taking in response to state of mind changes	Dr. Marc M. Van Hulle	Biology

67	2013B5TS364G	Rohit H Nararathna	Superconducting 3D Transmon Qubit: Desing, Fabrication and Measurements"	Dr. Vibhor Singh	Physics
68	2013A3PS348G	Pranav Pal Lekhi	Cooperative Hybrid Automatic Report Request (HARQ)	Tommy Svensson	EEE
69	2012B5A3514G	Bittu N	Implementation of High Speed Control electronics for atomic force microscopy	Mani Chandra	EEE
70	2012B4A3737G	Akshar Gupta	Real time face capture and re-enactement algorithms	Harikrishna valiyath	EEE
71	2012B3A8411G	Bhavya Aggarwal	Information and communication technology and Gender Inequality	Prof. Hema Swaminathan	EEE
72	2013A8PS678G	Yash Choudhary	Bridging the Gap between image and Text Data	Lu Wei	EEE
73	2012B2A3601G	Garima Yadav	Discrete components based prototype development for JOT application (Field: Biomedical Instrumentation)	Prof. Kari Halonen	EEE
74	2013A8PS790G	Addanki VLSS Vamsi Krishna	Software Defiend network data-plane with FD.io	Dr.Dario Rossi	EEE
75	2013A8PS715G	Pranav Rai	Joint Sequence Labelling using Neural Nets	Dr. Krik cambria	EEE
76	2012B5A7530G	Kevin Abraham	Machine Learning	Mr. Viral Parmar	CS&IS
77	2013A7PS113G	Rumana Lakdawala	Building a Visual representation of a scientist network, based o their publications data, using existing open source tools	Phillippe Cailou	CS&IS
78	2012B1A7735G	Janani Durairaj	Protein - Protein interface prediction Using Machine Learning Methods	Aalt Jan Van Dijk	CS&IS
79	2013A7PS065G	Sudhindra Sajjalguddam	Anomaly detection and correction for time series data	Harish Singh Negi	CS&IS
80	2013A7PS076G	Vishnu C. R	Indoor Human surveillance and pattern recognition	Dr. Dinesh Babu J	CS&IS
81	2012B3A7519G	Siddharth Sankaran Dinesh	Study of cross language literature recommendations	Dr. Joeran Beel	CS&IS
82	2012B5A7483G	Priyanka M. P.	Anatomy Localization in Medical images using Deep Learning	Guillaume Charpait	CS&IS
83	2013A7PS055G	Raghau Passi	Prius - Priority Inbox	Gopal r. Srinivasa	CS&IS
84	2012B3A7371G	Abhishek Mohta	Ideation of an artificial intelligence enhanced angelic verification module for analysis of large scale code base	Mr. Gopal Srinivasa	CS&IS
85	2012B4A3545G	Chirag Shekhar	Applications of statistical methods and estimation algorithms	Prof. Dr. Mark Trede	EEE
86	2013A7PS067G	Ananya Girraj Garg	Artificial intelligence in a logical programming paradigm	Prof. G Sivakumar	CS&IS
87	2012B4A7616G	Kandregula S.S. Priyanka	Application of Number Theory in Cryptography	Dr. R. Thangadurai	Mathematics
88	2012A1PS672G	Akshat Kohli	Biological Nutrient removal process for sewage Treatment plants in Smart Cities : Reuse and Recycle	Dr. Manish Jain	Chemical Engineering
89	2012B5A1727G	Devdutt Sharma	Mixing processes in the bay of Bangal	Prof. Rama Govindarajan	Chemical Engineering
90	2012B2A1636G	Hardik Hingorani	Chemical Synthesis of 3D Printable functional Materials	Dr. Kevin Ge Qi	chemical engineering
91	2012B2A1610G	Tanmay Netke	Removal of Soft Particles by Microfiltration Membranes	Prof. Dr. Mathias Ulbricht	Chemical Engineering

92	2013A1PS454G	Abhijay Giri	Fischer-Tropsch synthesis - Alternative process Configurations	Seethamraju Srinivas	Chemical Engineering
93	2012B5A4329G	Sagnik Bhattacharya	Analysis of Stress & Strain in Gas turbines using finite Element method	B K. Jha	Physics
94	2012B5B4247G	Ashwin Krishnan	Index theories for quantum graphs	Dr. W.D. Van Suijlekom	Mathematics

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HYDERABAD CAMPUS SEM-II 2016-17

S.No	BITS ID	Name	Topic	Supervisor	Department
1	2012B2A1851H	SUDDHAPALLI S S SHARAT KUMAR .	A Comprehensive three dimensional CFD modeling of planar solid oxide fuel cell	Dr. Subhas Ghosal	Chemistry
2	2012B2A3833H	MANE ANIKET CHANDRAKANT .	Design and analysis and modelling of graphene and other metal oxide semiconductors in electronic devices	Dr. Durba Roy	Chemistry
3	2012B2AA608H	RANADE OMKAR VIVEK	Calculation of electronic band structure of semi conducting materials	Dr. Subhas Ghosal	Chemistry
4	2012B2AA674H	ADAVENI SAI CHARAN KUMAR .	Synthesis and characterization of nanomaterials and their catalytic applications	Dr. Ramakrishna Ganesan/Dr. Balaji Gopalan	Chemistry
5	2012B2AA708H	JAYANT .	Structural properties of solid through molecules dynamic simulations	Dr. Subhas Ghosal	Chemistry
6	2012B4A2699H	ROUTHU POOJITH GOUD .	Stochastic models for decision making in different alternatives using cross entropy & fuzzy sets	Dr. P T V Praveen Kumar	Mathematics
7	2012B4A3922H	ABHISHEK VARMA ALLURI .	A mesh free solver for inviscid compressible flows	Dr. Anil	Mathematics
8	2012B4A4665H	VANKADARA VENKATA RAMA MAHENDRA	Transport phenomena non-cartesian orthogonal curvilinear co-ordinates	Dr. T S L Radhika	Mathematics
9	2012B4AA593H	NUJARLA SAI AVINASH .	Mathematical modeling of transport phenomena in non cartesian orthogonal co-ordinates	Dr. T S L Radhika	Mathematics
10	2013B4TS428H	KOMAL PREMSHANKAR AGRAWAL .	Topics in categorical commutative algebra & algebraic geometry	Dr. Abhishek Banerjee/Dr. Jagan Mohan J	Mathematics
11	2012B5A1444H	AVASARALA SATYA TEJA .	Fabrication of microfluidic channels for guiding and tracking of cancer cells for hyper thermal applications	Prof. Kannan Ramaswamy/PRof. Sanket Goel	Physics
12	2012B5A3544H	SUHRUDH REDDY SANNAPA REDDY	Air showers analysis using CORSIKA (A detailed software for extensive airshower	Dr. Rahul Nigam	Physics
13	2012B5A3601H	CHANDEKAR PRANAY DIPAK .	Optimization of CRM and PWA modules for ALICE board and monitoring of cosmic rays data	Dr. Rahul Nigam	Physics
14	2012B5A4605H	NELANUTHALA V S ASHWIN .	Synthesis and characterization of silica based magneto-plasmonic Nano beads and investigations of its suitability for hyperthermia applications	Prof. Kannan Ramaswamy/Dr. Sashideep Gutti	Physics
15	2012B5A4667H	KUSUMANCHI SURYA VAMSI .	Study and simulation of soft magnetic structures	Dr. Satya Narayana Murthy	Physics
16	2012B5A8662H	SANNE UJWAL SRIHARSHA .	Determination of curvature of cornea from digital images	Prof. P K Thiruvikraman	Physics
17	2012B5AA261H	KOPPARTHI	Renormalization of charge in	Dr. Rahul Nigam	Physics

S.No	BITS ID	Name	Topic	Supervisor	Department
		VENKATA RATNAM BHARADWAJ	Quantum electrodynamics		
18	2012B5AB581H	SRI AMARNATH MUTYALA .	Statistical Mechanics of Money	Prof. P K Thiruvikraman	Physics
19	2013B5TS450H	MANWATKAR CHARUDATTA RAVINDRA .	Phase sensitive electromagnetically induced transparency	Prof. Andal Narayanan/Dr. K V S Chaitanya	Physics
20	2013B5TS503H	JULIUS .	The expected characteristics polynomial of one dimensional random band matrices	Prof. Yan Fyodorov/Prof. P K Thiruvikraman	Physics
21	2013A1TS411H	AISHWARYA NAIR .	Computational fluid dynamics simulation of multiphase flow using VOF method in axisymmetric geometry	Dr. Ratul Das Gupta/Dr. Vikranth Kumar Surasani	Chemical Engineering
22	2013A1TS511H	BHASKAR PURUSHOTTAM SOMAN .	Developing 3D printer filaments that are biomaterial based and eco-friendly	Dr. Sounak Roy/Prof. Srikanta Dinda	Chemical Engineering
23	2013A1TS701H	NIMMAKAYALA VENKATANAGADE EKSHA .	Characterization of resole type reins	Dr. Ramesh Babu A/ C Sharada Prabhakaran	Chemical Engineering
24	2013A2TS392H	KOTASAIKUBAIR .	Assessing the seismic failure of hybrid structures using coupled damage plasticity theory-A Fracture mechanics approach	Mr. Kalyana Rama J S	Civil Engineering
25	2013A2TS554H	HRIDYESH RAJ TEWANI .	Finite element mechanics of bio-films	Dr. Chandu Parimi/Dr. Amrita Priyadarshini	Civil Engineering
26	2013A2TS581H	REETI SARKAR .	A new approach to wind analysis of building	Prof. P N Rao/Dr. Sabareesh G R	Civil Engineering
27	2013A2TS897H	PATIL RANJIT RAJIV .	Strengthening a Tubular Structure with Irregular Plan Configuration Subjected to Seismic Load	Mr.Kalyana Rama J S/Dr. Mohan SC	Civil Engineering
28	2013A4TS047H	FURQAN .	Development of surface Plasmon resonance sensor for detection of oral cancer	Prof. Yogeeswari/Dr. Arshad Javed	Mechanical Engineering
29	2013A4TS061H	SURYADEVARA PRUTHVI .	Design a workable airborne wind turbine using CFD and FEA simulations	Prof. Jeevan Jaidi	Mechanical Engineering
30	2013A4TS105H	PARVATHY K K .	Numerical simulation of particle motion in stress driven cavity	Dr. Henbrik/Dr. Supradeepan K	Mechanical Engineering
31	2013A4TS303H	B V SAMEER KUMAR .	Parallelization of 2D Nas solver using MPI	Dr. Supradeepan K	Mechanical Engineering
32	2013A4TS447H	SMRITI SHAH .	Design, analysis and control of bio-inspired actuators	Dr. Pablo Valdivia Y/Dr. Sabareesh G R	Mechanical Engineering
33	2013A4TS461H	BHARADWAJ G V .	Development of 3D unstructured solver for solving N-S equation of incompressible flows using CFR scheme	Dr. Supradeepan	Mechanical Engineering
34	2012B4AB864H	THOMMANDRA SAI KAUSHIK .	Understanding the material characteristics and machining behavior of tungsten heavy alloys using finite elemental analysis	Dr. Amrita Priyadarshini	Mechanical Engineering
35	2013A4TS469H	C JOSHUA AMRITH RAJ .	Topology optimization of a robotic manipulator	Dr. Arshad Javed	Mechanical Engineering
36	2013A7TS015H	SAGAR SRIVASTAVA .	Developing detectors based on vision techniques for Harnessing automobile safety	Dr. Akshay Narashiman/Prof. Anand Narasimha Murthy	Computer Science and Information system
37	2013A7TS042H	HERAM PRANAV .	Dynamic portfolio optimization	Dr. Anukur Sinha/Dr. Aruna Malapati	Computer Science and Information system
38	2013A7TS044H	SAI PRATHIK S B .	Analyze and extend capacity estimation schemes for multimedia flows in DTN	Mr. Abhishek Thakur	Computer Science and Information

S.No	BITS ID	Name	Topic	Supervisor	Department
					system
39	2013A7TS066H	B VENKATESH .	Crowd powered meida delivery facilitating ubiquitous device to device file transfer	Dr. Colin Scott/Mr. Abhishek Thakur	Computer Science and Information system
40	2013A7TS095H	EPURI SAI ESWAR .	Big data software engineering	Prof. N L Bhanu Murthy	Computer Science and Information system
41	2013A7TS181H	SINGAPURAM SANJAY SRIVALLABH .	GPGPU optimizations using the polyhedral model	Dr. Ramakrishna Upadrasta/Dr. Aruna Malapati	Computer Science and Information system
42	2013A7TS243H	PHALGUNA BANDI R .	NC	Prof. Tathagata Ray	Computer Science and Information system
43	2013A7TS387H	CHIVUKULA SATYA ADITYAKRISHNA .	Speech segmentations and speaker diarization using neural networks and language models	Dr. Joachim Kohler/Prof. N L Bhanu Murthy	Computer Science and Information system
44	2013A8TS467H	T NITHIN KUMAR SINGH .	Mesh generation for 3D point cloud data	Prof. Tathagata Ray/Mr. Chetan Kumar	EEE
45	2013AATS207H	SHREYAS NANDI .	Calibration of simulation model for P-type mono crystalline Si solar cells	Dr. Abhishek Imar/Dr. Prasant Kumar Pattnaik	EEE
46	2013AATS233H	CHANDRAJA D .	Develop of fusion framework to combine activity and action recognition for video event detection	Dr. Francois Bremond/Dr. S K Sahoo	EEE
47	2013AATS268H	GANGISHETTY AKHILESH .	State of the art fully-depleted semiconductor on insulator double gate tunnel field effected transistor devices & circuits research	Dr. Surya Sankar Dan	EEE
48	2013AATS318H	PATTAPU CHINMAYEE .	A simple geometric derivation of classical mechanics and an extension of this method to classical and quantum fields	Dr. Sashideep Gutti/Prof. Prabhakar Rao	EEE
49	2012B4AA698H	PINNIKA PRASNA .	Classification of power quality disturbances using wavelet transformations and artificial neural networks	Dr. M Sushama/Dr. Aivelu Manga	EEE
50	2012A7A4022H	SUJEATH PAREDDY .	Computational synthesis and additive manufacturing of voronor foams	Dr. Swaminathan Manohar/Prof. A K Gupta	Mechanical Engineering
51	2012ABA4431H	ADITYA KUMAR .	Modelling of specific cutting energy during machining of Ni-based super alloys under nano-minimum quantity lubrication environment	Dr. Surdarshan Ghosh/Prof. Sandip S Deshmukh	Mechanical Engineering
52	2012B1AB961H	V V S GARGEYA .	Environmental life cycle analysis of wind energy as an energy source in Indian contest	Dr. Shweta Singh/Dr. Sabareesh G R	Mechanical Engineering
53	2012B2A3854H	R RANGANATHAN .	Design and implementation of a L -TAGE branch predictor	Dr. V Ramakoti/Dr. Soumya J	EEE
54	2012A3B5308H	SRUTHI V .	Graphene Opto Electronics	Dr. Ambarish Ghosh/Dr. Souvik Kundu	EEE
55	2012B5A3604H	SHAH MANAV KAMLESH .	Plasmon exciting coupling in quantum dots	Dr. Achanta Venu Gopal/Dr. Souvik Kundu	EEE
56	2012B5AA382H	S SHRAAVAN .	Study of polar codes and their performance	Mr. P Navinnath/Prof. Yoganadam	EEE
57	2012B5AA628H	ARKADIP BASAK .	High resolution cadmium zinc detector uniformities on spatial scales of 0.1mm	Prof. Jonathan E/Dr. Souvik Kundu	EEE

S.No	BITS ID	Name	Topic	Supervisor	Department
58	2012B5AA921H	VIKAS A G .	Development of code for the FPGA in the control module of the LIDAR	Prof. I L Hung park/Dr. Souvik Kundu	EEE
59	2012B4A7498H	ADITHYA MURALI .	Algebraic structures for prefix languages	Dr. Geraud Senizergues/Prof. Tathagata ray	Computer Science and Information system
60	2012B1A3724H	SANCHIT MISHRA .	Biomedical Imaging - hardware & software design for hand held purposes	Dr. Bhuvaneswari/Dr. Debashree Bandyopadhyay	Biological Sciences
61	2012B5A4909H	ANIRUDH RAMESH .	Study of Graphene Based high mobility transistors and their optical properties	Dr. Mandar Deshmukh/Prof. Souri Banerjee	Physics
62	2012B2AB709H	BODABALLA SIMHACHAL KUMAR .	Organic reaction mechanism through DFT calculations	Dr. Subhas Ghosal	Chemistry
63	2012B3A1556H	DANDAMUDI CHANDRAHAS .	Estimating daily volatility in Indian equity derivatives markets	Dr. Nagaraju Thota	Economics and Finance
64	2012B3A1623H	PRANJAL BARANWAL .	Development dynamics in India	Dr. Durgesh Pathak	Economics and Finance
65	2012B3A4590H	LAKSHYA SHARMA .	A combined study of conditioned based maintenance activities for wind turbine systems. Conducting cost-benefit analysis by taking in to consideration down-time costs for each CMB activity	Dr. Sudutta Banerjee/Dr. Sabareesh G R	Economics and Finance
66	2012B3A7596H	DARIPINENI PHANI TEJA .	Impact analysis of development policies	Dr. Rishi Kumar	Economics and Finance
67	2012B3A4569H	SUMIT KARVADE .	Estimation of energy demand and analysis of consumer choice of fuel	Prof. Sandip S Deshmukh	Mechanical Engineering
68	2012B3AB936H	MEELA NIKHITHA .	Study of materials characteristics of parts produced using metal additive manufacturing	Dr. C P Kiran	Mechanical Engineering
69	2012B4AB683H	ABHIRAM CHILUKURI .	Determination of IC model contains using optimization techniques	Dr. Amrita Priyadarshini	Mechanical Engineering
70	2012B4A4676H	CHITTURI V G S S VEERABHADRAVIKAS	Multi-class optimization using Topsis method	Prof. N Suresh Kumar Reddy	Mechanical Engineering
71	2012B4A3688H	AMANDEEP GUPTA .	Radar signal analysis implementation using python and python-based libraries	Dr. Srinivasa Rao Zinka	EEE
72	2012B4A3818H	ADITYA JINDAL .	Cosmological models with dark energy and modified gravity	Prof. Bivudutta Mishra	Mathematics
73	2012B4A7691H	KONA DHIRANE SATVIK .	Parallelization of Graphs	Dr. Michel A/Dr. Anand Narasimha Murthy	Mathematics
74	2012B4A8897H	ANANYA ANURAG .	Microfluidic PCR for DNA Amplification	Prof. Sanket Goel/Dr. Anil	Mathematics
75	2012B4AA543H	CHINTAPARTI MANOJ KUMAR .	Stability analysis of dynamical systems disease dynamics	Dr. K Venkat Ratnam	Mathematics
76	2012B4AA703H	SAI KRISHNA VINNAKOTA .	Discrete fractional order state space systems	Dr. Jagan Mohan J	Mathematics
77	2012B5A8941H	TANYA SHRIVASTAVA .	Extraordinary optical transmission through plasmonic nano-hole array in Ag* A4 alloys : simulation studies	Prof. Kannan Ramaswamy	Physics
78	2013A2TS592H	BOYAPATI KOMAL SREE TEJA .	An investigation on engineered cementitious concrete	Prof. P N Rao	Civil Engineering
79	2013A2TS593H	J VINAY .	Utilization of rubber in RAP mixture to improve the performance	Prof. Sridhar Raju	Civil Engineering
80	2012B3A2379H	PRANAV MISHRA .	Water quality modeling using	Prof. Jagadeesh	Civil

S.No	BITS ID	Name	Topic	Supervisor	Department
			artificial neural Network	Anmala	Engineering
81	2012B3A1645H	SOURAV AGRAWAL .	Studies on fly ash based polymer composites	Dr. D. Purnima	Chemical Engineering

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DUBAI CAMPUS SEM-II 2016-17

S.No	ID No	Name	Title	Supervisor	Department
1.	2013A7TS136U	Aashraya Kumar Yogi	Improvements In Human Computer Interaction Along With Advancement In Computer Technologies	Dr. Siddhaling Urolagin	CS
2.	2013AATS126U	Aastha Bhardwaj	Stress Measurement In Thin Films	Dr. Anand Kumar	ECE
3.	2013A3TS270U	Abhishek Mahajan	Target And Manage Motor Symptom Of Parkinson's Disease By Developing Wearable Technology	Dr. Swarnalatha	EEE
4.	2013A7TS319U	Akash Mundra	Satellite Image Processing Using Neural Networks	Dr. V.Santhosh Kumar	CS
5.	2013A7TS119U	Alok Rajiv	Techniques For Data-Access By Javascript In Runtime Environments	Dr. V.Santhosh Kumar	CS
6.	2013AATS368U	Ameya Nitin Kulkarni	Machine Learning Based Mathematical Modelling For Classification Of Eeg	Dr. Shazia Hasan	ECE
7.	2012A7TS350U	Anantha Krishnan	Design, Analysis And Implementation Of An Algorithm For Automated Text Summarization For Big Data	Dr B Vijaya Kumar	CS
8.	2013A7TS206U	Ayanava Sarkar	A Study On Incremental Machine Learning Using Tensorflow	Dr. Sujala D Shetty	CS
9.	2013A7TS114U	Ayush Garg	Erp Medical System	Dr. Sujala D Shetty	CS
10.	2013AATS032U	Don Joe Martin	Robotic Manipulator Modeling In Matlab-Simmechanics With Control Strategies	Dr.V. Kalaivhelvi	ECE
11.	2013A3TS043U	Mahidhara Utsav	Analytical Feasibility Study Of The Electrification Of A Public Bus Route In India	Dr. Shazia Hasan	EEE
12.	2013AATS044U	Namitha Sathish	Modeling Of Polysilicon Based Piezoresistor Structural Layer On Cantilever For Biomems Applications	Dr. Anand Kumar	ECE
13.	2013A4TS109U	Nikhil Reji Thomas	A Theoretical Design For A Zero Energy House In The Middle East	Dr. R. Udaya Kumar	MECH
14.	2013A1TS166U	Rekhapalli Sri Shreya	A Comparative Study On The Removal Technologies Of Acetylsalicylic Acid From Water	Dr. Geetha Kannan	CHEM
15.	2013A7TS183U	Rishav Jalan	Design Of A Smart Chatbot Interface Using Neural Networks	Mr. Nand Kumar	CS
16.	2013AATS325U	Sahil Mulchandani	Comparison Of Different Modulation Techniques And Various Detection Algorithms In Mimo Systems	Dr. M. Raja	ECE
17.	2012A3TS127U	Sankalp Sethi	Software Tool Implementing The Bsim-Cmg Model For Double Gate Finfets	Dr. Anand Kumar	EEE
18.	2013A1TS342U	Shah Maurya Mukeshbhai	Photocatalysis: Degradation Of Methylene Blue Under Visible Light Using Doped Photocatalyst	Dr. Rajib Ghosh Choudhury	CHEM

S.No	ID No	Name	Title	Supervisor	Department
19.	2013A9TS264U	Shaikh Faisal Zaman	Characterization Of Biomass And Optimization Of Its Growth Conditions For Bioenergy Applications	Dr.S Ramachandran	BIOT
20.	2013A7TS105U	Shrey Iyengar	Water Detection And Structure Detection On Satellite Aerial Images	Dr. Vadivel Sangil	CS
21.	2013AATS191U	Subeen Jain	Modification In Kasumi And Zuc To Improve Encryption Of Mobile Data Communication	Dr. M. Raja	ECE
22.	2013A7TS240U	Singh,Shikhar Sanjay kumar	Design And Implementation Of Smart Water Management System	Prof. Rahul Banerjee	CS
23.	2012A1A9091U	Radhika Narain	Developing Enzymatic And Antibody -Based Tools For Decoding Complex Drugs And Diseases li	Dr. Nishant Pandya	CHEM
24.	2013A3TS158U	Jerin Jacob	Doubly Fed Induction Generator Driven By A Wind Turbine (Modelling Of Vawt In Electrical Domain)	Dr. A.B. Chattopadhyay	EEE
25.	2013A4TS308U	Sandeep Paleri	Tig Welding Of Ss/Ni Dissimilar Metal Welding	Dr. Ram Karthikeyan	MECH

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PILANI CAMPUS SEM-I 2017-18

S.No.	BITS ID	Name	Topic	Supervisor	Department
1	2014A5PS843P	Anannya Sirkar	Effect of acute Kidney Injury and simultaneous hyperglycemia on liver functioning	Dr. Anil Gaikwad	Pharmacy
2	2011A5PS800P	R.Sanjula	Standardization of natural drugs	Dr.Atish Paul	Pharmacy
3	2013B5A3440P	PIYUSH SHARDA	Unifying star formation laws with alma	Dr. Christoph Federrath	EEE
4	2014A3PS212P	Nihal Murali	Deep learning and representation learning for sequential data	DR GRAHAM TAYLOR	EEE
5	2014A8PS367P	Akshay Mundra	Deep learning applied to autonomus driving task	DR ANTONIO LOPEZ	EEE
6	2014A3PS182P	Jetti Sai Gowtam Chandrasahasa	Piezo electric bending actutors in high electric foeld system	Dr. Nilanjan Chattaraj	EEE
7	2014A8PS529P	Siddharth V. Iyer	Interactive coding schmes for noise resilient communication	DR RAN GELLES	EEE
8	2013B5A3680P	Shubhendra Singh	Design considerations for application specific VLSI processor	Dr. Chandra Shekar	EEE
9	2014A3PS188P	Kunal Gupta	Adpative learning control	DR Y U HAOYONG	EEE
10	2014A3PS288P	Abhishek Goel	Pose estimation for action recognition	DR FRANCOIS BERMOND	EEE
11	2014A3PS216P	Ayeha Vermani	application specific advanced computer architecture	Dr. Chandra Shekar	EEE
12	2014A3PS225P	Deepankar Jain	Biometric identification	Dr. K K Gupta	EEE
13	2013A3A7244P	A. Anjana	Implementation of light-weight cryptography protocols	Dr. Chandra Shekar	EEE
14	2014A3PS174P	Vishv Shrava Sharma	Computer Vision (nutrients from image)	DR RAMESH JAIN	EEE
15	2013B4A8103P	Subham Sharma	Design and analysis of aspects of physical layer of	Dr. Sainath Bitragunta	EEE

S.No.	BITS ID	Name	Topic	Supervisor	Department
			IOT communication system		
16	2013C2PS140P	Virinchi Ready Katthula	TUNNLED IOT PROTOCOL	Dr. Sailaja Nandigama	HSS
17	2013B2A2845P	Harsh Sharma	Amino Catalytic Synthesis of Oxazepine Related Scaffolds.	Dr. Indresh Kumar	Chemistry
18	2013B2A4224P	Abhishek Raj	Synthesis of new aggregation induced emission active polymers and study of its photophysical properties.	Dr. I R Laskar.	Chemistry
19	2013B2A4313P	Aditya Chauhan	Detailed catalytic study of properties of encapsulated metal complexes in Zeolite-Y and MCMY.	Dr. Saumi Ray	Chemistry
20	2013B2A4777P	Surayans Tiwari	Amine Catalysed Synthesis of Nitrogen Heterocycles.	Dr. Indresh Kumar	Chemistry
21	2013B2A4802P	Abhishek Kathuria	Studies in Carbonylation reactions.	Dr. Bibhas R Sarkar	Chemistry
22	2013B2A4830P	Karthik Maddipoti	Comparative Catalytic Studies of Hybrid Host-Guest Systems by Changing the Hosts.	Dr. Saumi Ray	Chemistry
23	2013B2A7803P	Anshul Chhabra	Study of host-guest hybrid systems as catalyst for dye digradations.	Dr. Saumi Ray	Chemistry
24	2013B2A7850P	Deepanshu Gupta	Computer Code Development in Electronic Structure Method.	Dr. Prashant U Manohar	Chemistry
25	2013B2A1825P	Devansh Agrawal	IR Dehydration of fruits & vegetables.	Dr. Bharti Khungar	Chemistry
26	2013B2A1844P	Anant Kumar Jain	Synthesis of Copper(II) Complexes using D-Glucose Derivatives and their Application in Oxid Reaction.	Dr. Ajay Kr. Sah	Chemistry
27	2013B2A3026P	Hardik Mittal	Study Epoxidation of FAME Biodiesel Molecules.	Dr. Bibhas R. Sarkar	Chemistry
28	2013B2A3824P	Sarthak Raheja	Synthesis of bimetallic nanoparticles via under potential deposition technique.	Dr. Surojit Pande	Chemistry
29	2013B2A3838P	Harsh Sinha	Emission properties of triplet harvesting materials in the reverse micellis of gemini surfactants: Effect of spaces chain length of the surfactants.	Dr. Subit Kr. Saha	Chemistry
30	2013B2A4416P	Aishwarya Sharma	Pyranopyrazolone Pyrimidine Synthesis and Molecular Docking.	Dr. Paritosh Shukla	Chemistry
31	2013B2A7839P	Abhishek Sharma	Computer code development in electronic structure methods.	Dr. Prashant U Manohar	Chemistry
32	2013B2A8732P	Hridhay M	Synthesis of Novel Nitrogen based Heterocycles as Potential anti-cancer agents.	Dr. Dalip Kumar	Chemistry
33	2013A7TS197P	PRASOON TRIVEDI	Benchmarking of Scheduling Algorithms	ABHISHEK MISHRA	CSIS
34	2013B1A7542P	MANESH NARAYAN K	Parallelization of Machine Learning Algorithms	S. BALASUBRAMANIAM	CSIS
35	2013B4A7743P	AKUL SAREEN	Quantum Algebraic & Number Theoretic Algorithms	ABHISHEK MISHRA	CSIS
36	2013B5A7713P	RAHUL SHARMA	A framework for network monitoring in software Defined Networks	K HARIBABU	CSIS

S.No.	BITS ID	Name	Topic	Supervisor	Department
37	2014A7PS018P	PARITOSH VERMA	A study of topics related of dynamic and distributed graph algorithms	S. BALASUBRAMANIAM	CSIS
38	2014A7PS070P	ANKIT SULTANA	Parallelization of graph clustering constructs in DWARF	S. BALASUBRAMANIAM	CSIS
39	2014A7PS128P	GAURANG BANSAL	A Framework for Analysis of Lung Cancer Images	SUNDARESAN RAMAN	CSIS
40	2013B2A7827P	SRAJIT SAKHUJA	Statistical Natural Language Processing and Machine Learning with Sentimental Analysis, Domain	Lu Wei	CSIS
41	2013B4A7588P	ANMOL KUMAR GUPTA	Generalization of Net Surface Problem for Precise Quantifications of constraint cell shape changes	Florian Jug	CSIS
42	2014A7PS093P	DIVAKAR VERMA	Improving the Scalability and Efficiency of the Systematic Paradigmatic Model	Simon Dennis	CSIS
43	2014A7PS096P	PRANAV MISRA	Understanding Mechanisms of High Level Vision, Combiing Behavioral Work and Computational Models	Gabriel Kreiman	CSIS
44	2014A7PS104P	AKANKSHA DARA	Building an Association Based Model of Sentence Processing for Information Extraction Using Neural Networks	Simon Dennis	CSIS
45	2014A7PS108P	M SHARAT CHANDRA	Real Time Telemetry of Streaming Video Traffic Using SDN	Vijay Sivaraman	CSIS
46	2014A7PS132P	DIVISH DAYAL	Investigating Instructor Intervention in MOOC discussion forums	Min-Yen Kan	CSIS
47	2014A7PS137P	A ESHWAR RAM	Matchings in Bipartitic Graphs	Prajakta Nimbhorkar	CSIS
48	2012B4A4199P	Aniruddha Ghosh	Design of Health Insurance Premiums	Sumanta Pasari	Mathematics
49	2013B4A1786P	Ankur Kumar	Fluid Dynamics	B K Sharma	Mathematics
50	2013B4A3744P	Lakshit Agarwal	Analysing market demand using multivariate statistical analytical tools for a solar products industry	Anil K Bhat	Mathematics
51	2013B4A3765P	Devraj Palit	Delay Tolerant Networking Test bed design and implementation	V S Shekhawat	Mathematics
52	2013B4A4768P	Akash Panigrahi	Supply Chain Management	Srikanta Routray	Mathematics
53	2013B4A7470P	Pranjal Gupta	Artificial Neural Networks	Rajiv Kumar	Mathematics
54	2013B4A7513P	Harmeet Singh Lamba	Numerical Methods for Partial Differential Equations involved in Financial Markets	Devendra Kumar	Mathematics
55	2013B4A7582P	Ketan Chandak	Graph Clustering	Rajiv Kumar	Mathematics
56	2013B4A7586P	Jaskamal Kainth	Numerical Solutions for Partial Differential equations in Option Pricing	Devendra Kumar	Mathematics
57	2013B4A7601P	Pryanshu Arora	Algorithmic Graph Theory	Rajiv Kumar	Mathematics
58	2013B4A7616P	Thakkar Vandit Arvindbhai	Comparative Study of Some Metaheuristics Optimization Algorithms	Chandra Shekhar	Mathematics
59	2013B4A7716P	Arjun Dabra	Character Sum and Their Applications	P.H.Keskar	Mathematics

S.No.	BITS ID	Name	Topic	Supervisor	Department
60	2013B4A7725P	S Vivek	Partial Differential Equations in Hilbert Spaces	Rajiv Kumar	Mathematics
61	2013B4A7834P	Deepanshu Nagpal	Development of Efficient Methods for Face Recognition	Sumanta Pasari	Mathematics
62	2013B4A1211P	Tanuj Arora	Application of Block Chain enabled framework for supply chains in the public health arena	Shashank Garg	Mathematics
63	2013B4A3619P	Shivani Deepak Choudhary	Internet of Things	Jörg Henkel	Mathematics
64	2013B4A4726P	Varun Karulkar	Moving Boundary Problems and Application of Finite Element Methods in Fluid Structure Interactions	Ramsharan Rangarajan	Mathematics
65	2013B4A8738P	Neel Dipesh Choksi	Investigation and Modelling of Brillouin gain in span fiber	Li Qian	Mathematics
66	2013B1AB864P	ANIKET SINGH	Effect of hypothermia on cancer cells	UMA S. DUBEY	Bio
67	2013B1A4576P	AKSHAY GOYAL	Membrane protein simulation and docking	SHIBASHISH CHOWDHURY	Bio
68	2013B1A7856P	ANISH SHAH	Analysis of cis regulatory element in wheat genome	RAJESH MEHROTRA	Bio
69	2013B1A1852	PRIYANK KUMAR CHAUHAN	In silico characterization of a hypothetical protein from Plasmodium sp.	SHILPI GARG	Bio
70	2013B1A7421P	SOURABH BANSAL	Identification of bidirectional promoters in Plasmodium sp.	SHILPI GARG	Bio
71	2013B1A7377P	APURVA V. KULKARNI	Characterization of a hypothetical protein from Plasmodium sp.	SHILPI GARG	Bio
72	2013B1A3862P	GEETA BANSAL	Mathematical modeling of social interaction	SANDHYA AMOL MARATHE	Bio
73	2013B1A2370P	HIMANSHU SHRIVASTAVA	To study the immunological properties of milk	UMA S. DUBEY	Bio
74	2013B1A7865	HARSHIT OBEROI	Plant biotechnology/ Computational	SANDHYA MEHROTRA	Bio
75	2013B1A4263P	SIDDHANT DANG	Genomic analysis of Arabidopsis thaliana	RAJESH MEHROTRA	Bio
76	2013B1A2444P	SRIVALLI CHALLA	Environmental biotechnology	S. K. VERMA	Bio
77	2013B1A8846P	KUNAL PARNAMI	Understanding modular basis of recognition of mRNA by miRNA	SHIBASHISH CHOWDHURY	Bio
78	2013B1A7858P	KHITIJ GANDHI	Understanding modular basis of recognition of mRNA by miRNA	SHIBASHISH CHOWDHURY	Bio
79	2013B1A3848P	DEWANSHU SEWAKE	Field-Programmable Lab-on-a-Chip (FPLoC) for bio-medical tests	Prof. CHEN-YI LEE	Bio
80	2013B1A8817P	TARUN KUMAR VANGANI	Neural networks and machine learning for sequence classifications, summarization etc.	Dr. YUE ZHANG	Bio
81	2013B1A1854P	ABHIJEET CHOWDHURY	Identification of RNA binding proteins that regulate miRNA biogenesis	Prof. Dr. GUNTER MESITER	Bio
82	2013B1A7401P	SAMYADEEP BASU	Development of machine learning methods or RNA sequencing data analysis	Dr. DENIS THIEFFRY	Bio
83	2013B1A1238P	ARNAB CHAKRABORTY	Protein refolding from inclusion bodies of E. coli.	Dr. AMULYA K PANDA	Bio
84	2013B2A1782P	Devansh Agrawal	Development of soft sensor for hydrocracker product quality prediction.	Prof. Hare Krishna Mohanta	Chemical
85	2014A1PS541P	Lakshya Kr Sharma	Data driver process	Dr. Ajaya Kr. Pani	Chemical

S.No.	BITS ID	Name	Topic	Supervisor	Department
			monitoring in polymer industry.		
86	2014A1PS678P	Devang Falor	Improvement of the existing computational approach employed for grain resolving simulation of flows over sediment beds.	Prof. Eckart Meiburg	Chemical
87	2014A1PS716P	Shashank Bhardwaj	Modeling, simulation and sensitivity analysis of methyl acetate reactive distillation process.	Prof. Hare Krishna Mohanta	Chemical
88	2013B3A1549P	Aakash Juneja	Applications of control theoretic models for stock trading.	Dr. Ajaya Kr. Pani	Chemical
89	2013B2A2826P	Buddhavarapu Spandana	Study of residual life of functionally graded composite beams.	S.B. singh	Civil
90	2013B1A2235P	Akshay Jhamb	Investigation into the behaviors of medium high low Lang subjected to hath earthquake and wind load.	Dipendu Bhunia	Civil
91	2014A2PS631P	Pradyumn Awasthi	Variation iteration method (VIM) and its application in structural Analysis.	Manoj kumar	Civil
92	2014A2PS537P	Arun kumar Sharma	Effect on ductility of beams due to high strength concrete.	G. Muthu kumar	Civil
93	2014A2PS547P	Abhishek kumar Jha	Comparative analysis of codal provisions for RCC design.	G. Muthu kumar	Civil
94	2014A2PS524P	Anurag Agrawal	Analysis of bridges using FEM	Manoj kumar	Civil
95	2014A2PS528P	Divyanshu Shankar	Water quality assessment of river ganga using fuzzy logic.	R. srinivas	Civil
96	2014A2PS503P	Shubham Aggarwal	Structural health assessment and rehabilitation.	S.B. Singh	Civil
97	2014A2PS720P	Shreya Pranav	Structural health assessment and rehabilitation.	S.B. Singh	Civil
98	2014A2PS622P	Salil Dubey	Use of plastic coated aggregate for porous pavements.	Amit Goel	Civil
99	2014A2PS769P	Harsh Srivastava	Design of different units of water treatment plant and polarization of its network.	Anupam Sighal	Civil
100	2014A2PS516P	Rajesh Beniwal	Bituminous usir design using plastic coated aggregate.	Amit Goel	Civil
101	2014A2P5791P	Kanishk Saxena	Design for waste water treatment with advanced oxidation process.	Anupam Singhal	Civil
102	2014A2PS685P	Airson	Non-linear push over analysis of RC structures.	G. Muthu Kumar	Civil
103	2014A2PS623P	Mayank Vikhona	Groundwater modeling.	Anupam Singhal	Civil
104	2013B1AB864P	Aniket Singh	Development of a model for assessment of mechanical Components reliability	R.P.Mishra	mechanical
105	2014A4PS374P	Vasu Sharma	Airbone wind energy systems	Moritoz Diehl	MECH
106	2014A4PS357P	Priyanjal Joy	Optimizing Skus (Stock Keeping Units) for Better Supply Chain	Satyendra Sharma	mechanical
107	2014A4PS415P	Abhinav Modi	Analysis of a biped humanoid for Reduction of Vibrations while walking	B.K.rout	mechanical

S.No.	BITS ID	Name	Topic	Supervisor	Department
108	2013B3AB565P	Nikhil R.	Design of flexible fixtures for manufacturing	R.P.Mishra	mechanical
109	2013B1AB428P	Tanhya Chitle	Manufacturing + Biological Sciences	Girish Kant	mechanical
110	2013B2A4825P	Yashitha Jaiswal	Supply Chain Management	Srikanta Routroy	mechanical
111	2013B2AB835P	Prekshar Agrawal	Supply chain Management Risk analysis of agriculture supply chain	Girish Kant	mechanical
112	2014A4PS059P	Doshi Ajinkya Ajaykumar	Homotopy Analysis method and galerkin projections to solve strongly nonlinear possibly non-smooth problems	Amol M. Marathe	mechanical
113	2014A4PS389P	Divya Dhingra	Mathematical Immunology Modeling of salmonella Infection	Amol M. Marathe	mechanical
114	2014ABPS786P	Shubham shukla	Supply Chain Management	Srikanta Routroy	mechanical
115	2013B5A7810P	Srajan Jain	Surface Plasmon Resonance	R K Gupta	Physics
116	2013B5A7674P	Ravindra B Chaturvedi	Transition Metal Doped Cationic Al-P Nano-Clusters	D Bandyopadhyay	Physics
117	2013B5A3451P	Pawan Saran	Transition Metal Doped Cationic Aluminium Phosphorous Nano-Clusters	D Bandyopadhyay	Physics
118	2013B5A2618P	Apoorv Khanuja	Si-P Hybrid Semiconductor Cluster With Diffused Transition Metal Atom : A Density Functional Invevsigation	D Bandyopadhyay	Physics
119	2013B5A3780P	Rishabh Agarwal	Design, Modelling and FEM Similation of Capacitive Micromachined Ultrasonic Transducer	S Gangopadhyay	Physics
120	2013B5A4534P	Rishabh Subhash Chaure	Heat Transfer Simulation and Material Response in Nuclear Reactor Core	P Srinivasan	Physics
121	2013B5A3355P	Anirudh Venu	Quantum Complex Netwroks	S Gangopadhyay	Physics
122	2013B5A2572P	Rahul Narula	Rahul Narula	J N Bandyopadhyay	Physics
123	2013B5A7664P	Arjav Nag	Simulation Based Studies of the Folding of Biopolymers	Navin Singh	Physics
124	2013B5A7635P	Anand Maurya	Cosmological Structure Formation : Excursion Set Approach	T G Sarkar	Physics
125	2013B5A7488P	Ansh Shah	Molecular Dynamics Simulation of DNA Unfolding	Navin Singh	Physics
126	2013B5A7066P	Dhairya Mittal	Computation Studies of DNA Dynamics	Navin Singh	Physics
127	2013B5A8554P	Mohammad Siraj	Helicoidal Structure of DNA	Navin Singh	Physics
128	2013B5A8539P	Nityasa Mishra	Fundamental Issues in Neutrino Oscillations and their resolutions	Sudhakar Pande	Physics
129	2014B5TS958P	Aarushee Rangra	Design of reconfigurable RF antennas based on ionic electroactive polymers and carbon nanomaterials	Christian Bergaud	Physics
130	2013B5A4806P	Rajshikhar Gupta	Design of reconfigurable RF antennas based on ionic electroactive polymers and carbon nanomaterials	Ram Govindarajan	Physics

S.No.	BITS ID	Name	Topic	Supervisor	Department
131	2013B5A4583P	S Sarath Sankar	DYNAMICS OF VORTICES IN VESCOELASTIC FLUIDS	Sreenivas K R	Physics
132	2013B5AB462P	Balavasun Pedapudi	DESIGN OF BEAM OPTICS FOR SCANNING ELECT MICROS	Mani Chandra	Physics
133	2013B5A4688P	Aditya Vijaykumar	ASPECT OF COMPLEXITY IN LOCALITY, ENTANGLEMENT QUA GRAVITY	Chetan Krishnan	Physics
134	2013B3A3658P	VINAYAK AWASTHI	QUALITATIVE AND QUANTITATIVE ANALYSIS FOR THE EFFICIENCY OF RENEWABLE SOURCES OF ENERGY WITH A CONTEXT TO INDIAN POWER GENERATION ENVIRONMENT	KRISHNA M	ECO AND FIN
135	2013B3A7722P	AKSHIT BHATIA	AGRICULTURE SUPPLY CHAIN ANALYSIS AND USE OF BIG DATA	SATYENDRA KUMAR SHARMA	ECO AND FIN
136	2013B3A7304P	TANAYA JHA	APPLICATION FOR SUPPLY CHAIN RISK MANAGEMENT THROUGH VISUALIZATION AND VALUE AT RISK QUANTIFICATION	SATYENDRA KUMAR SHARMA	ECO AND FIN
137	2013B3A7751P	VAIBHAV AGARWAL	APPLICATION OF MARKOV CHAIN STOCHASTIC MODEL ON STOCK MARKET	NVM RAO	ECO AND FIN
138	2013B3A7603P	SURBHI DANG	MERGERS AND ACQUISITIONS	ARUN KUMAR VAISH	ECO AND FIN
139	2013B3A7755P	ADITI	SERVICE QUALITY, VALUE DRIVERS, INDENTIFICATION AND PRIORITISATION IN INDIAN BANKING SECTOR	ARUN KUMAR VAISH	ECO AND FIN
140	2013B3A3530P	JAIN PRACHI	CUSTOMER RELATIONSHIP MANAGEMENT VALUE DRIVERS IDENTIFICATION AND PRIORITIZATION IN INDIAN AIRLINES	ARUN KUMAR VAISH	ECO AND FIN
141	2013B3AB621P	KETUL MATHURIA	FINANCES IN ADVERTISEMENT INDUSTRY	SANGEETA SHARMA	ECO AND FIN
142	2013B3A7543P	AKSHAY R	FRAMEWORK FOR CREATING AND EFFECTIVE LEARNING ENVIRONMENT IN HIGHER EDUCATIONAL INSTITUTES FOR MILLENIAL AND POST-MILLENIAL GENERATION	JAYASHREE MAHESH	ECO AND FIN
143	2013B3A7704P	VAIBHAV SHRIMAL	ASSESSING THE MODERATING EFFECT OF CUSTOMER ENGAGEMENT OF THE RELATIONSHIP OF BRAND IMAGE- CUSTOMER LOYALTY	PRAVEEN GOYAL	ECO AND FIN

S.No.	BITS ID	Name	Topic	Supervisor	Department
144	2013B3A7480P	KUNAL TODI	TO ASSESS AND PRIORITIZE VALUE DRIVERS OF SERVICE QUALITY FOR TELECOM SECTOR	DR JYOTI	ECO AND FIN
145	2013B3A7496P	LOVEPERTEEK SINGH	MODELLING AND SOFTWARE DESIGN TO DYNAMICALLY PREDICT CREDIT WORTHINESS OF BORROWERS	DR ARUN KUMAR VAISH	ECO AND FIN
146	2013B3A7702P	SIMRAN KAUR	SUPPLY CHAIN ANALYTICS	SATYENDRA SHARMA	ECO AND FIN
147	2013B3A1611P	SUMANT S MULKALWAR	GREEN MARKETING: LITERATURE REVIEW	DR ARUN KUMAR	ECO AND FIN
148	2013B3A8365P	TANYA SRIVASTAVA	SUPPLY CHAIN ANALYTICS	SATYENDRA SHARMA	ECO AND FIN
149	2013B3A7608P	NIPUM JAIN	ANALYSIS OF FOOD INFLATION IN INDIA THROUGH MACHINE LEARNING	KRISHNA M	ECO AND FIN
150	2013B3A3435P	KARDIK GUPTA	FACILITY LAYOUT PROBLEM	RAJESH MATAI	ECO AND FIN
151	2013B3A7705P	SHASHWAT RAWAT	SERVICE QUALITY VALUE DRIVERS IDENTIFICATION AND VALIDATION IN INDIAN BANKING SECTOR	DR ARUN KUMAR	ECO AND FIN
152	2013B3A7521P	SHUBHI RASTOGI	IMPACT OF RELIANCE JIO'S ENTRY ON TELECOM INDUSTRY IN INDIA	JYOTI	ECO AND FIN
153	2013B3AB565P	NIKHIL R	EMPIRICAL AND ECONOMIC ANALYSIS OF DATA BREACHES AND INTRUSIONS BY INDUSTRY	RAJENDRA NARAYAN PARAMANIK	ECO AND FIN
154	2014B3TS963P	PARTH DOGRA	SOME ASPECTS OF FINANCIAL INCLUSION IN INDIA	NVM RAO	ECO AND FIN
155	2013B3A7473P	RISHABH JAIN	TRANSFORMING AGRICULTURAL	KRISHNA M	ECO & FIN
156	2013B5A8784P	AARZOO SHARMA	SELF QUENCHING ANF ENERGY TRANSFER	D D PANT	PHYSICS
157	2013B5A2769P	PRADEEP KUMAR	NUCLEAR FUSION AND SOLAR ENERGY	Madhukar Mishra	PHYSICS
158	2014A2TS739P	PAVAN V PILLAI	TRAFFIC DATA ANALYSIS	Amit Goel	CIVIL
159	2014A4TS409P	VARUN TRIPATHI	CONTROL OF WIND TURBINES	SEBASTIAN DICKLER	MECH
160	2017C2TS1208P	SAMUDRALA SANJAY AATREYASA		DR RAJNEESH CHOUISA	HSS
161	2013B3A7789P	ISHAN SHARMA	APPLYING DEEP LEARNING TO PREDICTIONS OF STOCK MARKET	RAJAN PANDEY	ECO & FIN
162	2014B5TS711P	PRANAV DIWAKAR	ASPECT OF INTERCHANGABLE SYSTEM	SUJAY ASHOK	PHYSICS
163	2014A2PS490P	ISHA NARSARIA	SELF DESIGNING RENTAL CARS	DR PRASHANTA SAHU	CIVIL
164	2014A8TS324P	KHANDEDIYA CHERAL	TUNNLED IOT PROTOCOL	DR NATALYA ROZHNOVA	EEE

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S.No.	BITS ID	Name	Topic	Supervisor	Department
1.	2013B3A7574G	Krutarth Nakade	FDI & ITS Impact on Economic Growth in Emerging countries	Dr. Rajorshi Sen Gupta	Economics
2.	2014A3PS223G	Sonali Vasant Arole	Quantum communication theory	Dr. Radhika Vathsan	EEE
3.	2013B4A8590G	Vichar Shroff	Development of Antonomous Drone for Precision Agriculture	Dr. Gautam Bacher	EEE
4	2013B1A3900G	Eega Avinash	Software based GNSS Receiver	Nitin Sharma	EEE
5	2013B2A3864G	Aashray Bhandari	Protocol Development for mobile underwater acouostic sensor network	Sarang C Dhongdi	EEE
6	2014A1PS826G	Adheep Das	Desing of microfluidic device using 3-D Printer technologies	Dr. Jegatha Nambi Krishnan	Chemical Engineering
7	2013B5A4840G	Vishal Suriyanarayanan	Emergent phenomenon in elasticity and Gravity	Kinjal Banerjee	Mechanical Engineering
8	2014A4PS154G	Shubhan Parag Patni	Characterisation and Analysis of soft coating on Hard Material	Dr. G. Karthikeyan	Mechanical Engineering
9	2013B1A4901G	Eaga Akhil	Investigations of Injection Moulding Process	Dr. Sachin Waigonkar	Mechanical Engineering
10	2013B4A4644G	Ishan Mishra	Investigating different designs of solar air - Conditioners	Dr. Varinder Singh	Mechanical Engineering
11	2013A1PS601G	Chayan Anand	To study the electrical properties of Graphene nanocomposite with magnetic Nanoparticles	Dr. N N Ghosh	Chemical Engineering
12	2013B4A7720G	Sethuratheinam Iyer S	Characterization of Banzhaf Index in Game thory	Dr. J K Shao	Mathematics
13	2012A7B4065G	Desai Abhishek Deepak	Survey of RSA Cryptosystem	Dr. Prabal Paul	Mathematics
14	2014B4PS565G	J. Teja Sai Ram	Mathematical modelling of biogeochemical cycles using graph thory	Anasuya Ganguly	Mathematics
15	2013B5A4285G	Siddharth Paliwal	Study of ds and Ads SPACETIMES	Dr. Kinjal Banerjee	Physics
16	2014A1PS635G	Vishwa Prakash	Waste Management	Dr. Srikanth Mutnuri	Chemical
17	2014A7PS096G	Kushagr Arora	Analyzing big scholarly data for deeper insights and predictions	Prof. Santonu Sarkar	CS&IS
18	2013B3PS502G	Kanumuri Sessa Sushant	Heritage Economics and Tourism	Dr. Debasis Patniak	Economics
19	2013B3A7439G	K Achyudh Ram	On the Effects of Mentoring on Onboarding Contributors to open source software projects	Dr. Alberto Bacchelli	Economics
20	2013B1A7656G	Advait	Current AI methodologies in cell Biology and Drug Action	Dr. Ravi Iyengar	Biological sciences & CS&IS
21	2013B1A4749G	Srijani Biswas	Exploring the immunogenicity to unconventional virus and host peptides during virus infection	Dr. David Tscharke	Biological Sciences
22	2013B1A1704G	Tanaya Unhale	Anaerobic Digestion of food and pulp mill wastes	Elizabeth A Edwards	Biological Sciences
23	2013B1A1935G	Vibhav Joshi	Control of Differentiation during inner Ear development	Dr. Rajesh K. Ladher	Biological Sciences

S.No.	BITS ID	Name	Topic	Supervisor	Department
24	2014A8PS855G	Sudhamshu M Hosamane	Building a Prototype of a Versatile multi-3G/4G platform for providing seamless QoS for critical real-time mobile applications	Dr. Malati Hegde	EEE
25	2013B3A3497G	Vikas Mishra	Large Scale Internet Systems: Security and Privacy Issues in Embedded systems, designing an anonymized database analytics system	Prof. Paul Francis	EEE
26	2014A3PS233G	Abhyuday Puri	Objective and Subjective quality assessment of Visual content in Virtual reality	Mr. Rajiv Soundararajan	EEE
27	2014A3PS221G	Devgeet K Patel	Distributed alternating Current (AC) power flow with limited information	Dr. Domenico Lahaye	EEE
28	2013A3B5179G	Vedangi Bhadresh Pathak	Design of high sensitivity, high bandwidth homodyne photo detector	Prof. Michele Heurs	EEE
29	2014A3PS335G	Sanjeev Sripadraj Murthy	Multi-processor emulation platform on FPGA	Prof. Dr. Akash Kumar	EEE
30	2014A3PS167G	Aman Gadia	N-Tuple Pattern Recognition	Robert M Haralick	EEE
31	2013B5A3466G	Shahnawaz Ahmed	A Python framework for the dynamics of open quantum systems	Prof. Franco Nori	Physics,
32	2014A8PS164G	Sankar Manoj	Predictive Pre-scheduling on heterogenous high performance computing clusters	Sudarshan Shinde	EEE
33	2014A3PS218G	Ajai V George	Development of a High performance cluster for accelerating neural networks based applications	Sudarshan Shinde	EEE
34	2014A3PS334G	Parva Patel	Autonomous Navigation of Snake Robots	Dr. Howie Choset	EEE
35	2014A3PS333G	Kartik Aggarwal	Securing Embedded systems against information leakage	Sudipta Chattopadhyay	EEE
36	2014A3PS197G	Dhananjai Sharma	Development of underwater Network Protocols	Dr. Mandar Chitre	EEE
37	2013B5A3726G	Shivangi Kamat	Detector design and Instrumentation	Dr. Satyanarayana Bheesette	EEE
38	2013A3B2186G	Dishant Banwari	Nanocellulose based sensors for application in water purification	Dr. Suresh Valiyavettill	EEE
39	2014A3PS215G	Veena Vijai	Discriminative features of Speech and their Applications	Dr. A.G. Ramakrishnan	EEE
40	2014A3PS170G	Advait Koparkar	Multi-model gesture analysis for speech Analysis	Dr. Prasanta Ghosh	EEE
41	2013B1A8905G	Arunav Konwar	Computer Vision	Prof. C.V. Jawahar	EEE
42	2013A3A7198G	Edwin Mascarenhas	C-Based Synthesis model for the RISC-V	Prof. Olivier Sentieys	EEE
43	2014A3PS759G	Chirag Dinesh Ranawat	Design and implementation of High speed/Low power Discrete Fourier Transform Processor with Advanced Algorithms	Dr. Yusuf Leblebici	EEE
44	2014A4PS346G	Aman Dalal	Product Design	Pravinsinh Solanki	Mechanical Engineering
45	2014A4PS286G	Ameya Mangesh Deshpande	Development of Advanced light alloys/ composites	Dr. Manoj Gupta	Mechanical Engineering
46	2013B2A4882G	Sumit Arya	Study of steam turbines blade design for various rating utility thermal sets	Sunil Kumar Garg	Mechanical Engineering
47	2013B4A4652G	Harsh Malaiya	Supply chain management of perishable items	Dr. Sunil Agarwal	Mechanical Engineering
48	2014A4PS125G	Sooraj S Kamath	CFD analysis of airflow in a	Dr. K. S. Ravi	Mechanical

			cabin	Chandran	Engineering
49	2014A4PS296G	Shreyas Rajesh	computational fluid dynamics of embryonic /fetal cardiac flows	Dr. Yap choon Hwai	Mechanical Engineering
50	2013A4B5280G	Aabir Abubaker Kar	Applications of fluid models to social dynamics	Dr. Yaneer Baryam	Mechanical Engineering
51	2014A4PS086G	Varun Uday Nayak	Aerial Manipulation Design and Control	Kostas Alexis	Mechanical Engineering
52	2014A4PS344G	Sharath Patlolla	Advanced Motion tracking for powered robotics Leg control	Dr. Tommaso Lenzi	Mechanical Engineering
53	2011B5A4362G	Mohit Uddhav Patil	Cortical bone thickness assessment using multi frequency quantitative acoustics	Prof. Dr. William R. Taylor	Mechanical Engineering
54	2012B1A4655G	Aditya Shirodkar	Design for a standard set of wind turbines to optimize energy consumption in urban settings exhausted by CFD simulonous at preexisting various effect passing between buildings and elsewhere	J. Bastin, ADT, WRA	Mechanical Engineering
55	2013B5A4913G	Simanta Lahkar	Mechanical characteristics of two dimensional heterstructures	Yinfeng Li	Mechanical Engineering
56	2013B5A4559G	Kshitij Mathur	Supply chain Analytics	Dr. Hamendra D Dangi	Mechanical Engineering
57	2013B3A4498G	Sharvari Kshirsagar	Index for Financial Inclusion	Dr. G Ramesh	Mechanical Engineering
58	2013B4A7541G	Ramchandran Muthukumar	Efficient Algorithms for Large Scale Optimization	Madeleine Udell	Mathematics
59	2014A7PS124G	Somya Shubhangi	System verification using formal methods	Madhavan Mukund	CS&IS
60	2014A7PS081G	Amit Kiran Rege	Formal Verificaiton	Madhavan Mukund	CS&IS
61	2013B5A7589G	Sanjana Sekhar	Study fo High Boson at LHC and development of relevant trigger algorithms for CMS experiment at LHC	Kajari Mazumdar	Physics
62	2013B1A7792G	Ananya Kshatrapati Shivaditya	Development of Machine Learning Components to optimize device/process performance	Dr. Rofl Stangl	CS&IS
63	2014A7PS022G	Dhruv Mahajan	Map Building on Drones for Autonomous Indoor Navigation	Prof. Chiranjib Bhattacharyya	CS&IS
64	2013B4A7776G	Aparajita Halder	Energy efficient machine learning on DFEs	Prof. Georgi Gaydadjiev	CS&IS
65	2014A7PS014G	Rohan Goel	A Visual Platform for helping epidemiologists	Prof Pascal Poncelet	CS&IS
66	2013B5A7665G	Shobhik Bhadraray	Natural Language Processing and Data Mining	Lu Wei	CS&IS
67	2013B5A7112G	George Joseph	A Vision -Based shared world map for Multi- robot interaction	Dr. David S Touretzky	CS&IS
68	2014A7PS126G	Rhett Noah D'Souza	Machine learning and neural Networks in human connectome Analysis	Fang-Cheng (Frank) Yeh	CS&IS
69	2013B2A8877G	Samyak Dhole	Synthesis of 2-D Perovskites and Optoelectronic applications	Shaibal K Sarkar	CS&IS
70	2013B1A1907G	Srinath Ramkumar	Mechanisms in Cardiac Valve Regeneration	Prof. Didier Stainier, Ph.D	Chemical Engineering
71	2014A1PS545G	Siddharth Kumar	Drug Delivery	Ali Khademhosseini	Chemical Engineering
72	2014A1PS834G	Shivendu Shivam	Coalbed Methane	Sanjay Singh	Chemical Engineering

S.No.	BITS ID	Name	Topic	Supervisor	Department
73	2014A1PS654G	Sarvajot Singh	Synthetic Polymer Belt and Process of Manufacturing	Sanjeev Kumar Singh	Chemical Engineering
74	2014A1PS626G	Mrunal A Nasery	Multiphase flows in micro channels and porous media	Dr. S. Pushpavanam	Chemical Engineering
75	2012B1A1621G	Narayan Bhutada	Coolant, Oil Level & Quality control	Dr. Vishwas Puttige	Chemical Engineering
76	2014A1PS252G	Velidanda Srinivasa Tanmay	Hydrodynamic stability of flow past deformable solid surfaces	Dr. V. Shankar	Chemical Engineering
77	2014A1PS582G	Shimona Narang	Multiphase flows in microchannels	Dr. S. Pushpavanam	Chemical Engineering
78	2014A1PS816G	Igin Benny Ignatius	Solutal Marangoni condensatin for microgravity applications	Dr. S. Pushpavanam	Chemical Engineering
79	2014A1PS504G	Shambhu A	Computational neuroscience	Dr. S. Pushpavanam	Chemical Engineering
80	2013B2A1689G	Tulasi Ravindran	Membrane Seperatins (with a focus on water treatment and reuse)	Jeffrey McCutcheon	Chemical Engineering
81	2013B4A7829G	Varad Deshpande	The Study of the code Based Cryptosystems	M Sumanth Datt	Mathematics
82	2013B5A3432G	Amal Vighnesh I	Study on Quantum Computation and information	Dr. Anil Shaji	Physics
83	2013B5A4563G	Shardool Kulkarni	Numerical Simulation of Nozzle flows	Prof. B. Puranik	Physics
84	2013B5A7658G	Tanuja Sawant	Conception, Implementation and evaluation of novel interaction techniques for improving user interaction in a virtual/augmented reality environment	Eric Lecolinet	Physics
85	2013B5A4472G	Akhil John	A bilateral master slave system for physical interaction	Prof. Gerhard Neumann	Physics
86	2013B5A3470G	Sangeeth S Varma	Transport in Quantum hall systems	Dr. Madhu Thalakulam	Physics
87	2013B5A4604G	Kapil Sawant	Design of an Exploration robot for minimally invasive archaeology	Jean -Baptiste Mouret	Physics
88	2014B5TS904G	Manas Jha	Studies of carbon capture, utilization technologies for power station and use of nano technology for efficiency development	Dr. M. Malik	Physics
89	2013B4A8662G	Mridul Seth	Random walks on Generalised Networks	Renaud Lambiotte	Mathematics
90	2014A3PS205G	Tushar Kusnur	Navigation in underwater robotics using sonar and cameras, depending on water turbidity	Prof. Michael Kaess	EEE

FDTs

HYDERABAD CAMPUS SEM-I 2017-18

S.No	BITS ID	Name	Topic	Supervisor	Department
1	2013B4A7669H	Chavi Gupta	Automation of remote sensors scheduling for satellites	Prof. D K Satpathi/ Dr. Aruna Malapati	Mathematics
2	2013B4A7733H	Suraj A	Application of augmented and virtual reality in gait analysis	Prof. D K Satpathi/Prof. Tathagata Ray	Mathematics
3	2013B4A7847H	Sriharshitha Velivelli	Named entity recognition	Prof. D K Satpathi/Prof. N L Bhanu Murthy	Mathematics

S.No	BITS ID	Name	Topic	Supervisor	Department
4	2014A2TS569H	R Mukesh	Experimental investigations on aging of bituminous concrete	Prof. Vinayaka Ram/Prof. Sridhar Raju	Civil Engineering
5	2014A2TS627H	C Leela Sushitha	Evaluation of rutting performance of RAP added bituminous surface layer	Prof. Sridhar Raju	Civil Engineering
6	2014A2TS562H	Anurag Anand	Utilization of 50-100% reclaimed asphalt pavement (RAP) in dense bituminous macadam layer	Prof. Sridhar Raju	Civil Engineering
7	2013B2A2594H	Shreyans R Surana	Life cycle assessment and life cycle cost assessment of structures and pavements	Mr. Kalyana Rama J S/Prof. Sridhar Raju	Civil Engineering
8	2014A2TS584H	Shashank Gupta	Ground improvement by alkali activated binder treated jute geotextile	Dr. Anasua Guha Ray/Dr. Arkamitrakar	Civil Engineering
9	2014A2TS563H	Swaraj Patil	Determination of suitable mixing procedure for partial replacement of Portland cement concrete with alkali activated binder concrete	Dr. Arkamitrakar	Civil Engineering
10	2014A2TS583H	Rohan Sirupa	Fluid-structure interaction of floating objects using finite elements	Dr. Chandu Parimi	Civil Engineering
11	2014A2TS574H	Rishabh Agarwal	Development of K-means clustering ANN model for water quality	Prof. A. Jagdeesh Anmala	Civil Engineering
12	2014A2TS557H	Harsh Mundra	Evaluation of the behavior of concrete with alkali-activated binders to aggressive chemical environments	Dr. Arkamitrakar	Civil Engineering
13	2014A2TS580H	Vikram Reddys	Optimal operation of multi reservoir system in lower Krishna basin	Prof. K Srinivasa Raju	Civil Engineering
14	2014A2TS587H	Dhruvik Vadadoriya	Evaluating the fracture properties of concrete and its size effect related issues using modified damage plasticity model	Mr. Kalyana Rama J S	Civil Engineering
15	2014A2TS567H	Praneeth Penuganti	Optimization of water distribution networks using cuckoo search and water cycle algorithm	Prof. A Vasana	Civil Engineering
16	2013B3A7657H	Bhavya Mishra	Nutritional Inequality in India	Dr. Rishi Kumar	Economics
17	2013A4B3322H	Meghana Yerabati	Herding behavior institutional investors in the Indian day-trading market	Prof. Padmanabhan Balasubramanian/Prof. Vijaya Bhaskar Marisetty	Economics
18	2014A1TS529H	Vaidhiswaran Ramesh	Study of emerging spatial and signaling behavior upon moving from single cells to population	Dr. Krishnan/Dr. Vikranth Kumar Surasani	Chemical Engineering
19	2014A1TS623H	Shivani Lodha	Study of PP- based composites	Dr. Purnima	Chemical Engineering
20	2013B2AB363H	Gokul T Anandan	Vibrational dynamics of photo induced charge transfer in P3HT:PC BM blends	Dr. Jyotishman Das Gupta/Prof. Manab Chakravarty	Chemistry
21	2013B2A7865H	Krunal K Patel	Computational study of some important van der waals heterojunctions	Prof. Sumithra K	Chemistry
22	2013B2A4858H	Ranganathan Pooja	Synthesis and characterization of nano particles for nano fluid applications	Dr. Ramakrishna Ganesan/Dr. N Jalaiah	Chemistry
23	2014A7TS157H	Jaisurya Nanduri	Named entity recognition in telugu using content based	Dr. Aruna Malapati	Computer Science and

S.No	BITS ID	Name	Topic	Supervisor	Department
			semantic vectors		Information system
24	2013B1A7909H	Burra Prakruthi	Methods for the analysis of large-scale metabolic networks	Dr. Areejit Samal/Prof. Tathagata Ray	Computer Science and Information system
25	2013B4A7423H	Jinu M Sunil	Logistic regression for software defect prediction	Prof. N L Bhanu Murthy	Computer Science and Information system
26	2013A7TS083H	V.N. Sri Harshitha Vutukuru	Measuring instructional methodologies in engineering classrooms	Prof. Tathagata Ray/Dr. Aruna Malapati	Computer Science and Information system
27	2013A7TS243H	Phalguna Bandi	Video analysis	Prof. Anand Narasimha Murthy	Computer Science and Information system
28	2013B1A3783H	Abhisek.P	ECG signal generation using analog circuit design	Prof. Prabhakar Rao	EEE
29	2013B5AA567H	Rahul Srinivasan	Gravitational waves and black hole modelling	Prof. Ashtekar/Dr. S K Chatterjee	EEE
30	2014A3TS348H	Srinivasan Rajagopalan	Optimal location of inter-line power flow controller	Dr. Alivelu Manga Parimi	EEE
31	2014A3TS352H	Rushabh Gandhi	Deep learning for speech animation in mixed reality	Dr. Mithun Das Gupta/Dr. S K Chatterjee and Prof. Anand Narasimhamurthy	EEE
32	2014A3TS825H	Ansh Rupani	Physical synthesis and design for reconfigurable transistors	Prof. Akash Kumar/Mr. Chetan Kumar	EEE
33	2014AATS217H	Divya Jain	Emulation platform for wildly heterogeneous chips	Prof. Akash Kumar/Prof. S K Sahoo	EEE
34	2014AATS238H	Pranav Kulkarni	Fault-tolerant network-on-chip	Dr. Soumya J	EEE
35	2014AATS322H	Harshit Soni	Application of Fibre optics in cancer detection	Prof. Yogeewari/Prof. Prabhakar Rao	EEE
36	2014AATS493H	Ksitij Shrivastava	Built- In- Self- Test for FPGA design	Prof. Akash Kumar/Mr. Chetan Kumar	EEE
37	2014AATS339H	Shaik Wasef	Resistance curves of configurational anisotropy based nano magnets using spin orbit torque current switching	Dr. Hossein Fariborzi/Dr. Surya Shankar Dan	EEE
38	2014A3TS827H	Richa Choudhary	Philosophy of electronics	Prof. Sanket Goel	EEE
39	2013B5A1727H	Vignesh Sitaraman	Digital signal processing for the charged particle array at INGA	Dr. Rudrajyoti Palit/Dr. Sarmistha Banik	Physics
40	2013B5A4842H	Vaibhav Jain	Core estimation of the lower energy cosmic ray showers	Prof. Sunil K Gupta/Dr. Rahul Nigam	Physics
41	2013B5A8536H	T Madhav Narayan Bhat	Micro magnetic simulations & experimental investigations in rare earth transition metal thin films	Dr. J AroutChalvane/Dr. Satyanarayan Murthy	Physics
42	2013B5AA869H	Rohan Banerjee	Accelerator for molecular dynamics	Prof. S K Nandy/Prof. Thiruvikraman	Physics
43	2013B5AA559H	Akshaya Agarwal	Development of imaging system for hand and foot photography	Dr. Chien Chun Lu/Prof. Kannanramaswamy	Physics
44	2013B5A7841H	Ridam Jain	GPU based meshfree parallel solver for 2D euler equations	Dr. N Anil/Prof. Thiruvikraman	Physics
45	2012B1A2745H	Aviral Singhal	Medicinal use of saponin extract	Prof. Kumar Pranav Narayan	Biological Sciences
46	2013B1A8839H	Vikram Venkatesh	Cloning and expression of N-	Prof. Vidya Rajesh	Biological

S.No	BITS ID	Name	Topic	Supervisor	Department
			terminal domain of plasmodium sera gene		Sciences
47	2013B1A2641H	Vedantham Kiranmayi	Increase of carbon fixation by enzyme Rubis Co: a study to monitor the protein microenvironment changes in RubisCo	Dr. Debashree Bhandopadhyay	Biological Sciences
48	2013B1A3476H	Karthik Rattan	Electromechanical characterization of red blood cells in diabetics	Dr. Prosenjit Sen/Prof. Suman Kapur	Biological Sciences
49	2013B1A4691H	Lakshay Sethi	Modeling the flow of nanoparticles/drugs from a network of irregular blood vessel network to the nearby tissue and compare it with the existing Krogh Cylinder Model	Prof. Fan Yuan/Prof. Y V D Rao	Mechanical Engineering
50	2013B3A4619H	M. Dheeraj Varma	Dynamics analysis of wind turbine gear box	Dr. Sabareesh G R	Mechanical Engineering
51	2013B5A4479H	A Sai Kiran Reddy	Investigating the accuracy of the vertical wall formation using multi-storage single point incremental forming	Dr. Kurra Suresh	Mechanical Engineering
52	2014ABTS558H	C V Kameshwar Sarma	Material characterization of (Si-Ti)N coated tools	Prof. N S K Reddy	Mechanical Engineering
53	2014A4TS035H	G Pritheesh	Development of 3D navier stokes solver using 6 th order compact scheme	Dr. Supradeepan K	Mechanical Engineering
54	2014A4TS183H	Sridhar R	Characteristics and analysis of 3-dimensional flow past square cylinders in side-by-side arrangement	Dr. Supradeepan K	Mechanical Engineering
55	2014A4TS207H	Ashwin Vadlamannati	Role of flow turbulence on life science organisms	Dr. N. Jalaiah/Dr. Parameshwaran	Mechanical Engineering
56	2014A4TS260H	Karnati Venkata Kartheek	Implementation of the modified KFVS(m-KFVS) method in to the Stanford University unstructured(SU2) CFD code	Dr. K Ram Chandra Murthy/Dr. N. Anil	Mechanical Engineering
57	2014A4TS317H	V Bairav Sabarish	Characteristics and analysis of 3-D past square cylinders in tandem arrangement	Dr. Supradeepan K	Mechanical Engineering
58	2014A4TS452H	G Arvind	Heat transfer in Magneto hydrodynamics of core	Dr. Binod Sreenivasan/Prof. Jeevan Jaidi	Mechanical Engineering
59	2014A4TS833H	Sai Ranjeet Narayan	Characteristic and analysis of 3-D flow past staggered square cylinders	Dr. Supradeepan K	Mechanical Engineering
60	2013B5A2671H	Ajinkya Naringe	Numerical study of fluid structure interaction	Dr. Chandu Parimi/Prof. Thiruvikraman	Civil Engineering
61	2013B1A2880H	Tummala Mithilesh	Prediction of fecal coliform using feedback nueral networks	Prof. A. Jagdeesh Anmala	Civil Engineering
62	2013B3A7487H	Karthik Menon	Predicting price movement of crypto currency based on twitter sentiment analysis	Prof. Vijaya Bhaskar Marisetty/ Dr. Aruna Malapati	Economics
63	2013B3A7601H	Prashanth Kumar lalwani	Predicting the stock movement based on various microeconomic and macroeconomic factor	Dr. Thota Nagaraju/Dr. Aruna Malapati	Economics
64	2013B3A7660H	Sai Ram Anoop Chandu	Predicting post earnings stock price movement	Prof. Vijaya Bhaskar Marisetty	Economics

S.No	BITS ID	Name	Topic	Supervisor	Department
65	2013B4A1492H	Barkha Mahendra Kumar Taori	CFD-DEM coupled simulations for jet mill & cyclone separator	Dr. Vikranth Kumar Surasani	Chemical Engineering
66	2013B2A4901H	Ruth Selena	Effect of nanoparticle additives in diesel on the performance and exhaust emissions of engine	Dr. Sounak Roy/Prof. Sandip Deshmukh	Chemistry
67	2013B3A7393H	Bhat Akshay Subhash	Profile guided technologies for security hotspot identification	Prof. C Hota	Computer Science Information System
68	2013B3A7675H	Mohit Jain	Formulation & implementation of a robust proactive model for complex event processing engine in IOT frame work	Prof. C Hota	Computer Science Information System
69	2013B3A7612H	Akash Singh	Sentiment analysis to predict price movement of crypto currencies	Dr. Aruna Malapati/Prof. Vijaya Bhaskar Marisetty	Computer Science Information System
70	2014A8TS471H	Aditya Vijay Bhandare	Power-efficient sum of absolute difference hardware architecture using adder compressors for integer motion estimation design	Dr. S. K Chatterjee	EEE
71	2013B5A7064H	V.Vasudha	Exploring FDTD based methods to understand control of light in Nano plasmonic structures	Prof. Kannanramaswamy	Physics
72	2013B5A7653H	Anuroop Gireesan	Effects of disorders on 3D ISING model	Prof. Thiruvikraman	Physics
73	2013B5A7655H	Hariram S	Classification of satellite images based on land use	Prof. Thiruvikraman	Physics
74	2013B5A7748H	Juhi Garg	Creating a diversified portfolio aided by stock market prediction using machine learning techniques	Dr. Aruna Malapati/Dr. K V S Shiv Chaitanya	Physics
75	2013B1A1756H	Sushanto Mukherjee	Developing pricing model for right biotic and valuation of the same	Prof. Suman Kapur/Prof. Niranjan Swain	Biological Sciences
76	2013B1A1482H	Anshul Mishra	Biofuel from lignocellulosic agro residues	Dr. Jayati Ray Dutta	Biological Sciences
77	2013B1A1821H	Sai Sumanth Reddy	Study of protein microenvironment in S- Glutathionylation	Dr. Debashree Bhandopadhyay	Biological Sciences
78	2013B1A1662H	Swagath Kumar Reddy	Study of microenvironment of selinyiated cysteine for various biochemical process	Dr. Debashree Bhandopadhyay	Biological Sciences
79	2013B1AB844H	Abhishek Dave	Prediction of composite material properties using wavelet neural networks	Dr. Phaneendra Kiran/Prof. K S Raju	Mechanical Engineering
80	2013B5A4832H	B. Bharath Kumar	Development at Novel AMC alloy	Prof. N S K Reddy	Mechanical Engineering
81	2014A4TS456H	Dvivedi Rohan Vipul Kumar	Flexible architecture process design	Prof. Jeevan Jaidi/Dr. Soumay J	Mechanical Engineering
82	2014A4TS842H	Siddharth Chaturvedi	Implementation of learn from demonstration on a tale robot	Dr. Arshad Javed	Mechanical Engineering
83	2013B5AB752H	Praneeth Bheema	Investigation on surface integrity novel alloy (AMC)	Prof. N. Suresh Kumar Reddy	Mechanical Engineering

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DUBAI CAMPUS SEM-I 2017-18

S.No.	BITS ID	Name	Topic	Supervisor	Department
1.	2014A9TS0015U	A Karthik Vasudev	Understanding Transcriptional Regulation of Disease Response (DR) Genes In Rice	Dr. TruptiswarupGhokle	BIOT
2.	2014A7TS0084U	Gowtham S	An IoT Solution to the Problem Of Parking	Dr. PritiBajpai	CS
3.	2014A9TS0006U	Harini M	Synthesis of Copper, Lead, Aluminium And Nickel Nanoparticles And Studying Their Effect of Nanoparticles on Plants	Dr. NeeruSood	BIOT
4.	2013A7TS0292U	Harsh Hirani	Designing And Implementing A Software Robotic Framework for Risk Control And Probabilistic Outcome Enhancement On Heterogeneous Financial Market Instruments	Mr. Nandkumar	CS
5.	2014A4TS0246U	Kartik Krishna	Reduce Order Moduling And Active Control Of Unsteady Fluid Flows	Dr. Shashank Khurana	MECH
6.	2014A9TS0229U	Madhav Mukul Kothari	To find and study the hydrogen production pathway in Enterobacter Cloacae IIT-BT 08 using computational Biology	Dr. Ramchanderan	BIOT
7.	2014A7TS0265U	Naman Kamra	Design and Implementation of Text Summarization Service Using Natural Language Techniques	Dr. Santhosh Kumar	CS
8.	2014A7TS0308U	Nishank Singhal	Automated Judgement of Video Interview Based On Facial Gestures, Eye Contact And Hand Gestures Using CNN-RNN	Dr. JagadishNayak	CS
9.	2014A7TS0332U	Phadke Gautam Sanjay	Feature Classification in Satellite Imagery Using Deep Learning	Dr. S. Vadivel	CS
10.	2014A7TS0102U	Piyush Ajay Batra	Machine Learning on Big Data (Predicting Box-Office Revenue of Bollywood Movies using Machine Learning)	Dr. SiddhalingUrologin	CS
11.	2014A7TS0349U	Sangani Varun Jayesh	Virtual Reality Suit : Tour of University	Dr. Sujala D. Shetty	CS
12.	2014A3TS0017U	Saraiya Aaditya Asit	Intelligent Interface For Navigation And Robotic Manipulation of A Mobile Robot	Dr. V. Kalaihelvi	EEE
13.	2014A7TS0041U	Shaurya Sood	Design of A Machine Learning Based Framework For Storage and Retrieval Of Distributed Audio Data	Dr. B. Vijayakaumer	CS
14.	2014AATS032U	ShirsatAyush Ashish	Simulation of An Autonomous Pay & Park Car Parking System	Dr. Mary Lourde R	ECE
15.	2014A4TS0295U	Siddhant Farwaha	Fabrication and Characterization of Direct Liquid Fuel Cell	Dr. PriyankUpadhyaya	MECH
16.	2014A4TS0134U	Tummala Vudaya Sankar	Corrosion Resistance Analysis of 316L Stainless Steel/Monel 400 Alloy Dissimilar Metal Joints	Dr. R. Karthikeyan	MECH
17.	2014A1TS0133U	Prabaharan Rubeena Crystal	Screening of Opiate Class Of Drugs In Equine Urine and Plasma –A Comparative Study On Extraction Methods And Instrumental Analysis	Dr. Rajib Ghosh	CHEM
18.	2014A7TS0034U	Aishwarya Singh	Predicting The Complexity Of Cellular Automata	Mr. Gaurav Saxena	CS

Completed First Degree Thesis - 2017

HDD

PILANI SEM-II 2016-17

S.No.	BITS ID	NAME	TOPIC	SUPERVISOR	DEPARTMENT
1	2011HS06237P	TELANG SUJEET AJAY	HAND GESTURE CONTROL	DR B K ROUT	MECHANICAL
2	2011HS12191P	CHIRAG CHHABLANI	SYNTHESIS OF CLONE DETECTION AND CLUSTERING TECHNIQUES	KULDEEP KUMAR	CSIS
3	2011HS23162P	PRIYESH SHUKLA	Capacitive interface for MEMS Sensors	DR ANU GUPTA	EEE
4	2011HS40274P	RAUNAK MANEKAR	Design and implementation of Convolutional and Deep Neural Networks	DR CHANDRA SHEKHAR	EEE
5	2015H101016P	DHIVYA P	DEVELOPMENT OF SOFT SENSOR FOR METHYL ACETATE REACTIVE DISTILLATION SYSTEM	Prof. Hare Krishna Mohanta	CHEMICAL
6	2015H101017P	POORNIMA K	Targeted Oral Drug Delivery of Nano particles for Colon Cancer	Prof. Suresh Gupta	CHEMICAL
7	2015H101018P	PADARTHI KRISHNA YASHWANTH	Rietveld Analysis of BIMEVOX catalysts used for hydrogen production	Dr. Banasri Roy	CHEMICAL
8	2015H101019P	YUKTI	Design and Development of compact & economically viable metallic nano- particles fixed-bed for the treatment of Industrial Wastewater	Prof. Suresh Gupta	CHEMICAL
9	2015H101020P	PRATISHTHA RATHORE	Experimental and theoretical study on production of hydrogen rich gas from biomass	Dr. Pratik N Sheth	CHEMICAL
10	2015H101021P	LATA JOSHI	Flow Pattern in Loop Reactors	Prof. Arvind Kr. Sharma	CHEMICAL
11	2015H101025P	VIKASH KUMAR	Design and development of novel biomass cookstove	Dr. Pratik N Sheth	CHEMICAL
12	2015H101026P	CHAVA RAMA KRISHNA	LCA Biodiesel Production from microalgae using wastewater	Dr. Smita Raghuvanshi	CHEMICAL
13	2015H101027P	PATIL BHAGYESHA SUNIL	Metal based Nanocatalysts for Hydrogen Production by Low Temperature Steam Reforming of Ethanol	Dr. Banasri Roy	CHEMICAL
14	2015H101028P	DHAGE SUMIT BANSILAL	Bioremediation of soil contaminated with waste engine oil	Dr. Amit Jain	CHEMICAL
15	2015H101029P	ABHISHEK MISHRA	COLD MODEL STUDY OF RECIRCULATING FLUIDIZED BED FOR CHEMICAL LOOPING COMBUSTION	Dr. ARVIND Sharma	CHEMICAL
16	2015H101030P	SHRUTI GUPTA	Syngas Production by reforming of Biogas by using Ni-based Monolithic Catalysts	Dr. Srinivas Appari	CHEMICAL
17	2015H101032P	PRIYA	DKM of poisoning and regeneration of Ni catalyst during biogas steam reforming	Dr. Srinivas Appari	CHEMICAL
18	2015H101033P	DEEPIKA SHANMUKHA HEGDE	CFD Simulation and process refinement of fluid catalytic cracking	Dr. Priya C Sande	CHEMICAL

S.No.	BITS ID	NAME	TOPIC	SUPERVISOR	DEPARTMENT
19	2015H103078P	VIVEK PANDYA	To implement the LLVM backend for Xilinx's MicroBlaze softprocessor	Vidhumouti Hunsigida	CSIS
20	2015H106137P	Johan Paul	Non-linear Vibration in Rotordynamics	Dr. Murali Palla	MECHANICAL
21	2015H106148P	Behara Santosh Sagar	STUDY AND ANALYSIS OF LOOSENE OF THE ROTO SHAFT	Dr. A.K.Jalan	MECHANICAL
22	2015H106149P	KRATI	Nano-Robotics	DR J S RATHORE	MECHANICAL
23	2015H106151P	Karan Ghule	CFD analysis of boiling	Dr. Shyam Sunder	MECHANICAL
24	2015H108191P	Saswata Banerjee	Development of novel lipid based nanocarrier systems	Dr.Gautam Singhvi	PHARMACY
25	2015H129001P	Kumar Udit kumar	#N/A	Dr.Rajdeep choudhury	BIOLOGY
26	2015H129003P	Poorvi Raghavndra	IMMUNE SYSTEM DYNAMICS DURING SALMONELLA INFECTION	Prof.Dipshika chakravotty	BIOLOGY
27	2015H129004P	Surabhya Balasubramanian	Study of Potential ANTAR RNA transcription in Mycobacteria. (Temporary Title)	Dr.Arati Ramesh	BIOLOGY
28	2015H129008P	R. Sukanya	IL-27-ROLE IN TUBERCULOSIS IMMUNITY	Dr. Vani janakiraman	BIOLOGY
29	2015H129011P	K.Lohitesh	TO STUDY EPIGENETIC REGULATION IN GLIBLASTOM CELL ILNE	Dr. Rajdeep Choudhury	BIOLOGY
30	2015H129012P	Ramya R	ROLE OF SIRTUINS IN AUTOPHAGY	Prof.Dipshikha Chakravorty	BIOLOGY
31	2015H129013P	Diksha Agnihotri	BIOLOGY AND IMPLICATION FOR HUMAN DESESES	Dr. Shantanu sengupta	BIOLOGY
32	2015H130054P	RISHBH BAJPAI	ANALYSIS OF NATURALITIC DRIVING DATA TO DESIGN THE ROADWAY ELEMENT	DR PRASANTA KUMAR SAHU	CIVIL
33	2015H130055P	RITVIK D CHAUHAN	Effect of Side Friction on Urban Road Capacity	DR PRASANTA KUMAR SAHU	CIVIL
34	2015H130056P	ABHINAV YADAV	DETERMINING CAPICITY AND LEVEL OF SERVICE OF MULTILANE INTERURBAN HIGHWAY	DR DURGESH VIKARAM	CIVIL
35	2015H130057P	PATEL JAY A	Developing a capacity model for roundabout in heterogeneous traffic condition	DR DURGESH VIKARAM	CIVIL
36	2015H130058P	ABDUL MOIN GHANI	Strength evaluation of asphalt mix containing copper tailing	DR NIKHIL SABOO	CIVIL
37	2015H130060P	SHARMA GAJANAND SANTOSHKUMAR	Evaluation of crowding effect on Mumbai Suburban Rail system	DR PRASANTA KUMAR SAHU	CIVIL
38	2015H130062P	AJINKYA ASHOK INGALE	Investigating Indian Driver Decision Making Behavior at Intersections using questionnaire survey	DR PRASANTA KUMAR SAHU	CIVIL
39	2015H130063P	ANUJ BHAGWAN	EFFECT OF MARSHALL BLOWS ON THE PERFORMANCE OF BITUMEN	DR NIKHIL SABOO	CIVIL
40	2015H141103P	G.Vijayanand	Simulation of crack using Bourdin's model	Dr. Murali Palla	MECHANICAL
41	2015H141104P	Zanje Sumit Rajendra	NUMERICAL & COMPUTATIONAL ANALYSIS OF FLOW PAST CYLINDER	Dr. Amol Marathe	MECHANICAL

S.No.	BITS ID	NAME	TOPIC	SUPERVISOR	DEPARTMENT
42	2015H141107P	Devanshu Rana	FAULT DIAGNOSIS OF ROTOR MIALIGNMENT	Dr. Arun Kumar Jalan	MECHANICAL
43	2015H141108P	Basuraj Shyam	Reduced order modelling of vortex shedding of oscillatory bluff body	Dr. Amol Marathe	MECHANICAL
44	2015H141111P	Aseem Shrivastava	STRESS AND DEFORMATION ANALYSIS ON CIRCULAR RINGS UNDER THERMAL BONDING	Dr. Prateek Kala	MECHANICAL
45	2015H141112P	Medida Sarath Chandra	Finite Element and Reduced order modelling of gear pair	Dr. Shyam Sunder	MECHANICAL
46	2015H141113P	Sunit Dewan	Thermal Management of Klystron	Prof. P.Srinivasan	MECHANICAL
47	2015H142130P	Aayush Bhardwaj	Evaluation and enhancement of agility index in a manufacturing supply chain	Dr. Srikanta Routroy	MECHANICAL
48	2015H142133P	Mohit Agrawal	Application of MCDM techniques in Supply Chain Management : A Review	Prof. A.K.Digalwal	MECHANICAL
49	2015H143047P	ANIRUDDHA TANGIRALA	Use of artificial intelligence in concrete mix design	DR. DIPENDU BHUNIA	CIVIL
50	2015H143048P	SANKET RAWAT	OPTIMIZATION OF ECCENTRICALLY LOADED PAD FOOTING	DR. RAVIKANT MITTAL	CIVIL
51	2015H143049P	SPANDAN BERA	SEISMIC ANALYSIS OF LATERALLY LOADED PILES	DR. RAVIKANT MITTAL	CIVIL
52	2015H143050P	ASHFAQ ANSHAD	Analysis of Functionally Graded Concrete Beams	DR S.B. SINGH	CIVIL
53	2015H143052P	AKSHAY D MALLAN	Effect of Openings on Static response of Core wall structures	DR . MANOJ KUMAR	CIVIL
54	2015H144040P	SOMYA AGARWAL	Soil Resistivity	DR. SHIBANI K JHA	CIVIL
55	2015H146206P	Hinge Nikita Subhash	Erythrocyte loaded chloroquine for malaria treatment	Dr.Aniruddha Roy	PHARMACY
56	2015H146211P	Tejas Girish Agnihotri	DEVELOPMENT OF PK-PD MODELS FOR CNS DISORDERS THROUGH NOVEL DRUG DELIVERY SYSTEM	Dr. Sunil K Dubey	PHARMACY
57	2015H147199P	Shashwat	Inhibition of melanization as a method for Vector control	Dr. Atish T Paul	PHARMACY
58	2015H106145P	KUSHAGRA DWIVEDI .	Design of Micro-Channel Heat Exchangers for CO2 refrigeration system	DR P SHRINIVASAN	MECHANICAL

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GOA SEM-II 2016-17

S.No	ID No	Name	Title	Supervisor	Department
1.	2015H101010G	Rushabh Ketan Mevawaka	Microwave Assisted beneficiation of Iron-ore	Prof. S.S. Baral	Chemical Engineering
2.	2015H101011G	Shaifali Tyagi	Rheological dyanmics exhibited by bioglass	Dr. Asima Shaukat	Chemical
3.	2015H101006G	Krupa Balakrishnan	Graphene Composite Coatings for Anti- Corrosion Behaviour	Prof. Sutappa Roy ramanan	Chemical Engineering
4	2015H101008G	Shubhangi Singh	Hybrid desulphurisation of high sulphur indian coals	Prof. Srinivas Krishnaswamy	Chemical Engineering
5	2015H101014G	Subrejha J	Multilevel Inferential control of a reactor	Dr. Dhanya Ram V	Chemical Engineering

6	2015H101009G	Shah Manovi Tailap	Molten Salt Gasification of Carbonaceous Materials	Prof. Srinivas Krishnaswamy	Chemical Engineering
7	2015H101007G	Vinay Kaushik	Effect of shape & Size of Magnetic Hydroxyapatite nano particles on biological application	Prof. Sutapa Roy Ramanan	Chemical Engineering
8	2015H101013G	Bhati M Khavir	Study of tribological behaviour of greases with varying Composition	Dr. Asima Shaukat	Chemical Engineering
9	2015H103017G	Ayushi Goel	Investigation of Malicious android Apps	Sanjay Kumar Sahay	CS&IS
10	2015H103016G	Samriti Gupta	Design of Scheduling Algorithm for mixed Criticality Real time Systems	Dr. Biju K Raveendran	CS&IS
11	2015H103018G	Sidharth Iyer	Application of data mining techniques and visualisation in air warfare simulation systems	Dr. D.Vijay Rao	CS&IS

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HYDERABAD SEM-II 2016-17

S.No	BITS ID	Name	Topic	Supervisor	Department
1	2015H148052H	V VENKATESWARA RAO .	Experimental investigations on hybrid nano-composite PCM-mortar for sustainable buildings	Dr. Parameshwaran/Prof. V Vinayaka Ram	Mechanical Engineering
2	2011HS48275H	SYED RAZIUDDIN .	Materials characterization for use in thermochemical thermal energy storage	Dr. N. Jalaiah/Dr. Ramakrishnan Ganeshan	Mechanical Engineering
3	2015H124026H	DESHMUKH VAISHALI SAMBHAJIRAO	Optimization difference pattern for planar arrays	Dr. Srinivasa Rao Zinka	EEE
4	2015H124030H	ANKIT KUMAR .	Proposing a new routing protocol based on spatiotemporal data analysis for opportunistic network and comparing the rapid results with other existing routing protocol	Mr. Abhishek Thakur/Mr. Ananth Saradhi	EEE
5	2015H124031H	SATHIYANARAYANA N R .	To study and implementation of energy efficient device discovery protocol for opportunistic networking	Mr. Abhishek Thakur/Mr. Ananth Saradhi	EEE
6	2011HS24132H	SUNKARA VENKATA PRASANTH .	Transmit in beam pattern in frequency diverse array	Prof. Yoganadam	EEE
7	2015H129009H	ANITHA R .	Consequences of molecular crowding on the structure and stability of the proteins	Prof. Ramakrishna Vadrevu	Biological Sciences
8	2015H143017H	AKHIL S .	Effect of friction of non structural elements on dynamic response of the structure	Dr. Chandu Parimi	Civil Engineering
9	2015H143018H	STUTI MONDAL .	Experimental characterization and numerical investigations of seismic base isolators and base-isolated structures	Dr. Vasant Matsagar/Dr.Mohan SC	Civil Engineering
10	2015H143019H	HISHAM HASAN MOHIUDDIN .	Topology optimization of cross-sections for structural design using level sets	Dr. Chandu Parimi/Dr.A.Vasan	Civil Engineering
11	2015H143020H	GOWRE MANOOKARE. S .	Using topology optimization for diagrid structure	Prof. A Vasan	Civil Engineering

S.No	BITS ID	Name	Topic	Supervisor	Department
12	2015H143021H	RAJASUGANTHA A .	Non-Linear seismic analysis of the 2 similar coupled with dampers	Mohan S C	Civil Engineering
13	2015H143023H	VARUN KONERU .	Assessing failure of dams and bridges using damage plasticity model a numerical approach	Kalyana Rama J S	Civil Engineering
14	2015H146061H	KUNAL MANOJ NINAVE .	Preparation & characterization of temperature sensitive liposom for topical co delivery of tamoxifen & imatinib for treatment of breast cancer	Dr. V Vamsi Krishna Venuganti	Pharmacy
15	2015H146062H	SAWALE ASHWINI SANJIVKUMAR RUKMINI	Development of formulation of shikonin for elective inhibition of inflammatory pathway in diabetic tissue injury	Dr. Onkar Kulkarni/Dr. V Vamsi Krishna Venuganti	Pharmacy
16	2015H146063H	SHAH AASHMA PRASHANT HEENA .	Formulation and evaluation of topical dosage form	Dr. Trupti Chitre/ Dr. Swati Biswas	Pharmacy
17	2015H146064H	MOHAMMED SHAREEF KHAN .	Formulation and characterization of cilnidipine nanocrystals	Prof. Punna Rao	Pharmacy
18	2015H146065H	KOMANDURI NEERAJA .	Powder Rheology evaluation for granulation	Dr. Ananad Rup Datta/Dr.Swati Biswas	Pharmacy
19	2011HS01497H	JASRAJ PADHI .	Crude oil characterization and correlation Development	Prof. Srikanta Dinda	Chemical Engineering
20	2011HS01504H	PARUCHURI BIPIN CHAKRAVARTHY .	Studies of Co2 capture from simulated flue gas	Prof. Srikanta Dinda	Chemical Engineering
21	2015H101010H	POORNIMA K .	Development of Synthetic resin	Prof. Srikanta Dinda	Chemical Engineering
22	2015H101012H	RAMADURGAM ANIRUDDHA .	Biomaterials in carbon capture synthesis characterization and performance studies	Dr. I Sreedhar	Chemical Engineering
23	2015H101013H	BITHUNSHAL U B .	Coupling of gas- solid flow of complex geometry	Dr. Vikranth Kumar Sursani	Chemical Engineering
24	2015H101014H	PATIL NEHA SANJAY .	Crude cracking and product analysis	Prof. Srikanta Dinda	Chemical Engineering
25	2015H101015H	SHIVANI MALIK .	Synthesis, Physic chemical , carbon caputre and performance studies of Biomass derived porous carbon	Dr. I Sreedhar	Chemical Engineering
26	2015H101016H	MEGHA GUPTA .	Removal of heavy metals from waste water by using green catalyst	Dr. I Sreedhar	Chemical Engineering
27	2015H129003H	NIVETHA SIVASANKARAN .	Antimicrobial activity of lipase Immobilized Sliver nanoparticle on microbial strains	Dr. Jayati Ray Dutta/Dr. Ramakrishnan Ganesan	Biological Sciences
28	2015H129006H	ROSHINI B .	Screening of steroid hormones for targeted therapeutics against cancer	Prof. K Pranav Narayan/ Prof. Naga Mohan	Biological Sciences
29	2015H129008H	DIVYATA MANVATI .	Role of Phosphorylation at the 445, Ser 448 o DMA P1 I in nuclear localization and cell cycle regulation	Prof. Naga Mohan	Biological Sciences

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DUBAI SEM-II 2016-17

S.No	ID No	Name	Title	Supervisor	Department
1.	2015H1410017U	Arvind Nageswaran	STUDY OF STRUCTURAL INTEGRITY OF CRANES USING EXPERIMENTAL STRESS ANALYSIS BY STRAIN GAUGING	Dr. Ram Karthikeyan	MECH
2.	2015H1410022U	D Satheesh Kumar	AUTOMATION OF WINCH MACHINE	Dr. R. Udaya Kumar	MECH
3.	2015H1230012U	M Azeem Gafoor	DESIGN AND ANALYSIS OF HIGH SPEED PHASE LOCKED LOOP IN 180nm TECHNOLOGY	Dr. A R Abdul Rajak	EEE
4.	2015H1410014U	N.P. Pramod	NEWLY DESIGNED EXPLOSION PROOF ENCLOSURE WITH CYCOM 5254-4 MATERIAL AND ITS ANALYSIS	Dr. PriyankUpadhyaya	MECH
5.	2015H1410023U	Ranjeet Kumar	INTERPRETATION OF HEAT LOAD ANALYSIS OF A COMMERCIAL GREENHOUSE USING CONVENTIONAL AND NUMERICAL METHODS	Dr.Perirsamy	MECH
6.	2015H1120010U	Smitha S	A CLOUD TECHNOLOGY APPLICATION FOR EMERGENCY AND DISASTER MANAGEMENT USING ANDROID DEVICES	Mr. Nand Kumar	CS
7.	2015H1230011U	Syed Azhar Khalid Aisha	RADIATION HARDENED ADVANCED ENCRYPTION STANDARD CORE	Dr. Vilas H Gaidhane	EEE
8.	2015H1410009U	Vijay Joe Oommen	DESIGN OF FIXURES FOR INCREMENTAL SHEET METAL FORMING	Dr. Vishal GangadharNaranje	MECH
9.	2015H1410007U	Fernandes,Prakash Nevil	STUDY AND COST COMPARISION OF AN INCOLOY 925 MATERIAL WITH THAT OF A NICKEL PLATED 110 KSI ALLOY STEEL	Dr. Vincent Shantha Kumar	MECH
10.	2015H1410006U	Suresh Abhishek Mantripragada	AEROTHERMODYNAMICS OF HYPERSONIC VEHICLES	Dr. Shashank Khurana	MECH
11.	2015H1490016U	Nishanthi Hajis	HUMAN RESOURCES MANAGEMENT SELECTION PROCESS AND EXIT INTERVIEW	Dr. A Srinivas Rao	HSS
12.	2015H1490002U	Palash Saxena	SUPPLY CHAIN ANALYSIS OF SOUQ.COM	Dr. Sujala D Shetty	HSS
13.	2015H1490015U	T M Mahyar	HUMAN RESOURCES MANAGEMENT RECRUITMENT PRACTICES AND PERFORMANCE APPRAISALS IN UAE	Dr. A Srinivas Rao	HSS
14.	2015H1490019U	Vemuri Sowmya	ISSUES AND CHALLENGES FACED BY MICRO LEVEL ENTREPRENEURS IN UAE	Dr. A Srinivas Rao	HSS
15.	2015H1490003U	Rahim,Sarosh Rahil	SUPPLY CHAIN MANAGEMENT IN A FMCG COMPANY	Dr. Sujala D Shetty	HSS

HDD**PILANI SEM-I 2017-18**

S.No	BITS ID	Name	Topic	Supervisor	Department
1	2016H101014P	RAJAN SINGH	Nano catalyst system for H ₂ production	Dr. Banasri Roy	CHEMICAL
2	2016H101017P	JOSHI PARTH ASHISHBHAI	Experimental and Theoretical Investigation on steam gasification followed by catalytic conditionings.	Dr. Pratik N. Sheth	CHEMICAL
3	2016H101021P	PRITISH PRAYAG SAHOO	Design of soft-sensor for Reactive Distillation column	Prof. Hare Krishna Mohanta/	CHEMICAL
4	2016H101023P	PRASAD SUNIL SAHU	Novel catalyst for H ₂ production from renewable energy sources	Dr. Srinivas Appari	CHEMICAL
5	2016H101024P	RAJPUT ARTI AYODHYA PRASAD	Development of compact and eco-viable metallic nano-particle fixed bed for treatment of industrial wastewater	Prof. Suresh Gupta	CHEMICAL
6	2016H101025P	MOMIN XERXES MEHBOOB	Optimum Foam Quality for contaminated Soil Remediation and better detergent formulation	Dr. Pradipta Chattopadhyay	CHEMICAL

HDD**GOA SEM-I 2017-18**

S.No	BITS ID	Name	Topic	Supervisor	Department
1.	2016H101012G	Shuchi	Development of material for visible light photocatalytic hydrogen production from industrial waste water	Dr. Saroj Sundar Baral	Chemical Engg
2.	2016H101009G	Soham Surendra Kale	Influence of base oil consistency on rheological and tribological behaviour of biogreases	Dr. Asima Shaukat	Chemical Engg
3.	2016H101011G	Nikhil Sasidharan	Phase Equilibria	Prof. Srinivas Krishnaswamy	Chemical Engg
4	2011HD01588G	Alwin Micheal Tomy	Modelling Multilayered fluid flows over structured substrates	Dr. Rajagopal Vellingiri	Chemical Engg
5	2016H101013G	Ambika Parab	Air quality monitoring, emission inventory & source apportionment study for vasco	Prof. S.D. Manjare	Chemical Engg
6	2016H101008G	Malladi Mann Bhaskara Rao	Investigations on Corrosion protection behaviour of graphene polymer Nanocomposites	Dr. Sutapa Roy Ramanan	Chemical Engg

HDD**HYDERABAD SEM-I 2017-18**

S.No	BITS ID	Name	Topic	Supervisor	Department
1	2016H1010009H	AJJARAPU SWARNA LALITHA .	Studies on CO ₂ capture from gases using regenerable solid adsorbents	Prof. Srikanth Dinda	Chemical Engineering
2	2016H1010010H	SHAURYA MOHAN .	Bio sorption of heavy metals from the industrial effluent batch and column studies	Dr. Vikranth Kumar Sursani/Prof. N Rajesh & Prof. Vidya Rajesh	Chemical Engineering

S.No	BITS ID	Name	Topic	Supervisor	Department
3	2016H1010011H	NAMRATA UPRETI .	Thermal cracking of kerosene using lumped kinetic model(modeling and simulations)	Dr. Vikranth Kumar Sursani/Prof. Srikanth Dinda	Chemical Engineering
4	2016H1010012H	ABINAYA VENI R .	Growth and characterization of fungal biofilms: effects of process parameters	Dr. Asma Ahmed/Prof. Arvind N Raghavan	Chemical Engineering
5	2016H1010014H	MOHD RIZWAN KAREEMI .	Mathematical modeling of fuel cells	Dr. Balaji Krishnamurthy	Chemical Engineering
6	2016H1010013H	IYANGAR ANUSHA RAJA .	Coir based applications	Dr. D Poornima	Chemical Engineering
7	2016H1430017H	ANJU HANNA ALEX .	Determination of shrinkage strain of alkali activated binder concrete	Dr. Arkamitra Kar	Civil Engineering
8	2016H1430018H	AMIT KUMAR MAITI .	Pavement Hire interaction using Finite Element Method	Dr. Chandu Parimi/Prof. Sridhar Raju	Civil Engineering
9	2016H1480053H	KOLLI SRAVANI	Study on PCM based cladding for heating /cooling applications in building	Dr. Paremshwaran/Prof. Vinayaka Ram	Mechanical Engineering

HDD

DUBAI SEM-I 2017-18

S.No	BITS ID	Name	Topic	Supervisor	Department
1.	2015H1410905U	Kiran Joseph Thomas	Corrosion CharaterizationIncoloy 925 And Nickel Plated Low Alloy Steel	Dr. Vincent Shantha Kumar	MECH
2.	2015H1410904U	Nithin Nelson	Effect Of Lubrication On Tribological Properties of Cold Working Tool Steel	Dr. Ram Karthikeyan	MECH
3.	2015H1490903U	Ashiq Mohammed Ashraf	Study Of Supply Chain Management In Fresh Food Insuustry& Its Analysis In Dubai Market	Dr. S. Baskaran	HSS
4.	2015H1490901U	Govindolla Sree Geethi	Analysis of Consumer Behaviour in UAE Retail Markets	Dr. Natesa Prasad	HSS
5.	2015H1490900U	MedhaRavindranath	Human Resource Practices In Uae	Dr. Srinivasa Rao	HSS
6.	2015H1490902U	Ram Kaushik Venkatnarayanan	Assessing the Implementation and Business Impact of Erp In SMEs - UAE	Dr. Sujala D Shetty	HSS

List of Research Publications in SCOPUS indexed journals

Pilani Campus

1. Srivastava A.M., Bagchi P., Das A., Layek B.; "High-density QCD phase transitions inside neutron stars: Glitches and gravitational waves" *Pramana - Journal of Physics*, 89 (4)
2. Paramanik R.N., Kamaiah B.; "An empirical analysis of Indian business cycle dynamics" *Economic Annals*, 62 (213), 7-25
3. Sinha A., Chotia V.; "Estimating the public efficiency of India: A state wise Analysis" *International Journal of Public Sector Performance Management*, 3 (3), 266-278
4. Suneja D., Chaturvedi N., Gurunarayanan S.; "A comparative analysis of read/write assist techniques on performance & margin in 6T SRAM cell design 2017" *International Conference on Computer, Communications and Electronics, COMPTHELIX*, 659-664
5. Shukla T., Kanna C.; "Information technology in relation to human resource management: An impact evaluation study on Indian banking sector" *International Journal of Human Resources Development and Management*, 17, 266-281
6. Basantani M.K., Gupta D., Mehrotra R., Mehrotra S., Vaish S., Singh A.; "An update on bioinformatics resources for plant genomics research" *Current Plant Biology*.
7. Chandran R., Sharma A., Bhomia M., Balakathiresan N.S., Knollmann-Ritschel B.E., Maheshwari R.K.; "Differential expression of microRNAs in the brains of mice subjected to increasing grade of mild traumatic brain injury" *Brain Injury*, 31 (1), 106-119
8. Choudhary B., Kamak M., Ratnakaran N., Kumar J., Awasthi A., Li C., Nguyen K., Matsumoto K., Hisamoto N., Koushika S.P.; "UNC-16/JIP3 regulates early events in synaptic vesicle protein trafficking via LRK-1/LRRK2 and AP complexes" *PLoS Genetics*, 13(11).
9. Dhatterwal P., Mehrotra S., Mehrotra R.; "Optimization of PCR conditions for amplifying an AT-rich amino acid transporter promoter sequence with high number of tandem repeats from *Arabidopsis thaliana*" *BMC Research Notes*, 10 (1)
10. Dhawan R., Gupta K., Kajla M., Kakani P., Choudhury T.P., Kumar S., Kumar V., Gupta L.; "Apolipoprotein III acts as a positive regulator of Plasmodium development in *Anopheles stephensi*" *Frontiers in Physiology*, 8
11. Gella L., Raman R., Pal S.S., Ganesan S., Sharma T.; "Incidence, Progression, and Associated Risk Factors of Posterior Vitreous Detachment in Type 2 Diabetes Mellitus: Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetic Study (SN-DREAMS II, Report No. 7)" *Seminars in Ophthalmology*, 32(2), 191-197
12. Gella L., Raman R., Pal S.S., Ganesan S., Sharma T.; "Contrast sensitivity and its determinants in people with diabetes: SN-DREAMS-II, Report No 6" *Eye (Basingstoke)*, 31(3) 460-466
13. Gupta K., Dhawan R., Kajla M., Misra T., Kumar S., Gupta L.; "The evolutionary divergence of STAT transcription factor in different *Anopheles* species" *Gene*, 596, 89-97
14. Jain N., Bhargava A., Pareek V., Sayeed Akhtar M., Panwar J.; "Does seed size and surface anatomy play role in combating phytotoxicity of nanoparticles?" *Ecotoxicology*, 26(2), 238-249
15. John A., Vetrivel U., Subramanian K., Deepa P.R.; "Comparative docking of dual conformations in human fatty acid synthase thioesterase domain reveals potential binding cavity for virtual screening of ligands" *Journal of Biomolecular Structure and Dynamics*, 35(6), 1350-1366
16. Kajla M., Kakani P., Choudhury T.P., Kumar V., Gupta K., Dhawan R., Gupta L., Kumar S.; "Anopheles stephensi heme peroxidase HPX15 suppresses midgut immunity to support Plasmodium development" *Frontiers in Immunology*, 8
17. Kannan M., Li J., Fritz S.E., Husarek K.E., Sanford J.C., Sullivan T.L., Tiwary P.K., An W., Boeke J.D., Symer D.E.; "Dynamic silencing of somatic L1 retrotransposon insertions reflects the developmental and cellular contexts of their genomic integration" *Mobile DNA*, 8(1), 1-19
18. Kono T., Mehrotra S., Endo C., Kizu N., Matusda M., Kimura H., Mizohata E., Inoue T., Hasunuma T., Yokota A., Matsumura H., Ashida H.; "A RuBisCO-mediated carbon metabolic pathway in methanogenic archaea" *Nature Communications*, 8
19. Kulshrestha T., Gupta A., Chowdhury S.; "Classification of DNA structure through structure network analysis" *Proceedings of the 9th International Conference on Bioinformatics and Computational Biology, BICOB*, 45-50
20. Srinivas R., Singh A.P.; Application of Fuzzy Multi-criteria Approach to Assess the Water Quality of River Ganges, *Advances in Intelligent Systems and Computing*, 583, 513-522

21. Kumari N., Agrawal U., Mishra A.K., Kumar A., Vasudeva P., Mohanty N.K., Saxena S.; "Predictive role of serum and urinary cytokines in invasion and recurrence of bladder cancer" *Tumor Biology*, 39(4)
22. Malvia S., Bagadi S.A., Dubey U.S., Saxena S.; "Epidemiology of breast cancer in Indian women" *Asia-Pacific Journal of Clinical Oncology*, 13(4), 289-295
23. Mehrotra R., Renganaath K., Kanodia H., Loake G.J., Mehrotra S.; "Towards combinatorial transcriptional engineering" *Biotechnology Advances*, 35 (3), 390-405
24. Mukherjee S., Dash S., Lohitesh K., Chowdhury R.; "The dynamic role of autophagy and MAPK signaling in determining cell fate under cisplatin stress in osteosarcoma cells" *PLoS ONE*, 12(6)
25. Nogia P., Tomar V., Sidhu G.K., Mehrotra R., Mehrotra S. ; "Relative efficiencies of transient transformation of *Arabidopsis thaliana* and *Nicotiana tabacum* upon heterologous expression of membrane proteins" *Indian Journal of Biotechnology*, 16(2), 195-198
26. Rai A., Pradhan P., Nagraj J., Lohitesh K., Chowdhury R., Jalan S.; "Understanding cancer complexome using networks, spectral graph theory and multilayer framework" *Scientific Reports*, 7
27. Ramanujam S., Muthuvel B., Aravind C. B., Biswas J., Konerirajapuram N.S.; "The 88-kDa Eales' protein in serum is a complex of haptoglobin, complement C3, and galectin-1 as identified by liquid chromatography coupled mass spectrometry" *Proteomics - Clinical Applications*, 11
28. Sabat D., Millan S., Sethy P.S., Marathe S., Sahoo H., Mishra M.; "Elemental analysis of various feathers of Indian rose ringed parakeet *Psittacula krameri*" *Springer Proceedings in Physics*, 186, 33-40
29. Saggi G.S., Garg S., Pala Z.R., Yadav S.K., Kochar S.K., Kochar D.K., Saxena V.; "Characterization of 4-hydroxy-3-methylbut-2-en-1-yl diphosphate synthase (IspG) from *Plasmodium vivax* and its potential as an antimalarial drug target" *International Journal of Biological Macromolecules*, 96, 466-473
30. Shanmugam B.K., Easwaran S.N., Lakra R., Deepa P.R., Mahadevan S.; "Metabolic pathway and role of individual species in the bacterial consortium for biodegradation of azo dye: A biocalorimetric investigation" *Chemosphere*, 188, 81-89
31. Singh N.K., Mani R., Hussaindeen J.R.; "Changes in stimulus and response AC/A ratio with vision therapy in Convergence Insufficiency [Cambios del ratio AC/A estímulo y respuesta tras con terapia visual en casos de Insuficiencia de Convergencia]" *Journal of Optometry*, 10(3), 169-175
32. Singh R.P., Jha P., Jha P.N.; "Bio-inoculation of Plant Growth-promoting Rhizobacterium *Enterobacter cloacae* ZNP-3 Increased Resistance Against Salt and Temperature Stresses in Wheat Plant (*Triticum aestivum* L.)" *Journal of Plant Growth Regulation*, 36(3), 783-798
33. Singh R.P., Jha P.N.; "Analysis of fatty acid composition of PGPR *Klebsiella* sp. SBP-8 and its role in ameliorating salt stress in wheat" *Symbiosis*, 73(3), 213-222
34. Singh R.P., Jha P.N.; "The PGPR *Stenotrophomonas maltophilia* SBP-9 augments resistance against biotic and abiotic stress in wheat plants" *Frontiers in Microbiology*, OCT
35. Singh R.P., Nalwaya S., Jha P.N.; "The draft genome sequence of the plant growth promoting rhizospheric bacterium *Enterobacter cloacae* SBP-8" *Genomics Data*, 12, 81-83
36. Singh R.P., Runthala A., Khan S., Jha P.N.; "Quantitative proteomics analysis reveals the tolerance of wheat to salt stress in response to *Enterobacter cloacae* SBP-8" *PLoS ONE*, 12 (9)
37. Singh S., Velu G., Raman R.; "Development and Validation of Non simultaneous Retinal Image Acquisition-Based Retinal Oximeter" *Scientific Reports*, 7(1)
38. Sudha D., Patric I.R.P., Ganapathy A., Agarwal S., Krishna S., Neriyanuri S., Sripriya S., Sen P., Chidambaram S., Arunachalam J.P.; "Genetic studies in a patient with X-linked retinoschisis coexisting with developmental delay and sensorineural hearing loss" *Ophthalmic Genetics*, 38(3), 260-266
39. Tomar V., Sidhu G.K., Nogia P., Mehrotra R., Mehrotra S.; "Regulatory components of carbon concentrating mechanisms in aquatic unicellular photosynthetic organisms" *Plant Cell Reports*, 36 (11), 1671-1688
40. Vijaya L., Asokan R., Panday M., George R.; "Is prophylactic laser peripheral iridotomy for primary angle closure suspects a risk factor for cataract progression? the Chennai Eye Disease Incidence Study " *British Journal of Ophthalmology*, 101(5), 665-670
41. Vinita K., Sripriya S., Philomenadin F.M.S., Vaitheeswaran K., Raman R., Sharma T.; "High order interaction analysis of SNPs in PEDF (rs12150053, rs12948385) and EPO (rs1617640) genes with clinical determinants of type 2 diabetic retinopathy patients from south India" *Meta Gene*, 13, 92-98
42. Yadav R.S., Mahatma M.K., Thirumalaisamy P.P., Meena H.N., Bhaduri D., Arora S., Panwar J.; "Arbuscular mycorrhizal fungi (AMF) for sustainable soil and plant health in salt-affected soils" *Bioremediation of Salt Affected Soils: An Indian Perspective*, 133-156
43. Fageria L., Pareek V., Dilip R.V., Bhargava A., Pasha S.S., Laskar I.R., Saini H., Dash S., Chowdhury R., Panwar J.; "Biosynthesized Protein-Capped Silver Nanoparticles Induce ROS-Dependent Proapoptotic Signals and Prosurvival Autophagy in Cancer Cells" *ACS Omega*, 2(4), 1489-1504

44. Chattopadhyay P., Karthick R.A.; "Characterization and Application of Surfactant Foams Produced from Ethanol-Sodium Lauryl Sulfate-Silica Nanoparticle Mixture for Soil Remediation" *Macromolecular Symposia*,376(1)
45. Chopra P., Ghosh A., Roy B., Ghanty T.K.; "Theoretical prediction of noble gas inserted halocarbenes: FNgCX (Ng = Kr, and Xe; X = F, Cl, Br, and I)" *Chemical Physics*,494, 20-30
46. Dewangan A.K., Mazumder S., Perumal Y., Chopra K., Pavurala N.; "Preparation, characterization and anti-inflammatory effects of curcumin loaded carboxymethyl cellulose acetate butyrate nanoparticles on adjuvant induced arthritis in rats" *Journal of Drug Delivery Science and Technology*, 41,269-279
47. Jain V., Kishore P., Kumar R.A., Pani A.K.; "Inferential sensing of output quality in petroleum refinery using principal component regression and support vector regression" *Proceedings - 7th IEEE International Advanced Computing Conference, IACC 2017*,461-465
48. Kumar S., Gupta S., Nanoti S.M. ; "Techno-economic evaluation of top, middle, and bottom divided wall column configurations for benzene, toluene, and xylene processing in aromatic production plant" *Separation Science and Technology (Philadelphia)*,52(1),122-131
49. Mazumder S., Dewangan A.K., Pavurala N.; "Enhanced dissolution of poorly soluble antiviral drugs from nanoparticles of cellulose acetate based solid dispersion matrices" *Asian Journal of Pharmaceutical Sciences*,12(6),532-541
50. Mishra S., Raghuvanshi S., Gupta S., Raj K.; "Application of novel thermo-tolerant haloalkalophilic bacterium *Halomonas stevensii* for bio mitigation of gaseous phase CO₂: Energy assessment and product evaluation studies" *Process Biochemistry*,55,133-145
51. Patil B., Sharma S., Mohanta H.K., Roy B.; "BINIVOX catalyst for hydrogen production from ethanol by low temperature steam reforming (LTSR)" *Journal of Chemical Sciences*,129(11),1741-1746
52. Pradeep S., Raghuram S., Chaudhury M.G., Mazumder S.; "Synthesis and characterization of Fe³⁺ and Mn²⁺ doped ZnS quantum dots for photocatalytic applications: Effect of 2-mercaptoethanol and chitosan as capping agents" *Journal of Nanoscience and Nanotechnology*, 17(2), 1125-1132
53. Raghuvanshi S., Bhakar V., Sowmya C., Sangwan K.S.; "Waste Water Treatment Plant Life Cycle Assessment: Treatment Process to Reuse of Water" *Procedia CIRP*, 61,761-766
54. Santharam L., Samuthirapandi A.B., Easwaran S.N., Mahadevan S.; "Modeling of exo-inulinase biosynthesis by *Kluyveromyces marxianus* in fed-batch mode: correlating production kinetics and metabolic heat fluxes" *Applied Microbiology and Biotechnology*,101(5),1877-1887
55. Sharma R., May J., Alobaid F., Ohlemüller P., Ströhle J., Epple B.; "Euler-Euler CFD simulation of the fuel reactor of a 1 MWth chemical-looping pilot plant: Influence of the drag models and specular coefficient" *Fuel*, 200,435-446
56. Sharma S., Patil B., Pathak A., Ghosalkar S., Mohanta H.K., Roy B.; "Application of BICOVOX catalyst for hydrogen production from ethanol" *Clean Technologies and Environmental Policy*,1(7)
57. Singh B., Ghosh S., Aich S., Roy B.; "Low temperature solid oxide electrolytes (LT-SOE): A review" *Journal of Power Sources*,339,103-135
58. Mishra S., Chauhan P., Gupta S., Raghuvanshi S., Singh R.P., Jha P.N.; "CO₂ sequestration potential of halo-tolerant bacterium *Pseudomonas aeruginosa* SSL-4 and its application for recovery of fatty alcohols" *Process Safety and Environmental Protection*, 111, 582-591
59. Pradhan S.K., Panwar J., Gupta S.; "Enhanced heavy metal removal using silver-yttrium oxide nanocomposites as novel adsorbent system" *Journal of Environmental Chemical Engineering*, 5(6),5801-5814
60. Alam P., Dash S., Climent C., Kaur G., Choudhury A.R., Casanova D., Alemany P., Chowdhury R., Laskar I.R.;" 'Aggregation induced emission' active iridium(III) complexes with applications in mitochondrial staining" *RSC Advances*,7(10),5642-5648
61. Anand S., Muthusamy A., Dineshkumar S., Chandrasekaran J.; "Oxidative polycondensation of benzimidazole using NaOCl: Synthesis, characterization, optical, thermal and electrical properties of polybenzimidazoles" *Journal of Molecular Structure*, 1147, 351-363
62. Bajaj K., Sakhuja R.; "Aziridine-Mediated Ligation at Phenylalanine and Tryptophan Sites" *Chemistry - An Asian Journal*, 12 15,1869-1874
63. Baudha S., Dhakad S.K.; "Miniaturized compact super broadband printed monopole antenna"2017 International Conference On Nextgen Electronic Technologies: Silicon to Software, ICNETS2,30-33
64. Budania S., Shelke G.M., Kumar A.; "Synthesis of 3-alkenylated indole and bis(indol-3-yl) derivatives catalyzed by sulfonic acid-functionalized ionic liquid under ultrasound irradiation" *Synthetic Communications*, 47 (7),646-654
65. Byrne C., Subramanian G., Pillai S.C.; "Recent advances in photocatalysis for environmental applications" *Journal of Environmental Chemical Engineering*

66. Chanu I.H., Devi L.R., Khumanthem N., Singh N.I., Kumar D., Singh O.M. ; "Synthesis of functionalized benzo[f]2H-chromenes and evaluation of their antimicrobial activities" *Russian Journal of Bioorganic Chemistry* ,43(2),177-185
67. Choudhary A., Das B., Ray S.; "Encapsulated Schiff base nickel complex in zeolite Y: Correlation between catalytic activities and extent of distortion supported by experimental and DFT studies" *Inorganica Chimica Acta*, 462,256-265
68. Choudhary S., Pandey K., Budania S., Kumar A.; "Functionalized ionic liquid-assisted chromatography-free synthesis of bis(indolyl)methanes " *Molecular Diversity*,21(1),155-162
69. Climent C., Alam P., Pasha S.S., Kaur G., Choudhury A.R., Laskar I.R., Alemany P., Casanova D.; "Dual emission and multi-stimuli-response in iridium(III) complexes with aggregation-induced enhanced emission: Applications for quantitative CO₂ detection " *Journal of Materials Chemistry C*,5 (31),7784-7798
70. Das B., Chakraborty A., Chakraborty S.; "Effect of ionic charge on OH...Se hydrogen bond: A computational study" *Computational and Theoretical Chemistry* ,1102,127-138
71. Fageria P., Sudharshan K.Y., Nazir R., Basu M., Pande S.; "Decoration of MoS₂ on g-C₃N₄ surface for efficient hydrogen evolution reaction" *Electrochimica Acta*
72. Gogoi N., Agarwal D.S., Sehgal A., Chowdhury D., Sakhuja R.; "One-Pot Synthesis of Carbon Nanodots in an Organic Medium with Aggregation-Induced Emission Enhancement (AIEE): A Rationale for "enzyme-free" Detection of Cholesterol" *ACS Omega*,2(7), 3816-3827
73. Hamid A., Anand A., Roy R.K.; "The charge transfer limit of a chemical adduct: The role of perturbation on external potential Physical Chemistry Chemical Physics, 19(17),10905-10912
74. Ikeda M., Sah A.K., Iwase M., Murashige R., Ishi-I J.-I., Hasegawa M., Kachi-Terajima C., Park K.-M., Kuwahara S., Habata Y.; "C-H...Cl- hydrogen bonds in solution and in the solid-state: HgCl₂ complexes with cyclen-based cryptands" *Dalton Transactions*,46(12),3800-3804
75. Ikeda M., Sah A.K., Iwase M., Murashige R., Kuwahara S., Habata Y.; "Double-armed and tetra-armed cyclen-based cryptands" *Supramolecular Chemistry* , 29(5),370-377
76. Jha M., Dhiman S., Cameron T.S., Kumar D., Kumar A.; "Au-Catalyzed Synthesis of Thiopyrano[2,3-b]indoles Featuring Tandem Rearrangement and Hydroarylation " *Organic Letters*, 19(8),2038-2041
77. Khungar B., Roy A., Kumar A., Sadhu B., Sundararajan M.; "Predicting the redox properties of uranyl complexes using electronic structure calculations" *International Journal of Quantum Chemistry*,117,12
78. Kumar D., Dutta A.K., Manohar P.U.; "Resolution of the Identity and Cholesky Representation of EOM-MP2 Approximation: Implementation, Accuracy and Efficiency" *Journal of Chemical Sciences*,129(10),1611-1626
79. Mahala C., Basu M.; "Nanosheets of NiCo₂O₄/NiO as Efficient and Stable Electrocatalyst for Oxygen Evolution Reaction" *ACS Omega*, 2(11),7559-7567
80. Maji S., Alam P., Kumar G.S., Biswas S., Sarkar P.K., Das B., Rehman I., Das B.B., Jana N.R., Laskar I.R., Acharya S.; "Induced Aggregation of AIE-Active Mono-Cyclometalated Ir(III) Complex into Supramolecular Branched Wires for Light-Emitting Diodes " *Small*, 13-15
81. Mehra M.K., Tantak M.P., Arun V., Kumar I., Kumar D.; "Metal-free regioselective formation of C-N and C-O bonds with the utilization of diaryliodonium salts in water: Facile synthesis of: N-Arylquinolones and aryloxyquinolines" *Organic and Biomolecular Chemistry*,15(23),4956-4961
82. Nandwana N.K., Dhiman S., Saini H.K., Kumar I., Kumar A.; "Synthesis of Quinazolinones, Imidazo[1,2-c]quinazolines and Imidazo[4,5-c]quinolines through Tandem Reductive Amination of Aryl Halides and Oxidative Amination of C(sp³)-H Bonds" *European Journal of Organic Chemistry*,3, 514-522
83. Nandwana N.K., Shinde V.N., Saini H.K., Kumar A. Copper-Catalyzed One-Pot Tandem Reaction for the Synthesis of Imidazo[1,2-c][1,2,3]triazolo[1,5-a]quinazolines *European Journal of Organic Chemistry*, 43, 6445-6449
84. Nazir R., Fageria P., Basu M., Pande S.; "Decoration of Carbon Nitride Surface with Bimetallic Nanoparticles (Ag/Pt, Ag/Pd, and Ag/Au) via Galvanic Exchange for Hydrogen Evolution Reaction" *Journal of Physical Chemistry C*, 121(36),19548-19558
85. Pasha S.S., Yadav H.R., Choudhury A.R., Laskar I.R.; "Synthesis of an aggregation-induced emission (AIE) active salicylaldehyde based Schiff base: Study of mechanoluminescence and sensitive Zn(II) sensing" *Journal of Materials Chemistry C*, 5(37), 9651-9658
86. Pawar V., Appari S., Monder D.S., Janardhanan V.M.; "Study of the Combined Deactivation Due to Sulfur Poisoning and Carbon Deposition during Biogas Dry Reforming on Supported Ni Catalyst" *Industrial and Engineering Chemistry Research*,56(30),8448-8455
87. Ramaraju P., Mir N.A., Singh D., Sharma P., Kant R., Kumar I.; "An Unprecedented Pseudo-[3+2] Annulation between N-(4-Methoxyphenyl)aldimines and Aqueous Glutaraldehyde: Direct Synthesis of Pyrrole-2,4-dialdehydes" *European Journal of Organic Chemistry*, 24,3461-3465

88. Senthilkumar K., Thirumoorthy K., Vinitha G., Soni K., Bhuvanesh N.S.P., Palanisami N.; Synthesis and characterization of d10 metal complexes of 3-Me-5-FcPz: Structural, theoretical and third order nonlinear optical properties" *Journal of Molecular Structure*,1128,36-43
89. Shakoor S.M.A., Agarwal D.S., Khullar S., Mandal S.K., Sakhuja R.; "Solvent-Driven Iodine-Mediated Oxidative Strategies for the Synthesis of Bis(imidazo[1,2-a]pyridin-3-yl)sulfanes and Disulfanes" *Chemistry - An Asian Journal*,12(23),3061-3068
90. Shakoor S.M.A., Mandal S.K., Sakhuja R.; "An Articulate Oxidative Transition-Metal-Free Homocoupling of Imidazo Heterocycles through C(sp²)-C(sp²) Bond Formation" *European Journal of Organic Chemistry*, 18 ,2596-2602
91. Shelke G.M., Kumar A.; "Sc(OTf)₃ -Catalyzed Oligomerization of Indole: One-Pot Synthesis of 2-[2,2-Bis(indol-3-yl)ethyl]anilines and 3-(Indolin-2-yl)indoles" *Synthesis(Germany)*, 49(18),4321-4326
92. Singha Deb A.K., Dwivedi V., Dasgupta K., Musharaf Ali S., Shenoy K.T.; "Novel amidoamine functionalized multi-walled carbon nanotubes for removal of mercury(II) ions from wastewater: Combined experimental and density functional theoretical approach" *Chemical Engineering Journal*,313,899-911
93. Sonu, Halder S., Kumari S., Aggrawal R., Aswal V.K., Saha S.K.; "Study on interactions of cationic gemini surfactants with folded and unfolded bovine serum albumin: Effect of spacer group of surfactants" *Journal of Molecular Liquids*, 243,369-379
94. Tantak M.P., Klingler L., Arun V., Kumar A., Sadana R., Kumar D.; "Design and synthesis of bis(indolyl)ketohydrazide-hydrazones: Identification of potent and selective novel tubulin inhibitors" *European Journal of Medicinal Chemistry*,136,184-194
95. Tantak M.P., Mukherjee D.D., Kumar A., Chakrabarti G., Kumar D.; "A facile and microwave-assisted rapid synthesis of 2-arylamino-4-(3'-indolyl)-thiazoles as apoptosis inducing cytotoxic agents" *Anti-Cancer Agents in Medicinal Chemistry*,17(3),442-455
96. Venkataramana Reddy P.O., Mishra S., Tantak M.P., Nikhil K., Sadana R., Shah K., Kumar D.; "Design, synthesis and in vitro cytotoxicity studies of novel β -carbolinium bromides" *Bioorganic and Medicinal Chemistry Letters*,27(6),1379-1384
97. Agarwal D.S., Singh R.P., Lohitesh K., Jha P.N., Chowdhury R., Sakhuja R.; "Synthesis and evaluation of bile acid amides of α -cyanostilbenes as anticancer agents" *Molecular Diversity*,1(17)
98. Nazir R., Fageria P., Basu M., Gangopadhyay S., Pande S.; "Decoration of Pd and Pt nanoparticles on a carbon nitride (C₃N₄) surface for nitro-compounds reduction and hydrogen evolution reaction" *New Journal of Chemistry*,41(18),9658-9667
99. Raghavan S.C., Shivaprakash N.C., Sindhu S.N.; "Synthesis of solution-processable poly(3,4-propylenedioxythiophene) nanobelts for electrochromic device applications" *Optical Materials*,73,56-63
100. Deepika S., Anand G., Bahurudeen A., Santhanam M.; "Construction products with sugarcane bagasse ash binder" *Journal of Materials in Civil Engineering*, 29(10)
101. Dhyani R., Sharma N., Maity A.K.; "Prediction of PM_{2.5} along urban highway corridor under mixed traffic conditions using CALINE4 model" *Journal of Environmental Management*,198,24-32
102. Gupta T., Kumar M.; "Influence of Distributed Dead Loads on Vehicle Position for Maximum Moment in Simply Supported Bridges" *Journal of The Institution of Engineers (India): Series A*,98,201-210
103. Hussain S., Bhunia D., Singh S.B.; Comparative study of accelerated carbonation of plain cement and fly-ash concrete" *Journal of Building Engineering*,10,26-31
104. Jha S.K., Puppala H.; "Assessment of subsurface temperature distribution from the gauged wells of Puga Valley, Ladakh" *Geothermal Energy*,5(1)
105. Jha S.K., Puppala H.; "Prospects of renewable energy sources in India: Prioritization of alternative sources in terms of Energy Index" *Energy* ,127,116-127
106. Kanuganti S., Agarwala R., Dutta B., Bhanegaonkar P.N., Singh A.P., Sarkar A.K.; "Road safety analysis using multi criteria approach: A case study in India Transportation" *Research Procedia*,25,4653-5665
107. Kenno S.Y., Sahu P.K., Mehran B., Sharma S.; "Investigation of the factors affecting the consistency of short-period traffic counts" *Journal of Modern Transportation*,25(3), 150-162
108. Kumar R., Saboo N., Kumar P., Chandra S.; "Effect of warm mix additives on creep and recovery response of conventional and polymer modified asphalt binders" *Construction and Building Materials*,138 ,352-362
109. Mittal R.K., Gill G.; "Pressure settlement behaviour of strip footing resting on tire-chip reinforced sand" *International Journal of Geotechnical Engineering* ,1(7)
110. Moorthi P.V.P., Singh S.B.; "Mesoscale modelling of concrete: Need of including rheological parameters" *Proceedings of the Indian National Science Academy*,83(1),37-49
111. Patil G.R., Sahu P.K.; "Simultaneous dynamic demand estimation models for major seaports in India" *Transportation Letters*,9(3),141-151

112. Ralegaonkar R.V., Gavali H.R., Sakhare V.V., Puppala A.J., Aswath P.B.; "Energy-efficient slum house using alternative materials" Proceedings of Institution of Civil Engineers: Energy, 170(3),93-102
113. Roh H.-J., Sahu P.K., Sharma S., Mehran B.; "Statistical investigation of truck type distribution on cold region highways during winter months" KSCE Journal of Civil Engineering, 1(12)
114. Roy R., Saha P., Sarkar A.K.; "Speed Distributional Trends on Two-lane Roads with Mixed Traffic under Heavy Flow " Procedia Engineering, 187,465-470
115. Saboo N., Singh B., Kumar P., Vikram D.; "Study on viscosity of conventional and polymer modified asphalt binders in steady and dynamic shear domain" Mechanics of Time-Dependent Materials,1(12)
116. Saha P., Roy N., Sarkar A.K., Pal M.; "Speed Distribution on Two-Lane Rural Highways with Mixed Traffic: A Case Study in North East India" Journal of The Institution of Engineers (India): Series A, 98,107-113
117. Saha P., Roy R., Sarkar A.K., Pal M.; "Preferred time headway of drivers on two-lane highways with heterogeneous traffic" Transportation Letters,1(8)
118. Saha P., Sarkar A.K., Pal M.; "Evaluation of speed–flow characteristics on two-lane highways with mixed traffic" Transport, 32(4),331-339
119. Shirke C., Sumanth N., Arkatkar S., Bhaskar A., Joshi G.; "Modeling expressway lane utilization and lane choice behaviour: a case study on Delhi–Gurgaon Expressway" Transportation Letters, 1(14)
120. Singh M., Choudhary K., Srivastava A., Singh Sangwan K., Bhunia D.; "A study on environmental and economic impacts of using waste marble powder in concrete" Journal of Building Engineering,13,87-95
121. Singh M., Lamba P., Srivastava A., Bhunia D.; "Long Term Effect of Partially Replacing Cement by Waste Marble Slurry in Concrete" Congress on Technical Advancement 2017: Construction and Forensic Engineering - Papers from Sessions of the 1st Congress on Technical Advancement, 65-76
122. Singh M., Srivastava A., Bhunia D.; "An investigation on effect of partial replacement of cement by waste marble slurry" Construction and Building Materials , 134,471-488
123. Singh M., Srivastava A., Bhunia D.; "Evaluation of marble slurry incorporated concrete using nondestructive methods " Materials Today: Proceedings, 4(9),9842-9845
124. Singh S.B., Awasthi S.; "Parametric study of carbon FRP prestressed concrete box girders" Indian Concrete Journal , 91(2),47-56
125. Singh S.B., Chauhan A., Munjal P.; "A parametric study on response of FRP strengthened masonry walls under blast loading" Asian Journal of Civil Engineering,18(4),593-605
126. Singh S.B., Chawla H.; "An investigation of material characterization of pultruded FRP H- and I-beams" Mechanics of Advanced Materials and Structures, 1(19)
127. Singh S.B., Munjal P.; "Bond strength and compressive stress-strain characteristics of brick masonry" Journal of Building Engineering,9,10-16
128. Singh S.B., Patil R., Munjal P.; "Study of flexural response of engineered cementitious composite faced masonry structures" Engineering Structures, 150,786-802
129. Singh S.B., Sethi A.; "A review of performance of fibre reinforced polymer strengthened structures under fire exposure" Proceedings of the Indian National Science Academy,83(3),521-532
130. Srinivas R., Singh A.P.; "Development of a comprehensive fuzzy based approach for evaluating sustainability and self-purifying capacity of river Ganges" ISH Journal of Hydraulic Engineering,1(9)
131. Vikram D., Saboo N.; "Effective technique to estimate Cross model parameters" Journal of Materials in Civil Engineering, 29(11)
132. Anuradha D., Anupam S., Rajiv G., Sanjay V., Nihal S.A.; " Utilization of industrial waste as a fertilizer in ornamental plants" Research Journal of Chemistry and Environment,21(4),1-7
133. Wagale M., Singh A.P., Singh A.; "Neural networks approach for evaluating quality of service in public transportation in rural areas India" International Conference on Information Processing, IICIP 2016 - Proceedings
134. Srinivas R., Singh A.P., Sharma R.; "A Scenario Based Impact Assessment of Trace Metals on Ecosystem of River Ganges Using Multivariate Analysis Coupled with Fuzzy Decision-Making Approach" Water Resources Management, 31(13),4165-4185
135. Bhargava R., Sharma G., Sharma Y.; "Deep paraphrase detection in indian languages" Proceedings of the 2017 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, ASONAM,1152-1159
136. Bhatia A., Patro R.K.; "PMAC: A poll-based MAC protocol for wireless body area networks (WBANs)" 2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016
137. Goyal N., Balasubramaniam S., Goyal P., Islam S., Sati M. A.; "high performance computing framework for data mining" Proceedings - 23rd IEEE International Conference on High Performance Computing Workshops, HiPCW ,11(18)

138. Goyal P., Kumari S., Sharma S., Kumar D., Kishore V., Balasubramaniam S., Goyal N.; "A Fast, Scalable SLINK Algorithm for Commodity Cluster Computing Exploiting Spatial Locality Proceedings - 18th IEEE International Conference on High Performance Computing and Communications, 14th IEEE International Conference on Smart City and 2nd IEEE International Conference on Data Science and Systems, HPCC/SmartCity/DSS 2016, 268-275
139. Gupta N., Rohil M.K.; "Image feature detection using an improved implementation of maximally stable extremal regions for augmented reality applications" International Journal of Image and Data Fusion, 1(20)
140. Gupta N., Rohil M.K.; "An experimental study of markerless image registration methods on varying quality of images for augmented reality applications" Thematic Workshops 2017 - Proceedings of the Thematic Workshops of ACM Multimedia 2017, co-located with MM 2017,502-510
141. Gupta V.; "Link changes with change in demand in flow distribution networks" Proceedings - 2016 15th International Conference on Information Technology, ICIT,99-103
142. Jindal A., Dua A., Kumar N., Vasilakos A.V., Rodrigues J.J.P.C.; "An efficient fuzzy rule-based big data analytics scheme for providing healthcare-as-a-service" IEEE International Conference on Communications
143. Agarwal V., Bhanot S.; "Radial basis function neural network-based face recognition using firefly algorithm" Neural Computing and Applications,1(18)
144. Bhargava R., Sharma Y.; "MSATS: Multilingual sentiment analysis via text summarization" Proceedings of the 7th International Conference Confluence 2017 on Cloud Computing, Data Science and Engineering, 71-76
145. Bhatia A., Singh S.; "Bandwidth efficient clock skew compensation in TDMA-based star topology wireless networks" Proceedings - International Conference on Advanced Information Networking and Applications, AINA ,522-529
146. Chaudhry S.A., Farash M.S., Naqvi H., Islam S.H., Shon T. A; "Robust and Efficient Privacy Aware Handover Authentication Scheme for Wireless Networks" Wireless Personal Communications, 93(2),311-335
147. Digalwar M., Gahukar P., Raveendran B.K., Mohan S.; "Energy efficient real-time scheduling algorithm for mixed task set on multi-core processors" International Journal of Embedded Systems,9(6),523-534
148. Digalwar M., Raveendran B.K., Mohan S.; "LAMCS: A leakage aware DVFS based mixed task set scheduler for multi-core processors" Sustainable Computing: Informatics and Systems,15,63-81
149. Farash M.S., Chaudhry S.A., Islam S.K.H., Khan Khattak M.A., Albeshri A. ; "Security vulnerabilities and improvements of SPAM: A secure password authentication mechanism for seamless handover in proxy mobile IPv6 networks" Information Technology and Control,46(2),39-52
150. Gautam A., Jha B., Kumar G., Murthy J.K., Ram S.A., Mohan S.; " FAST: Synchronous Frontier Allocation for Scalable Online Multi-Robot Terrain Coverage" Journal of Intelligent and Robotic Systems: Theory and Applications, 87,545-564
151. Goel L., Prakash A.; "Sentiment Analysis of Online Communities Using Swarm Intelligence Algorithms" Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN ,330-335
152. Goel L., Singhal S., Mishra S., Mohanty S.; "Hybridization of gravitational search algorithm and biogeography based optimization and its application on grid scheduling problem" 2016 9th International Conference on Contemporary Computing, IC3 2016
153. Hafizul Islam S.K., Sabzinejad Farash M., Biswas G.P., Khurram Khan M., Obaidat M.S.; "A pairing-free certificateless digital multisignature scheme using elliptic curve cryptography" International Journal of Computer Mathematics, 94(1),39-55
154. Islam S., Balasubramaniam S., Goyal P., Sati M., Goyal N.; "A domain specific language for clustering" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 10109 LNCS,231-234
155. Islam S.H., Biswas G.P.; "A pairing-free identity-based two-party authenticated key agreement protocol for secure and efficient communication" Journal of King Saud University - Computer and Information Sciences, 29(1),63-73
156. Islam S.K.H., Amin R., Biswas G.P., Farash M.S., Li X., Kumari S.; "An improved three party authenticated key exchange protocol using hash function and elliptic curve cryptography for mobile-commerce environments" Journal of King Saud University - Computer and Information Sciences,29(3),311-324
157. Jain V., Agarwal P.; "Symptomatic diagnosis and prognosis of psychiatric disorders through personal gadgets" Conference on Human Factors in Computing Systems – Proceedings Part F127655,118-123
158. Jolly P., Raman S.; "Analyzing Surface Defects in Apples Using Gabor Features" Proceedings - 12th International Conference on Signal Image Technology and Internet-Based Systems, SITIS, 178-185

159. Kiran D.C., Gurunaryanan S., Misra J.P., Bhatia M.; "Register allocation for fine grain threads on multicore processor" *Journal of King Saud University - Computer and Information Sciences*,29(1),85-92
160. Kumari S., Das A.K., Li X., Wu F., Khan M.K., Jiang Q., Hafizul Islam S.K.; "A provably secure biometrics-based authenticated key agreement scheme for multi-server environments" *Multimedia Tools and Applications*,1(31)
161. Kumari S., Goyal P., Sood A., Kumar D., Balasubramaniam S., Goyal N.; "Exact, fast and scalable parallel DBSCAN for commodity platforms" *ACM International Conference Proceeding Series*
162. Kumari S., Maurya S., Goyal P., Balasubramaniam S.S., Goyal N. ; "Scalable Parallel Algorithms for Shared Nearest Neighbor Clustering" *Proceedings - 23rd IEEE International Conference on High Performance Computing, HiPC 2016* , 72-81
163. Kumari S., Sonu, Sundar G., Saha S.K.; "Effect of organic and a Hofmeister series of inorganic counterions on the solvation dynamics and rotational relaxation in aqueous micelles of hexadecyltrimethylammonium surfactants" *Journal of Photochemistry and Photobiology A: Chemistry*, 345, 98-108
164. Kundu S., Roy S., Mukherjee S.; "SAT based rectilinear steiner tree construction" *Proceedings of the 2016 2nd International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2016*, 623-627
165. Rajput N.S., Banerjee R.; "A game-theoretic strategy for pareto-optimal cooperation in resource constrained vehicular ad-hoc networks" *TENSYPMP 2017 - IEEE International Symposium on Technologies for Smart Cities*
166. Rajput N.S., Banerjee R., Rajput A., Siwach A.; "A new model for effective use of robustness as a measure of QoS in vehicular ad-hoc networks" *International Conference on Advanced Communication Technology, ICACT*, 388-398
167. Shrivastav S., Kumar S., Kumar K.; "Towards an ontology based framework for searching multimedia contents on the web" *Multimedia Tools and Applications*, 76 (18), 18657-18686
168. Singh A.K., Goyal N.; "Malcrawler: A crawler for seeking and crawling malicious websites" *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10109 LNCS, 210-223
169. Sinha Y., Vashishth S., Haribabu K.; "Meticulous measurement of control packets in SDN" *SOSR 2017 - Proceedings of the 2017 Symposium on SDN Research*, 187-188
170. Tiwari K., Hwang C.J., Gupta P.; "A palmprint based recognition system for smartphone FTC" *Proceedings of Future Technologies Conference*, 577-586
171. Sinha Y., Bhatia S., Shekhawat V.S., Chalapathi G.S.S.; "MPLS based hybridization in SDN" *4th International Conference on Software Defined Systems, SDS 2017*, 156-161
172. Gyanan, Mondal S., Kumar A.; "Impact of time-dependent annealing on TiO2 films for CMOS application" *AIP Conference Proceedings*, 1832
173. Pandey R., Kumar A.; "Modelling persistence in conditional volatility of asset Returns" *Afro-Asian Journal of Finance and Accounting* , 7 (1), 16-34
174. Sehwat M., Giri A.K.; "Financial Structure, Interest Rate, Trade Openness and Growth: Time Series Analysis of Indian Economy" *Global Business Review*, 18 (5), 1278-1290
175. Sehwat M., Giri A.K.; "The impact of financial development, economic growth, income inequality on poverty: evidence from India" *Empirical Economics*, 1-18
176. Sehwat M., Giri A.K.; "A Sectoral Analysis of the Role of Stock Market Development on Economic Growth: Empirical Evidence from Indian Economy" *Global Business Review*, 18 (4), 911-923
177. Sehwat M., Giri A.K.; "An empirical relationship between financial development indicators and human capital in some selected Asian countries" *International Journal of Social Economics*, 44 (3), 337-349
178. Sehwat M., Giri A.K.; "Does female human capital contribute to economic growth in India?: An empirical investigation" *International Journal of Social Economics*; 44 (11), 1506-1521
179. Shaikh I., Singh S.; "On the examination of out-of-pocket health expenditures in India, Pakistan, Sri Lanka, Maldives, Bhutan, Bangladesh and Nepal" *Business: Theory and Practice*, 18, 25-32
180. Chotia V., Rao N.V.M.; "An empirical investigation of the link between infrastructure development and poverty reduction: The case of India" *International Journal of Social Economics*, 44 (12), 1906-1918
181. Chotia V., Rao N.V.M.; "Investigating the interlinkages between infrastructure development, poverty and rural-urban income inequality: Evidence from BRICS nations" *Studies in Economics and Finance*, 34 (4), 466-484
182. Chotia V., Rao N.V.M.; "Examining the impact of public investment and private investment on economic growth: Empirical evidence from BRICS nations" *International Journal of Economics and Business Research*, 14 (2), 128-137

183. Paul GD B., Achar A.P., Muniyoor K., Venkatesh Murthy R.; "What determines the performance of small business units?: Insights from a jewellery cluster" *Journal of Workplace Learning*, 29 (6), 447-472
184. Anurag A., Bansal H.O.; "Internal Fall Protection Mechanism in Non-Compliant Humanoid Robot" *Energy Procedia*, 117, 157-162
185. Bhardwaj R., Majumder S., Ajmera P.K., Sinha S., Sharma R., Mukhiya R., Narang P.; "Temperature compensation of ISFET based pH sensor using artificial neural networks" *Proceedings of the 2017 IEEE Regional Symposium on Micro and Nanoelectronics, RSM 2017*, 155-158
186. Bhatshvar Y.K., Mathur H.D., Bansal R.C.; "Power-Frequency Balance in Multi-generation System Using Optimized Fuzzy Logic Controller" *Electric Power Components and Systems*, 45(12), 1275-1286
187. Bhimsaria N., Chaturvedi N., Gurunarayanan S. ; "Design of non-volatile asynchronous circuit using CMOS-FDSOI/FinFET technologies" *International Conference on Computing, Analytics and Security Trends, CAST 2016*, 462-465
188. Chamola V., Tham C.-K., Chalapathi G.S.S.; "Latency aware mobile task assignment and load balancing for edge cloudlets" *2017 IEEE International Conference on Pervasive Computing and Communications Workshops, PerCom Workshops 2017*, 587-592
189. Dhoble R.M., Maddigapu P.R., Rayalu S.S., Bhole A.G., Dhoble A.S., Dhoble S.R.; "Removal of arsenic(III) from water by magnetic binary oxide particles (MBOP): Experimental studies on fixed bed column" *Journal of Hazardous Materials*, 322, 469-478
190. Goel K., Goel I.; "Cloud computing based social media model" *Proceedings of the International Conference on Inventive Computation Technologies, ICICT 2016*, 1
191. Hazra A.; "A Physical Modeling of TiO₂ Nanotube Array- Based Capacitive Vapor Sensor *IEEE Transactions on Nanotechnology*
192. Jain A., Kandpal K.; "Design of a high gain, Temperature Compensated Biomedical Instrumentation Amplifier for EEG Applications" *Proceedings of 2017 11th International Conference on Intelligent Systems and Control, ISCO 2017*, 292-296
193. Jain S., Chaturvedi N., Gurunarayanan S.; "Design and analysis of 6T SRAM cell with NBL write assist technique using FinFET" *International Conference on Computer, Communications and Electronics, COMPTHELIX 2017*, 639-644
194. Joshi A., Singhal R.; "Performance comparison of probe-fed polygonal patch antennas for L-band applications" *IEEE Region 10 Annual International Conference, Proceedings/TENCON*, 1307-1311
195. Joshi A., Singhal R.; "Probe-fed regular hexagonal narrow-slot antenna with reduced ground plane for WLAN applications" *IEEE Region 10 Annual International Conference, Proceedings/TENCON*, 1312-1316
196. Kalra P., Hussain S., Chaturvedi N.; "An investigation of power-performance aware accelerator/core allocation challenges in dark silicon heterogeneous systems" *Proceedings - 2016 IEEE International Symposium on Nanoelectronic and Information Systems, iNIS 2016*, 52-55
197. Kandpal K., Gupta N.; "Study of structural and electrical properties of ZnO thin film for Thin Film Transistor (TFT) applications" *Journal of Materials Science: Materials in Electronics*, 28(21), 16013-16020
198. Krishna V.S.R., Tiwari V., Chaubey V.K.; "Investigation of optimum fiber types for high speed RZ-DQPSK transmission systems " *Workshop on Recent Advances in Photonics, WRAP 2015*
199. Kumar R., Chaturvedi P., Bansal H.O., Ajmera P.K.; "Adaptive artificial neural network based control strategy for shunt active power filter" *International Conference on Electrical Power and Energy Systems, ICEPES 2016*, 194-199
200. Kumar V., Asati A., Gupta A.; "Low-latency median filter core for hardware implementation of 5 × 5 median filtering" *IET Image Processing*, 11 (10), 927-934
201. Kumar V., Asati A., Gupta A.; "Hardware Accelerators for Iris Localization" *Journal of Signal Processing Systems*, 1-17
202. Kumar V., Asati A., Gupta A.; "Hardware implementation of a novel edge-map generation technique for pupil detection in NIR images" *Engineering Science and Technology, an International Journal*, 20 (2), 694-704
203. Kuna A.K., Kandpal K., Teja K.B.R.; "An investigation of FinFET based digital circuits for low power applications" *Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2017*
204. Manglik A., Gupta K., Bhanot S.; "Adaptive gait generation for hexapod robot using Genetic Algorithm" *1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2016*
205. Mishra A., Agarwal M., Asati A.R., Raju K.S.; "Using graph isomorphism for mapping of data flow applications on reconfigurable computing systems" *Microprocessors and Microsystems*, 51, 343-355
206. Mohanty S., Gupta K.K., Raju K.S.; "Effect of unitary sample shifted Laplacian and rectangular distributions in bearing fault identifications of induction motor" *IET Science, Measurement and Technology*, 11 (4), 516-524

207. Mohanty S., Gupta K.K., Raju K.S.; "Adaptive fault identification of bearing using empirical mode decomposition-principal component analysis-based average kurtosis technique" *IET Science, Measurement and Technology*, 11 (1), 30-40
208. Padhi T., Chandra M., Kar A., Swamy M.N.S.; "Design and analysis of an improved hybrid active noise control system" *Applied Acoustics*, 127, 260-269
209. Panday A., Bansal H.O.; "Performance Analysis of Hybrid Electric Vehicle over Different Driving Cycles" *Journal of Physics: Conference Series*, 806 (1)
210. Pareek S., Chaturvedi N., Dahiya R.; "Optimal interconnections to address partial shading losses in solar photovoltaic arrays" *Solar Energy*, 155, 537-551
211. Pragallapati N., Sen T., Agarwal V.; "Adaptive Velocity PSO for Global Maximum Power Control of a PV Array under Nonuniform Irradiation Conditions" *IEEE Journal of Photovoltaics*, 7 2, 624-639
212. Praveen K., Pudipeddi M., Sivaramakrishna M.; "Design, development and analysis of energy harvesting system for wireless pulsating sensors" 2016 IEEE Annual India Conference, INDICON 2016
213. Pulipaka S., Kumar R.; "Performance enhancement of neural network training using hybrid data division technique for photovoltaic power prediction" *Conference Proceedings - 2017 17th IEEE International Conference on Environment and Electrical Engineering and 2017 1st IEEE Industrial and Commercial Power Systems Europe, IEEEIC / I and CPS Europe 2017*
214. Pulipaka S., Kumar R.; "Comparison of SOM and conventional neural network data division for PV reliability power prediction" *Conference Proceedings - 2017 17th IEEE International Conference on Environment and Electrical Engineering and 2017 1st IEEE Industrial and Commercial Power Systems Europe, IEEEIC / I and CPS Europe 2017*
215. Pulipaka S., Ramesh A., Kumar R., Bora B., Kumar S., Singh S.K.; "Non-intrusive real-time monitoring of PV generation at inverters using Internet of photovoltaics" *Electronics Letters*, 53 (16), 1137-1138
216. Purwar A., Joshi D., Chaubey V.K.; "GPS signal jamming and anti-jamming strategy - A theoretical analysis" 2016 IEEE Annual India Conference, INDICON 2016
217. Sainath B.; "Power-constrained, spectral efficiency-optimal, green cooperative device-to-device communication systems" *IET Communications*, 11 (13), 2066-2073
218. Saxena P., Mathur A., Bhatnagar M.R.; "BER performance of an optically pre-amplified FSO system under turbulence and pointing errors with ASE noise" *Journal of Optical Communications and Networking*, 9 (6), 498-510
219. Sharan L., Agrawal V.M., Chaubey V.K.; "Performance Evaluation and Nonlinear Mitigation through DQPSK Modulation in 32 x 40 Gbps Long-Haul DWDM Systems" *Journal of Optical Communications*, 38 (3) 297-307
220. Sharma P., Gupta N.; "Two dimensional simulation and analysis of density-of-states (Dos) in top-gated Nanocrystalline Silicon thin film transistor (nc-Si TFT)" *International Journal of Nanoelectronics and Materials*, 10 (2), 101-108
221. Sharma P., Tripathi N., Gupta N.; "Nanocrystalline silicon thin film prepared by e-beam evaporation for display application" *Journal of Materials Science: Materials in Electronics*, 28 (4), 3891-3896
222. Shukla P., Gupta A.; "Current-Mode PMOS capacitance multiplier" *Proceedings of the International Conference on Inventive Systems and Control, ICISC 2017*
223. Suresh Babu G.V., Ganesh V., Sreedhar M.; "Application of bacteria foraging algorithm for MMC based smart micro grid" *IEEE International Conference on Smart Grid and Smart Cities, ICSGSC 2017*, 232-236
224. Suresh Kumar L.V., Nagesh Kumar G.V., Madichetty S.; "Pattern search algorithm based automatic online parameter estimation for AGC with effects of wind power" *International Journal of Electrical Power and Energy Systems*, 84, 135-142
225. Tyagi D.K., Chaubey V.K., Khandelwal P.; "Routing and wavelength assignment in WDM network using IWD based algorithm" *Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016*, 1424-1429
226. Upadhyay P., Pulipaka S., Kumar R., Sharma M.; "Parameter extraction of solar photovoltaic system using Lambert-W function for different environmental condition" *IEEE Region 10 Annual International Conference, Proceedings/TENCON*, 1884-1888
227. Upadhyay P., Pulipaka S., Sharma M., Kumar R. ; "A proposed maximum power point operating strategy for photovoltaic applications using monthly irradiance estimates" *Solar Energy*, 141, 266-277
228. Vulusala G.V.S., Madichetty S.; "Application of superconducting magnetic energy storage in electrical power and energy systems: A review" *International Journal of Energy Research*
229. Zhang H., Sfarra S., Saluja K., Peeters J., Fleuret J., Duan Y., Fernandes H., Avdelidis N., Ibarra-Castanedo C., Maldague X.; "Non-destructive Investigation of Paintings on Canvas by Continuous Wave Terahertz Imaging and Flash Thermography" *Journal of Nondestructive Evaluation*, 36 (2)

230. Gudlavalleti R.H., Bose S.C., Verma S.K., Khatri P., Scaria J., Dhewa S., Chaubey V.K.; "A Novel Fluorometric Bio-Sensing-Based Arsenic Detection System for Groundwater" *IEEE Sensors Journal*, 17 (17), 5391-5398
231. Binjola N., Misra J.P.; "Scout-explorer multi-agent framework for terrain coverage" 2016th International Conference on Contemporary Computing, IC3 2016
232. Bhattacharya S.; Narrating lives/labour: Documenting domestic labour in Kolkata, *Life Writing*, 14 (4), 519-530
233. Das M., Sharma S.; "Perception of the young adults towards the portrayal of women in contemporary Indian television advertisements" *Media Watch*, 8 (3), 339-354
234. Agariya A.K., Tikoria J.; "CRM scale development for enhancing business excellence in the Indian airline sector" *International Journal of Business Excellence*, 12 (4), 537-557
235. Agarwal A., Singh D., Agariya A.K.; "What Really Leads to Partner Relationship Management? A Review of Literature" *Journal of Relationship Marketing*, 1-41
236. Aggarwal R., Chanda U.; "Optimal duration of advertising campaigns for successive technology generations using innovation diffusion theory" *International Journal of Operational Research*, 28 (3), 415-428
237. Dutta N., Bhat A.K.; "Dangal: Cinematic representation of competitive marketing strategy" *Prabandhan: Indian Journal of Management*, 10 (8), 52-57
238. Kumar A., Chanda U.; "Economic order quantity under permissible delay in payments for new products in dynamic pricing-advertising condition" *International Journal of Business Innovation and Research*, 13 (2), 203-221
239. Kumar A., Chanda U.; "Effect of shape of the demand function and permissible delay in payments on economic order quantity of high technology products" *International Journal of Services and Operations Management*, 28 (2), 243-263
240. Shaikh I., Sharma S.K., Bhat A.K.; "Guest editorial, *Journal of Modelling in Management*, 12(4), 578-582
241. Sharma S.K., Bhat A., Kumar V., Agarwal A.; "Path analysis model for supply chain risk management" *International Journal of Information Systems and Supply Chain Management*, 10 (2), 21-41
242. Tikoria J., Agariya A.K.; "ICT enabled classroom effectiveness scale development and validation: A case of multi-campus university" *Knowledge Management and E-Learning*, 9(1), 111-127
243. Tiwari P., Bhat A.K., Tikoria J.; "The role of emotional intelligence and self-efficacy on social entrepreneurial attitudes and social entrepreneurial intentions" *Journal of Social Entrepreneurship*, 8 (2), 165-185
244. Goyal P., Chanda U.; "A Bayesian Network Model on the association between CSR, perceived service quality and customer loyalty in Indian Banking Industry" *Sustainable Production and Consumption*, 10, 50-65
245. Agarwal S.; "Scale efficiency with fuzzy data" *International Journal of Business and Systems Research*, 11, 152-162
246. Chavanis P.-H., Kumar S.; Comparison between the Logotropic and Λ CDM models at the cosmological scale, *Journal of Cosmology and Astroparticle Physics*, 5
247. Chen Y., Kumar S., Ratra B.; "DETERMINING the HUBBLE CONSTANT from HUBBLE PARAMETER MEASUREMENTS" *Astrophysical Journal*, 835, 1
248. Gupta S., Gupta P.; "Evaluating maintenance budget for an AC plant under its contextual conditions" *Journal of Facilities Management*, 15 (1), 76-89
249. Jain M., Shekhar C., Meena R.K.; "Admission Control Policy of Maintenance for Unreliable Server Machining System with Working Vacation" *Arabian Journal for Science and Engineering*, 42 (7), 2993-3005
250. Khandelwal A., Kumar A., Ahluwalia R., Murali P.; "Crack propagation in staggered structures of biological and biomimetic composites" *Computational Materials Science*, 126, 238-243
251. Kumar J.; "Rank properties of the semigroup of endomorphisms over Brandt semigroup; *Semigroup Forum*, 95 (3), 589-593
252. Kumar S., Nunes R.C.; "Observational constraints on dark matter–dark energy scattering cross section" *European Physical Journal C*, 77 (11)
253. Kumar S., Nunes R.C.; "Echo of interactions in the dark sector" *Physical Review D*, 96 (10)
254. Maiti A.P., Dubey B.; "Stability and Bifurcation of a Fishery Model with Crowley-Martin Functional Response" *International Journal of Bifurcation and Chaos*, 27 (11)
255. Maiti A.P., Dubey B., Tushar J.; "A delayed prey–predator model with Crowley–Martin-type functional response including prey refuge" *Mathematical Methods in the Applied Sciences*, 40(16), 5792-5809
256. Mishra A., Sharma B.K.; "MHD Mixed Convection Flow in a Rotating Channel in the Presence of an Inclined Magnetic Field with the Hall Effect" *Journal of Engineering Physics and Thermophysics*, 90 (6), 1488-1499

257. Pasari S., Dikshit O.; "Stochastic earthquake interevent time modeling from exponentiated Weibull distributions" *Natural Hazards*, 1-20
258. Patra A., Tushar J., Dubey B.; " Modeling and simulation of a wetland park: An application to Keoladeo National Park, India" *Mathematics and Computers in Simulation*, 134, 54-78
259. Sharma B.K., Tailor V., Goyal M.; "Role of slip velocity in a magneto-micropolar fluid flow from a radiative surface with variable permeability: A numerical study" *International Journal of Applied Mechanics and Engineering*, 22 (3), 637 -651
260. Shekhar C., Jain M., Iqbal J., Raina A.A.; "Threshold Control Policy for Maintainability of Manufacturing System with Unreliable Workstations" *Arabian Journal for Science and Engineering*, 42(11), 4833-4851
261. Shekhar C., Jain M., Raina A.A.; "Transient analysis of machining system with spare provisioning and geometric renegeing" *International Journal of Mathematics in Operational Research*, 11(3), 396-421
262. Shekhar C., Jain M., Raina A.A., Iqbal J.; "Optimal (N, F) policy for queue-dependent and time-sharing machining redundant system" *International Journal of Quality and Reliability Management*, 34 (6), 798-816
263. Shekhar C., Jain M., Raina A.A., Mishra R.P.; "Sensitivity analysis of repairable redundant system with switching failure and geometric renegeing" *Decision Science Letters*, 6 (4), 337-350
264. Shekhawat K.; "A computer-generated plus-shaped arrangement and its architectural applications" *Journal of Computational Design and Engineering*, 4 (4), 318-329
265. Shekhawat K., Duarte J.P.; "Rectilinear floor plans" *Communications in Computer and Information Science*, 724, 395-411
266. Siiekhar C., Raina A.A., Kumar A., Iqbal J.; "A survey on queues in machining system: Progress from 2010 to 2017" *Yugoslav Journal of Operations Research*, 27 (4), 391-413
267. Yadav P.K., Tiwari A., Singh P.; "Hydrodynamic permeability of a membrane built up by spheroidal particles covered by porous layer, *Acta Mechanica*, 1-24
268. Arora N., Sharma N.N.; "Effect of Current Variation on Carbon Black to synthesize MWCNTs using pulsed arc Discharge method" *Materials Today: Proceedings*, 4(9), 9394-9398
269. Arora N., Sharma N.N.; "MWCNT from carbon black: Effect of current variation and arc application time" *Key Engineering Materials*, 737 KEM, 347-353
270. Büth L., Bhakar V., Sihag N., Posselt G., Böhme S., Sangwan K.S., Herrmann C.; "Bridging the Qualification Gap between Academia and Industry in India" *Procedia Manufacturing*, 9, 275-282
271. Cheruvu P., Kumar V.P., Barshilia H.C.; "Experimental analysis and evaluation of a vacuum enclosed concentrated solar thermoelectric generator coupled with a spectrally selective absorber coating" *International Journal of Sustainable Energy*, 1-17
272. Choudhary K.D., Dasgupta M.S., Sunder S.; "Energetic and Exergetic Investigation of a N2O Ejector Expansion Transcritical Refrigeration Cycle" *Energy Procedia*, 109, 122-129
273. Das D., Pathak V., Yadav A.S., Upadhyaya R.; "Evaluation of performance, emission and combustion characteristics of diesel engine fueled with castor biodiesel" *Biofuels*, 8 (2), 225-233
274. Gunda R.K., Narala S.K.R.; "Evaluation of friction and wear characteristics of electrostatic solid lubricant at different sliding conditions" *Surface and Coatings Technology*, 332, 341-350
275. Gupta D.K., Dasgupta M.S.; "Performance of CO2 Trans-Critical Refrigeration System with Work Recovery Turbine in Indian Context" *Energy Procedia*, 109, 102-112
276. Gupta G., Mishra R.P.; "A Failure Mode Effect and Criticality Analysis of Conventional Milling Machine Using Fuzzy Logic: Case Study " *Quality and Reliability Engineering International* , 33 (2), 347-356
277. Gupta G., Mishra R.P., Shah H.; " MCDM analysis for maintenance strategy selection" *Proceedings of the International Conference on Industrial Engineering and Operations Management*, 1395
278. Jakhar S., Soni M.S.; "Experimental and theoretical analysis of glazed tube-and-sheet photovoltaic/thermal system with earth water heat exchanger cooling" *Energy Conversion and Management*, 153, 576-588
279. Jakhar S., Soni M.S., Gakkhar N.; "Modelling and Simulation of Concentrating Photovoltaic System with Earth Water Heat Exchanger Cooling" *Energy Procedia*, 109, 78-85
280. Jakhar S., Soni M.S., Gakkhar N.; 'An integrated photovoltaic thermal solar (IPVTS) system with earth water heat exchanger cooling: Energy and exergy analysis" *Solar Energy*, 157, 81-93
281. Jakhar S., Soni M.S., Gakkhar N.; "Exergy analysis of a photovoltaic thermal system with earth water heat exchanger cooling system based on experimental data" *International Journal of Energy*, 23 (4), 367-387
282. Jindal A., Sangwan K.S.; "Multi-objective fuzzy mathematical modelling of closed-loop supply chain considering economical and environmental factors" *Annals of Operations Research*, 257, 95-120
283. Kala P., Pandey P.M., Verma G.C., Sharma V.; "Understanding flexible abrasive brush behavior for double disk magnetic abrasive finishing based on force signature" *Journal of Manufacturing Processes*, 28, 442-448

284. Kala P., Sharma V., Pandey P.M.; "Surface roughness modelling for Double Disk Magnetic Abrasive Finishing process" *Journal of Manufacturing Processes*, 25, 37-48
285. Kanjiyangat V., Hareendran M.; "Engineering intervention to reduce API dust exposure during milling operation" *Journal of Chemical Health and Safety*
286. Kumar C.V.S., Routroy S.; " Performance analysis of supplier development programs" *Benchmarking*, 24 (2), 488-510
287. Kumar R., Singh R.I.; "An investigation of co-combustion municipal sewage sludge with biomass in a 20 kW BFB combustor under air-fired and oxygen-enriched condition" *Waste Management*, 70, 114-126
288. Kumar V., Dhillon A.S., Sharma N.N.; "Surface Modification of Textured Dielectrics and Their Wetting Behavior" *Journal of Materials Engineering and Performance*, 26 (2), 822-827
289. Malik N., Kumar P., Shrivastava S., Ghosh S.B.; "An overview on PET waste recycling for application in packaging" *International Journal of Plastics Technology*, 21 (1)
290. Mittal V.K., Sindhwani R., Kalsariya V., Salroo F., Sangwan K.S., Singh P.L.; "Adoption of Integrated Lean-Green-Agile Strategies for Modern Manufacturing Systems" *Procedia CIRP*, 61, 463-468
291. Naveen B., Rout B.K.; "Performance Evaluation of Manipulators with Links of Different Cross Sections" *Materials Today: Proceedings*, 4 (2), 1778-1787
292. Pilkar R., Yarossi M., Ramanujam A., Rajagopalan V., Bayram M.B., Mitchell M., Canton S., Forrest G.; "Application of Empirical Mode Decomposition Combined with Notch Filtering for Interpretation of Surface Electromyograms during Functional Electrical Stimulation" *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 25 (8), 1268-1277
293. Potdar P.K., Routroy S.; "Performance analysis of agile manufacturing: a case study on an Indian auto component manufacturer" *Measuring Business Excellence*, 21 (2), 117-135
294. Potdar P.K., Routroy S., Behera A.; "Addressing the Agile Manufacturing Impediments using Interpretive Structural Modeling" *Materials Today: Proceedings*, 4 (2), 1744-1751
295. Potdar P.K., Routroy S., Behera A.; "Analyzing the agile manufacturing barriers using fuzzy DEMATEL" *Benchmarking*, 24 (7), 1912-1936
296. Potdar P.K., Routroy S., Behera A.; "Agile manufacturing: a systematic review of literature and implications for future research" *Benchmarking*, 24 (7), 2022-2048
297. Potdar P.K., Routroy S., Behera A.; "A benchmarking approach for enhancing agility in manufacturing environment" *International Journal of Productivity and Quality Management* 20 (4), 488-512
298. Puri P., Kumar V., Ananthasubramanian M., Sharma N.N.; "Design, simulation and fabrication of MEMS based dielectrophoretic separator for bio-particles" *Microsystem Technologies*, 23(8), 3371-3379
299. Purohit N., Gullo P., Dasgupta M.S.; "Comparative Assessment of Low-GWP Based Refrigerating Plants Operating in Hot Climates" *Energy Procedia*, 109, 138 -145
300. Purohit N., Gupta D.K., Dasgupta M.S.; "Energetic and economic analysis of trans-critical CO₂ booster system for refrigeration in warm climatic condition" *International Journal of Refrigeration*, 80, 182-196
301. Purohit N., Khangarot B.S., Gullo P., Purohit K., Dasgupta M.S.; "Assessment of Alumina Nanofluid as a Coolant in Double Pipe Gas Cooler for Trans-critical CO₂ Refrigeration Cycle" *Energy Procedia*, 109, 219-226
302. Routroy S., Behera A.; "Agriculture supply chain: A systematic review of literature and implications for future research" *Journal of Agribusiness in Developing and Emerging Economies*, 7 (3), 275-302
303. Sagar K.V.; "Clogging of oil filters, oil jets, its consequences and a requirement of a pressure relief valve (prv) in oil filters of jet engines" *International Journal of Mechanical Engineering and Technology*, 8 (6), 156-166
304. Sangwa N.R., Sangwan K.S.; "Development of an integrated performance measurement framework for lean organizations" *Journal of Manufacturing Technology Management*; 29(1), 41-84
305. Sangwan K.S.; "Key Activities, Decision Variables and Performance Indicators of Reverse Logistics" *Procedia CIRP*, 61, 257-262
306. Sangwan K.S., Bhakar V.; "Life cycle analysis of HDPE Pipe Manufacturing - A Case Study from an Indian Industry" *Procedia CIRP*, 61, 738-743
307. Sangwan K.S., Choudhary K., Batra C.; "Environmental impact assessment of a ceramic tile supply chain – a case study" *International Journal of Sustainable Engineering*, 1-6
308. Sangwan K.S., Kant G.; "Optimization of Machining Parameters for Improving Energy Efficiency using Integrated Response Surface Methodology and Genetic Algorithm Approach" *Procedia CIRP*, 61, 517-522
309. Sharma A., Mishra R.P., Chakraborty A., Gupta G.; "Analysis of TPM Barriers using ISM-MICMAC Approach" *Proceedings of the International Conference on Industrial Engineering and Operations Management*, 1394

310. Sihag N., Kala P., Pandey P.M.; "Analysis of Surface Finish Improvement during Ultrasonic Assisted Magnetic Abrasive Finishing on Chemically treated Tungsten Substrate" *Procedia Manufacturing*, 10, 136-146
311. Singh S.; "Performance evaluation of a novel solar air heater with arched absorber plate" *Renewable Energy*, 114, 879-886
312. Singh S., Dasgupta M.S.; "Performance evaluation of a CO2 scroll expander for work recovery using artificial neural network" *Science and Technology for the Built Environment*, 1-8
313. Singh S., Dasgupta M.S.; "Evaluating Applicability of a Scroll Expander for CO2 Refrigeration System at Warm Climate" *International Journal of Air-Conditioning and Refrigeration*, 25(2)
314. Singh S., Dasgupta M.S.; "CO2 heat pump for waste heat recovery and utilization in dairy industry with ammonia based refrigeration" *International Journal of Refrigeration*, 78, 108-120
315. Sunil Kumar C.V., Routroy S.; "Analysis of suppliers' preferences to a manufacturer using Kano model and performance value analysis" *International Journal of Business and Systems Research*, 11, 6- 27
316. Sunil Kumar C.V., Routroy S.; "Analyzing a manufacturer's returns from supplier development programs" *Materials Today: Proceedings*, 4 (2), 2255-2262
317. Sunil Kumar C.V., Routroy S.; "An approach to address principal supplier development impediments" *Benchmarking*, 24 (5), 1190-1214
318. Upadhyaya R., Tailor S., Shrivastava S., Gladkova A.A., Modi S.C.; "Effect of electroless Ni plating on the properties of cold-sprayed Ni–Al2O3 coatings" *Surface Innovations*, 5 (2), 97-105
319. Upadhyaya R., Tailor S., Shrivastava S., Modi S.C.; "High performance thermal-sprayed WC-10Co-4Cr coatings in narrow and complex areas" *Surface Engineering*, 1-10
320. Waseem N., Kota S.; "Sustainability definitions—an analysis" *Smart Innovation, Systems and Technologies*, 66, 361-371
321. Ali H., Prasad Verma P.R., Dubey S.K., Venkatesan J., Seo Y., Kim S.-K., Singh S.K.; "In vitro - In vivo and pharmacokinetic evaluation of solid lipid nanoparticles of furosemide using Gastroplus™" *RSC Advances*, 7(53), 33314-33326
322. Al-Maqtari H.M., Jamalis J., Hadda T.B., Sankaranarayanan M., Chander S., Ahmad N.A., Mohd Sirat H., Althagafi I.I., Mabkhot Y.N.; "Synthesis, characterization, POM analysis and antifungal activity of novel heterocyclic chalcone derivatives containing acylated pyrazole" *Research on Chemical Intermediates*, 43(3), 1893-1907
323. Bharathidevi S.R., Babu K.A., Jain N., Muthukumar S., Umashankar V., Biswas J., Angayarkanni N.; "Ocular distribution of antioxidant enzyme paraoxonase & its alteration in cataractous lens & diabetic retina" *Indian Journal of Medical Research*, 145, 513-520
324. Bhatt S., Mahesh R., Devadoss T., Jindal A.; "Neuropharmacological evaluation of a novel 5-HT3 receptor antagonist (4-benzylpiperazin-1-yl) (3-methoxyquinoxalin-2-yl) methanone (6g) on lipopolysaccharide-induced anxiety models" *Journal of Basic and Clinical Physiology and Pharmacology*, 28 (2), 101-106
325. Bhatt S., Mahesh R., Jindal A., Devadoss T.; "Neuropharmacological and neurochemical evaluation of N-n-propyl-3-ethoxyquinoxaline- 2-carboxamide (6n): A novel serotonergic 5-HT3 receptor antagonist for co-morbid antidepressant and anxiolytic-like potential using traumatic brain injury model in rats" *Journal of Basic and Clinical Physiology and Pharmacology*, 28 (2), 93-100
326. Chanda U., Kumar A., Kumar Das J.; "Fuzzy EOQ model of a high technology product under trial-repeat purchase demand criterion" *International Journal of Modelling and Simulation*, 1-12
327. Chander S., Ashok P., De Macedo Maira B., Cos P., Cappoen D., Murugesan S.; "Design, synthesis and biological evaluation of novel tetrahydroquinoline based propanehydrazides as antitubercular agents" *Letters in Drug Design and Discovery*, 14 (3), 293-300
328. Chander S., Tang C.-R., Al-Maqtari H.M., Jamalis J., Penta A., Hadda T.B., Sirat H.M., Zheng Y.-T., Sankaranarayanan M.; "Synthesis and study of anti-HIV-1 RT activity of 5-benzoyl-4-methyl-1,3,4,5-tetrahydro-2H-1,5-benzodiazepin-2-one derivatives" *Bioorganic Chemistry*, 72, 74-79
329. Chander S., Wang P., Ashok P., Yang L.-M., Zheng Y.-T., Sankaranarayanan M.; "Design, synthesis and anti-HIV-1 RT evaluation of 2-(benzyl(4-chlorophenyl)amino)-1-(piperazin-1-yl)ethanone derivatives" *Bioorganic and Medicinal Chemistry Letters*, 27 (1), 61-65
330. Dubey S.K., Singhvi G., Tyagi A., Agarwal H., Krishna K.V.; "Spectrophotometric determination of pKa and Log P of Risperidone" *Journal of Applied Pharmaceutical Science*, 7 (11), 155-158
331. Garud M.S., Oza M.J., Gaikwad A.B., Kulkarni Y.A.; "Natural Remedies for Treatment of Cancer Pain" *Nutritional Modulators of Pain in the Aging Population*, 101-106
332. Goru S.K., Kadakol A., Gaikwad A.B.; "Hidden targets of ubiquitin proteasome system: To prevent diabetic nephropathy" *Pharmacological Research*, 120, 170-179
333. Goru S.K., Kadakol A., Malek V., Pandey A., Sharma N., Gaikwad A.B.; "Diminazene aceturate prevents nephropathy by increasing glomerular ACE2 and AT2 receptor expression in a rat model of type1 diabetes" *British Journal of Pharmacology*, 174 (18), 3118-3130

334. Italiya K.S., Sharma S., Kothari I., Chitkara D., Mittal A.; "Simultaneous estimation of lisofylline and pentoxifylline in rat plasma by high performance liquid chromatography-photodiode array detector and its application to pharmacokinetics in rat" *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, 1061-1062, 49-56
335. Jindal A., Mahesh R., Bhatt S., Pandey D.; "Molecular modifications by regulating cAMP signaling and oxidant-antioxidant defence mechanisms, produce antidepressant-like effect: A possible mechanism of etazolate aftermaths of impact accelerated traumatic brain injury in rat model" *Neurochemistry International*, 111, 3-11
336. Jindal A.B.; "The effect of particle shape on cellular interaction and drug delivery applications of micro- and nanoparticles" *International Journal of Pharmaceutics*, 532 (1), 450-465
337. Jindal A.B., Bachhav S.S., Devarajan P.V.; "In situ hybrid nano drug delivery system (IHN-DDS) of antiretroviral drug for simultaneous targeting to multiple viral reservoirs: An in vivo proof of concept" *International Journal of Pharmaceutics*, 521, 196-203
338. Joseph E., Saha R.N.; "Investigations on pharmacokinetics and biodistribution of polymeric and solid lipid nanoparticulate systems of atypical antipsychotic drug: effect of material used and surface modification" *Drug Development and Industrial Pharmacy*, 43 (4), 678-686
339. Kadakol A., Goru S.K., Malek V., Gaikwad A.B.; "Esculetin ameliorates vascular perturbation by intervening in the occupancy of H2BK120Ub at At1, At2, Tgf β 1 and Mcp1 promoter gene in thoracic aorta of IR and T2D rats" *Biomedicine and Pharmacotherapy*, 95, 1461-1468
340. Kadakol A., Malek V., Goru S.K., Pandey A., Sharma N., Gaikwad A.B.; "Esculetin ameliorates insulin resistance and type 2 diabetic nephropathy through reversal of histone H3 acetylation and H2A lysine 119 monoubiquitination" *Journal of Functional Foods*, 35, 256-266
341. Katoch M., Paul A., Singh G., Sridhar S.N.C.; "Fungal endophytes associated with *Viola odorata* Linn. as bioresource for pancreatic lipase inhibitors" *BMC Complementary and Alternative Medicine*, 17 (1)
342. Kulkarni Y.A., Garud M.S., Oza M.J., Gaikwad A.B.; "Biomarkers of Multiple Sclerosis and Their Modulation by Natural Products" *Nutrition and Lifestyle in Neurological Autoimmune Diseases: Multiple Sclerosis*, 275-284
343. Kulkarni Y.A., Suryavanshi S.V., Auti S.T., Gaikwad A.B.; "Capsicum: A Natural Pain Modulator" *Nutritional Modulators of Pain in the Aging Population*, 107-119
344. Kumar P., Kumar R., Singh B., Malik R., Sharma G., Chitkara D., Katare O.P., Raza K.; "Biocompatible Phospholipid-Based Mixed Micelles for Tamoxifen Delivery: Promising Evidences from In - Vitro Anticancer Activity and Dermatokinetic Studies" *AAPS PharmSciTech*, 18 (6), 2037-2044
345. Kurhe Y., Mahesh R., Devadoss T.; "Novel 5-HT3 receptor antagonist QCM-4 attenuates depressive-like phenotype associated with obesity in high-fat-diet-fed mice" *Psychopharmacology*, 234 (7), 1165-1179
346. Malek V., Gaikwad A.B.; "Nepriylisin inhibitors: A new hope to halt the diabetic cardiovascular and renal complications?" *Biomedicine and Pharmacotherapy*, 90, 752-759
347. Ming L.S., Jamalis J., Al-Maqtari H.M., Rosli M.M., Sankaranarayanan M., Chander S., Fun H.-K.; "Synthesis, characterization, antifungal activities and crystal structure of thiophene-based heterocyclic chalcones" *Chemical Data Collections*, 104-113
348. Mundra S., Thakur V., Bello A.M., Rathore S., Asad M., Wei L., Yang J., Chakka S.K., Mahesh R., Malhotra P., Mohammed A., Kotra L.P.; "A novel class of Plasmodial ClpP protease inhibitors as potential antimalarial agents" *Bioorganic and Medicinal Chemistry*, 25 (20), 5662-5677
349. Oza M.J., Garud M.S., Gaikwad A.B., Kulkarni Y.A.; "Fibromyalgia Syndrome: Role of Obesity and Nutrients" *Nutrition and Functional Foods for Healthy Aging*, 53-63
350. Pandey A., Gaikwad A.B.; "AT2 receptor agonist Compound 21: A silver lining for diabetic nephropathy" *European Journal of Pharmacology*, 815, 251-257
351. Pandey A., Gaikwad A.B.; "Compound 21 and Telmisartan combination mitigates type 2 diabetic nephropathy through amelioration of caspase mediated apoptosis" *Biochemical and Biophysical Research Communications*, 487 (4), 827-833
352. Pandey A., Raj P., Goru S.K., Kadakol A., Malek V., Sharma N., Gaikwad A.B.; "Esculetin ameliorates hepatic fibrosis in high fat diet induced non-alcoholic fatty liver disease by regulation of FoxO1 mediated pathway" *Pharmacological Reports*, 69 (4), 666-672
353. Raina H., Jindal A.; "Packaging of non-injectable liquid pharmaceuticals: A review" *Journal of Applied Pharmaceutical Science*, 7 (2), 248-257
354. Raina H., Kaur S., Jindal A.B.; "Development of efavirenz loaded solid lipid nanoparticles: Risk assessment, quality-by-design (QbD) based optimisation and physicochemical characterisation" *Journal of Drug Delivery Science and Technology*, 39, 180-191
355. Ramagiri S., Taliyan R.; "Protective effect of remote limb post conditioning via upregulation of heme oxygenase-1/BDNF pathway in rat model of cerebral ischemic reperfusion injury" *Brain Research*, 1669, 44-54

356. Ramagiri S., Taliyan R.; "Remote limb ischemic post conditioning during early reperfusion alleviates cerebral ischemic reperfusion injury via GSK-3 β /CREB/ BDNF pathway" *European Journal of Pharmacology*, 803, 84-93
357. Reddi S., Singhvi G., Khosa A., Saha R.N.; "Development and validation of cost effective UV-spectrophotometric method for estimation of domperidone in bulk and pharmaceutical formulations" *Asian Journal of Chemistry*, 29 (12), 2623-2626
358. Roy A., Zhao Y., Yang Y., Szeitz A., Klassen T., Li S.-D.; "Selective targeting and therapy of metastatic and multidrug resistant tumors using a long circulating podophyllotoxin nanoparticle" *Biomaterials*, 137, 11-22
359. S.N.C. S., Bhurta D., Kantiwal D., George G., Monga V., Paul A.T.; "Design, synthesis, biological evaluation and molecular modelling studies of novel diaryl substituted pyrazolyl thiazolidinediones as potent pancreatic lipase inhibitors" *Bioorganic and Medicinal Chemistry Letters*, 27 (16), 3749-3754
360. Schaefer N., Rotermund C., Blumrich E.-M., Lourenco M.V., Joshi P., Hegemann R.U., Jamwal S., Ali N., García Romero E.M., Sharma S., Ghosh S., Sinha J.K., Loke H., Jain V., Lepeta K., Salamian A., Sharma M., Golpich M., Nawrotek K., Paidi R.K., Shahidzadeh S.M., Piermartiri T., Amini E., Pastor V., Wilson Y., Adeniyi P.A., Datusalia A.K., Vafadari B., Saini V., Suárez-Pozos E., Kushwah N., Fontanet P., Turner A.J.; "The malleable brain: plasticity of neural circuits and behavior – a review from students to students" *Journal of Neurochemistry*, 142 (6), 790-811
361. Sharma N., Gaikwad A.B., Kulkarni Y.A.; "Folic Acid in Pain: An Epigenetic Link" *Nutritional Modulators of Pain in the Aging Population* 245-251
362. Sharma S., Italiya K., Mittal A., Chitkara D." New strategies for cancer management: How can temozolomide carrier modifications improve its delivery?" *Therapeutic Delivery*, 8 (7), 475-477
363. Singh M., Jadhav H.R., Bhatt T.; "Dynamin functions and ligands: Classical mechanisms behind" *Molecular Pharmacology*, 91 (2), 123-134
364. Singhvi G., Kumar V., Ukawala R., Saha R.N.; "Development of bioanalytical HPLC method for estimation of milnacipran hydrochloride in rabbit plasma using solid phase extraction technique and its application in pharmacokinetic investigation" *Current Pharmaceutical Analysis*, 13 (6), 574-580
365. Singhvi G., Shukla V.K., Ukawala R., Gampa G., Saha R.N.; "Development of a new, rapid and sensitive HPTLC method for estimation of Milnacipran in bulk, formulation and compatibility study" *Arabian Journal of Chemistry*, 10, S2417 S2423
366. Sridhar S.N.C., Mutya S., Paul A.T.; "Bis-indole alkaloids from *Tabernaemontana divaricata* as potent pancreatic lipase inhibitors: molecular modelling studies and experimental validation" *Medicinal Chemistry Research* 26 (6), 1268-1278
367. Valentina P., Ilango K., Chander S., Murugesan S.; "Design, synthesis and α -amylase inhibitory activity of novel chromone derivatives" *Bioorganic Chemistry*, 74, 158-165
368. Yang Y., Roy A., Zhao Y., Undzys E., Li S.-D.; "Comparison of Tumor Penetration of Podophyllotoxin-Carboxymethylcellulose Conjugates with Various Chemical Compositions in Tumor Spheroid Culture and in Vivo Solid Tumor" *Bioconjugate Chemistry*, 28 (5), 1505-1518
369. Sridhar S.N.C., Ginson G., Venkataramana Reddy P.O., Tantak M.P., Kumar D., Paul A.T.; "Synthesis, evaluation and molecular modelling studies of 2-(carbazol-3-yl)-2-oxoacetamide analogues as a new class of potential pancreatic lipase inhibitors" *Bioorganic and Medicinal Chemistry*, 25 (2), 609-620
370. Ashok P., Chander S., Chow L.M.C., Wong I.L.K., Singh R.P., Jha P.N., Sankaranarayanan M.; "Synthesis and in-vitro anti-leishmanial activity of (4-arylpiperazin-1-yl)(1-(thiophen-2-yl)-9H-pyrido[3,4-b]indol-3-yl)methanone derivatives" *Bioorganic Chemistry*, 70, 100-106
371. Sengupta P., Raman S., Chowdhury R., Lohitesh K., Saini H., Mukherjee S., Paul A.; "Evaluation of apoptosis and autophagy inducing potential of berberis aristata, *Azadirachta indica*, and their synergistic combinations in parental and resistant human osteosarcoma cells" *Frontiers in Oncology*, 7DEC
372. Acharya S., Gupta R.K., Ghosh J., Bysakh S., Ghosh K.S., Mondal D.K., Mukhopadhyay A.K.; "High strain rate dynamic compressive behaviour of Al6061-T6 alloys" *Materials Characterization*, 127, 185-197
373. Basu M., Nazir R., Mahala C., Fageria P., Chaudhary S., Gangopadhyay S., Pande S.; "Ag₂S/Ag Heterostructure: A Promising Electrocatalyst for the Hydrogen Evolution Reaction" *Langmuir*, 33 (13), 3178-3186
374. Bhattacharya S., Mahulkar V., Pandaokar S., Singh P.K.; "Morphology of open clusters NGC 1857 and Czernik 20 using clustering algorithms" *Astronomy and Computing*, 18, 1-7
375. Bhattacharya S., Mishra I., Vaidya K., Chen W.P.; "Disintegration of the Aged Open Cluster Berkeley 17" *Astrophysical Journal*, 847 (2)
376. Choudhary K., Kumar J., Taneja P., Gupta R.K., Manjuladevi V.; "Langmuir–Blodgett films of stearic acid deposited on substrates at different orientations relative to compression direction: alignment layer for nematic liquid crystal" *Liquid Crystals*, 44 (10), 1592-1599
377. Dinachandra Singh M., Nayak B., Choudhury B., Sarit A., Dalvi A.; "Li+-NASICON crystallites in PEO-LiCF₃SO₃ matrix: Characterization of a novel hybrid electrolyte" *Solid State Ionics*, 311, 20-25

378. Lakshmanan R., Shivaprakash N.C., Sindhu S.; "Orange Fluorescent Ru(III) Complexes Based on 4'-Aryl Substituted 2,2':6',2"-Terpyridine for OLEDs Application" *Journal of Fluorescence*, 1-10
379. Maity A., Singh A., Singh N.; "Differential stability of DNA based on salt concentration" *European Biophysics Journal*, 46 (1), 33-40
380. Pratap S.; "Transmission and LDOS in case of ZGNR with and without magnetic field" *Superlattices and Microstructures*, 104, 540-546
381. Sarkar N.; "Understanding the overall shape of the output characteristics from the change in the channel potential profile for nanowire FET" *Superlattices and Microstructures*, 101, 191- 199
382. Sarkar N.; "Understanding the effect of inelastic electron-phonon scattering and channel inhomogeneities on a nanowire FET" *Superlattices and Microstructures*
383. Singh A., Singh N.; "DNA melting in the presence of molecular crowders' *Physical Chemistry Chemical Physics*' 19 (29), 19452-19460
384. Taneja P., Manjuladevi V., Gupta R., Gupta R.K.; "Detection of Cadmium Ion in Potable Water Using Quartz Crystal Microbalance" *Macromolecular Symposia*, 376, 1
385. Tej Varma Y., Agarwal D.S., Sarmah A., Joshi L., Sakhuja R., Pant D.D.; "Solvent effects on the absorption and emission spectra of novel (E)-4-((4-(heptyloxy)phenyl)diazanyl)benzyl (((9H-fluoren-9-yl)methoxy)carbonyl)-D-alaninate (Fmoc-al-az): Determination of dipole moment by experimental and theoretical stud" *Journal of Molecular Structure*, 1129, 248-255
386. Joshi S., Kumari S., Sarmah A., Pant D.D., Sakhuja R.; "Detection of Hg²⁺ ions in aqueous medium using an indole-based fluorescent probe: Experimental and theoretical investigations" *Journal of Molecular Liquids*, 248, 668-677
387. Arora R., Goel S., Mittal R.K.; "Supporting collaborative software development over GitHub" *Software - Practice and Experience*, 47 (10), 1393-1416
388. Arora R., Goel S., Mittal R.K.; "Using dependency graphs to support collaboration over GitHub: The Neo4j graph database approach" 9th International Conference on Contemporary Computing, IC3 2016
389. Bhatia A., Patro R.K.; "A Delay and Energy Efficient Poll-Based MAC Protocol for Wireless Body Area Networks" *Wireless Personal Communications*, 1-25
390. Chen W.P., Bhattacharya S., Mishra I., Vaidya K., Lalchand B.; "Tidal disruption of the aged open cluster Berkeley 17" *Journal of Physics: Conference Series*, 869 (1)
391. Choksi N., Sewake D., Sinha S., Mukhiya R., Sharma R.; "Modeling and simulation of ion-sensitive field-effect transistor using TCAD methodology" 1st International Conference on Electronics, Materials Engineering and Nano-Technology, IEMENTech 2017
392. Choudhary A., Kumari S., Ray S.; "Tuning of catalytic property controlled by the molecular dimension of palladium-schiff base complexes encapsulated in Zeolite" *ACS Omega*, 2 (10), 6636-6645
393. Dhorajia A.M., Mukherjee H.; "Polynomial rings over commutative reduced Hopfian local rings" *Acta Mathematica Hungarica*, 1-9'
394. Digalwar A.K., Mundra N., Tagalpallewar A.R., Sunnapwar V.K.; "Road map for the implementation of green manufacturing practices in Indian manufacturing industries: An ISM approach" *Benchmarking*, 24 (5), 1386-1399
395. Gella L., Raman R., Kulothungan V., Pal S., Ganesan S., Srinivasan S., Sharma T.; "Color vision abnormalities in type II diabetes: Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetics Study II report no 2" *Indian Journal of Ophthalmology*' 65 (10), 989-994
396. Ghule K., Soni M.S.; "Numerical Heat Transfer Analysis of Wavy Micro Channels with Different Cross Sections" *Energy Procedia*, 109, 471-478
397. Goyal P., Kumar D.; "Modeling the CSR barriers in manufacturing industries" *Benchmarking*, 24 (7), 1871-1890
398. Kothiyari A., Singh S.P., Kaur H.; "Fuzzy Modeling for Low-Carbon Dynamic Procurement Problem" *International Journal of Fuzzy Systems*, 19 (4), 1238-1248
399. Krishna M., Bino Paul G.D.; "The structure of collaboration networks: An illustration of Indian economics" *Journal of Social Structure*, 18, 1-18
400. Kumar A., Pandey A., Kaushik S.; "Machine Learning Methods for Solving Complex Ranking and Sorting Issues in Human Resourcing" *Proceedings - 7th IEEE International Advanced Computing Conference, IACC 2017*, 43-47
401. Kumar N., Panchariya P.C., Kiranmayee A.H., Khatri P., Srinath K.; "Rapid classification of different types of ghee using mid infrared spectroscopy *Proceedings - TIMA 2017: 9th International Conference on Trends in Industrial Measurement and Automation*
402. Merchant P., Kumar A., Mallik D., "Factors Influencing Family Business Continuity in Indian Small and Medium Enterprises (SMEs)" *Journal of Family and Economic Issues*, 1-14

403. Mishra D., Sarkar A.K.; "Application of neural network in modeling commuter choice behavior with a novel fuzzy access measure" *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* 10630 LNAI, 313-321
404. Neriyanuri S., Rao C., Raman R.; "STRUCTURAL and FUNCTIONAL CHARACTERIZATION of BENIGN FLECK RETINA USING MULTIMODAL IMAGING" *Retinal Cases and Brief Reports*, 11(2), 186-190
405. Sadhu S., Ramgopal M., Bhattacharyya S.; "Experimental studies on an air-cooled natural circulation loop based on supercritical carbon dioxide" Part A: Steady state operation *Applied Thermal Engineering*
406. Sarkar S., Reiss J., Brandtsegg O.; "Investigation of a drum controlled cross-adaptive audio effect for live performance" *Proceedings of the 20th International Conference on Digital Audio Effects*, 110-117
407. Sharma C.K., Sharma M., Prasad K.; "Involvement of different genes expressions during immunological and inflammatory responses in vitiligo" *Critical Reviews in Eukaryotic Gene Expression*, 27 (3), 277-287
408. Singh S., Singh A., Dasgupta M.S.; "CFD Modeling of a Scroll Work Recovery Expander for Trans-critical CO₂ Refrigeration System" *Energy Procedia*, 109, 146-152
409. Singh M., Varyani N., Singh J., Haribabu K.; "Estimation of End-to-end available bandwidth and link capacity in SDN" *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*, 218, 130-141
410. Chalapathi G.S.S., Manekar R., Chamola V., Anupama K.R., Gurunarayanan S.; "Hardware validated efficient and simple Time Synchronization protocol for clustered WSN" *IEEE Region 10 Annual International Conference, Proceedings/TENCON*, 2162-2166
411. Singh A.P., Chakrabarti S., Kumar S., Singh A.; "Assessment of air quality in Haora River basin using fuzzy multiple-attribute decision making techniques" *Environmental Monitoring and Assessment*, 189 (8)
412. Tiwari P., Bhat A.K., Tikoria J.; "Relationship between entrepreneurship education and entrepreneurial intentions: A validation study" *Entrepreneurship Education: Experiments with Curriculum, Pedagogy and Target Groups*, 171-188
413. Saini H.K., Nandwana N.K., Dhiman S., Rangan K., Kumar A.; "Sequential Copper-Catalyzed Sonogashira Coupling, Hydroamination and Palladium-Catalyzed Intramolecular Direct Arylation: Synthesis of Azepino-Fused Isoindolinones" *European Journal of Organic Chemistry*, 7 48, 7277-7282
414. Pandey M.M., Charde S.Y., Jaipal A., Raut P.P., Goel P., Kumar L.; "Development and validation of a simple high-performance liquid chromatography method for estimation of felodipine in rabbit plasma: Application to pharmacokinetic study" *Current Pharmaceutical Analysis*, 13 (4), 321-327
415. Bhatia S., Lad K., Kumar R.; "Bend-optimal orthogonal drawings of triconnected plane graphs" *AKCE International Journal of Graphs and Combinatorics*

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1. Balaji S., Zhou Y., Opara E.C., Soker S.; "Combinations of Activin A or Nicotinamide with the Pancreatic Transcription Factor PDX1 Support Differentiation of Human Amnion Epithelial Cells Toward a Pancreatic Lineage" *Cellular Reprogramming*, 19 (4), 255 -262
2. Bandekar D., Chouhan O.P., Mohapatra S., Hazra M., Hazra S., Biswas S.; "Putative protein VC0395_0300 from *Vibrio cholerae* is a diguanylate cyclase with a role in biofilm formation" *Microbiological Research*, 202, 61-70
3. Bragança J.M., Furtado I.; "Removal of cadmium by halobacterium strain R1 MTCC 3265 from saline and non-saline econiches" *Indian Journal of Geo-Marine Sciences*, 46 (11), 2215-2219
4. Fernandes J.R.D., Banerjee A.; "Obesity, spermatogenesis, and male infertility Male Infertility: Understanding, Causes and Treatment" 167-182.
5. Fernandes J.R.D., Jain S., Banerjee A.; "Expression of ODC1, SPD, SPM and AZIN1 in the hypothalamus, ovary and uterus during rat estrous cycle" *General and Comparative Endocrinology*, 246, 9-22
6. Martin A., Sarkar A.; Overview on biological implications of metal oxide nanoparticle exposure to human alveolar A549 cell line" *Nanotoxicology*, 11 (6), 713-724
7. Mascarenhas S., Mutnuri S., Ganguly A.; "Deleterious role of trace elements – Silica and lead in the development of chronic kidney disease" *Chemosphere*, 177, 239-249
8. Naik K., Kowshik M.; "The silver lining: towards the responsible and limited usage of silver" *Journal of Applied Microbiology*, 123 (5), 1068-1087
9. Pathan J., Mondal S., Sarkar A., Chakrabarty D.; "Dabiolectin, a C-type lectin from Russell's viper venom induces cytoskeletal damage and apoptosis in human lung cancer cells in vitro" *Toxicon*, 127, 11-21
10. Rastogi A., Sarkar A., Chakrabarty D.; "Partial purification and identification of a metalloproteinase with anticoagulant activity from *Rhizostoma pulmo* (Barrel Jellyfish)" *Toxicon*, 132, 29-39

11. Ravindran G., Chakrabarty D., Sarkar A.; "Cell specific stress responses of cadmium-induced cytotoxicity" *Animal Cells and Systems*, 21 (1), 23-30
12. Saddhe A.A., Jamdade R.A., Kumar K.; "Evaluation of multilocus marker efficacy for delineating mangrove species of West Coast India" *PLoS ONE*, 12, 8
13. Srivastava P., Kowshik M.; "Fluorescent lead(IV) sulfide nanoparticles synthesized by *Idiomarina* sp. strain PR58-8 for bioimaging applications" *Applied and Environmental Microbiology*, 83, 7
14. Walawalkar Y.D., Vaidya Y., Nayak V.; "Screening and characterization of *Salmonella* Typhi isolates persisting within gallbladder of patients undergoing cholecystectomy for chronic cholelithiasis" *Gastroenterology Insights*, 8 (1), 1-17
15. Pai P.P., Dattatreya R.K., Mondal S.; "Ensemble Architecture for Prediction of Enzyme-ligand Binding Residues Using Evolutionary Information" *Molecular Informatics*, 36, 11
16. Baral S.S., Shekar K.R., Viswanathan V., Surendran G.; "Dissolution kinetics of cerium from red mud" *Separation Science and Technology (Philadelphia)*, 52 (5), 883-891
17. Chidambaram M., Dhanya Ram V.; "SSGM based multivariable control of unstable non-square systems" *Chemical Product and Process Modeling*
18. Deshpande A., Krishnaswamy S., Ponnani K.; "Experimental investigations on unmixed combustion for heat transfer applications" *Chemical Engineering Science*, 164, 122-132
19. Deshpande A., Krishnaswamy S., Ponnani K.; "Pulsed Micro-reactor: An alternative to estimating kinetic parameters of non-catalytic gas–solid reactions" *Chemical Engineering Research and Design*, 117, 382-393
20. Dey P., Rangarajan V.; "Improved fed-batch production of high-purity PHB (poly-3 hydroxy butyrate) by *Cupriavidus necator* (MTCC 1472) from sucrose-based cheap substrates under response surface-optimized conditions" *3 Biotech*, 7 (5)
21. Dhanarajan G., Rangarajan V., Bandi C., Dixit A., Das S., Ale K., Sen R.; "Biosurfactant-biopolymer driven microbial enhanced oil recovery (MEOR) and its optimization by an ANN-GA hybrid technique" *Journal of Biotechnology*, 256, 46-56
22. Grover S., Deshpande A., Ravindran T., Krishnan J.N.; "Design and development of microfluidic platform for water analysis" *Advanced Materials - TechConnect Briefs 2017*, 3, 154-157
23. Koley M.K., Chouhan O.P., Biswas S., Fernandes J., Banerjee A., Chattopadhyay A., Varghese B., Manoharan P.T., Koley A.P.; "Spectroscopic, electrochemical and DNA binding studies of some monomeric copper(II) complexes containing N₂S(thiolate)Cu core and N₄S(disulfide)Cu core" *Inorganica Chimica Acta*, 456, 179-198.
24. Koley M.K., Duraipandy N., Kiran M.S., Varghese B., Manoharan P.T., Koley A.P.; "DNA binding and cytotoxicity of some Cu(II)/Zn(II) complexes containing a carbonylhydrazone Schiff base ligand along with 1,10-phenanthroline as a coligand" *Inorganica Chimica Acta*, 466, 538-550
25. Krishnan J.N., Park S.-H., Kim S.K.; "Aptamer-based single-step assay by the fluorescence enhancement on electroless plated nano Au substrate" *Sensors (Switzerland)*, 17, 9
26. Kulsi C., Ghosh A., Mondal A., Kargupta K., Ganguly S., Banerjee D.; "Enhanced photo catalytic performance of nickel doped bismuth selenide under visible light irradiation" *Materials Research Express*, 4, 3
27. Kulsi C., Ghosh A., Mondal A., Kargupta K., Ganguly S., Banerjee D.; "Remarkable photo-catalytic degradation of malachite green by nickel doped bismuth selenide under visible light irradiation" *Applied Surface Science*, 392, 540-548
28. Kulsi C., Kargupta K., Ganguly S., Banerjee D.; "Enhanced thermoelectric performance of n-type bismuth selenide doped with nickel" *Current Applied Physics*, 17 (12), 1609-1615
29. Mitra M., Ghosh A., Mondal A., Kargupta K., Ganguly S., Banerjee D.; "Facile synthesis of aluminium doped zinc oxide-polyaniline hybrids for photoluminescence and enhanced visible-light assisted photo-degradation of organic contaminants" *Applied Surface Science*, 402, 418-428
30. Mitra M., Kargupta K., Ganguly S., Goswami S., Banerjee D.; "Facile synthesis and thermoelectric properties of aluminium doped zinc oxide/polyaniline (AZO/PANI) hybrid" *Synthetic Metals*, 228, 25-31
31. Bhand S., Mishra G.K.; "Electrochemical quartz crystal nanobalance (EQCN) based biosensor for sensitive detection of antibiotic residues in milk" *Methods in Molecular Biology*, 1572, 263-276
32. Chattopadhyay A., Saini P., Hakim R., Komainda A., Köppel H.; "A computational investigation on the photo-isomerization of 2,4,6-octatriene and its UV-visible spectrum" *Chemical Physics*
33. Dalavi S.B., Panda R.N.; "Observation of high coercive fields in chemically synthesized coated Fe-Pt nanostructures" *Journal of Magnetism and Magnetic Materials*, 428, 306-312
34. Dalavi S.B., Panda R.N.; "Investigations of magnetic properties of oleic acid and oleyl amine capped nanostructured CoxNi1-x (0.2 ≤ x ≤ 0.8) alloys" *Journal of Nanoscience and Nanotechnology*, 17 (4), 2589-2595

35. Ghosh B.K., Moitra D., Chandel M., Ghosh N.N.; "Preparation of TiO₂/cobalt ferrite/reduced graphene oxide nanocomposite based magnetically separable catalyst with improved photocatalytic activity" *Journal of Nanoscience and Nanotechnology*, 17 (7), 4694-4703
36. Ghosh B.K., Moitra D., Chandel M., Lulla H., Ghosh N.N.; "Ag nanoparticle immobilized mesoporous TiO₂-cobalt ferrite nanocatalyst: A highly active, versatile, magnetically separable and reusable catalyst" *Materials Research Bulletin*, 94, 361-370
37. Ghosh B.K., Moitra D., Chandel M., Patra M.K., Vadera S.R., Ghosh N.N.; "CuO Nanoparticle Immobilised Mesoporous TiO₂-Cobalt Ferrite Nanocatalyst: A Versatile, Magnetically Separable and Reusable Catalyst" *Catalysis Letters*, 147 (4), 1061-1076
38. Halder S., Bhavana P.; "Role of conformational and electronic effects on various thienylporphyrinic ionophores in the detection of metal ions – A potentiometric investigation" *Journal of Molecular Structure*, 1150, 206-213
39. Hazra S., Joshi H., Ghosh B.K., Ahmed A., Gibson T., Millner P., Ghosh N.N.; "Development of a Ru nanoparticle loaded thiol functionalized meso porous silica modified screen printed Au electrode for electrochemical detection and estimation of glucose" *Journal of Nanoscience and Nanotechnology*, 17 (2), 1163-1170
40. Kesavan P.E., Behera R.N., Mori S., Gupta I.; "Carbazole Substituted BODIPYs: Synthesis, Computational, Electrochemical and DSSC Studies" *Journal of Fluorescence*, 27 (6), 2131-2144
41. Kumar V., Chatterjee A., Roy B.G., Banerjee M.; "Corrigendum to "Synthesis of novel D-glucose based anionic bolaamphiphiles and their catalytic application in 1,3-dipolar nitron cycloaddition reactions" [*Catalysis Communications* 94 (2017) 77–81](S1566736717300729)(10.1016/j.catcom.2017.02.021): *Catalysis Communications*, 101, 142
42. Kumar V., Chatterjee A., Roy B.G., Banerjee M.; "Synthesis of novel D-glucose based anionic bolaamphiphiles and their catalytic application in 1,3-dipolar nitron cycloaddition reactions" *Catalysis Communications*, 94, 77-81
43. Mishra P.P., Panda R.N.; "Novel synthesis, characterization and magnetic properties of nano-structured γ -Mo₂N and γ -Co_{0.25}Mo_{1.75}N nitrides" *Materials Research Bulletin*, 86, 241-247
44. Moitra D., Dhole S., Ghosh B.K., Chandel M., Jani R.K., Patra M.K., Vadera S.R., Ghosh N.N.; "Synthesis and microwave absorption properties of BiFeO₃ nanowire-RGO nanocomposite and first-principles calculations for insight of electromagnetic properties and electronic structures" *Journal of Physical Chemistry C*, 121 (39), 21290-21304
45. Narayani H., Augustine R., Sumi S., Jose M., Deepa Nair K., Samsuddin M., Prakash H., Shukla S.; "Removal of basic and industrial azo reactive dyes from aqueous solutions via Fenton-like reactions using catalytic non-magnetic Pd-flyash and magnetic Pd-Fe₃O₄-flyash composite particles" *Separation and Purification Technology*, 172, 338-349
46. Padidela U.K., Behera R.N.; "Interactions in charged colloidal suspensions: A molecular dynamics simulation study" *AIP Conference Proceedings*, 1859
47. Padidela U.K., Khanna T., Behera R.N. Structure, thermodynamics and diffusion in asymmetric binary mixtures: a molecular dynamics simulation study *Physics and Chemistry of Liquids*, 1, 17
48. Pandey M., Joshi G.M., Ghosh N.N.; "Ionic conductivity and diffusion coefficient of barium-chloride-based polymer electrolyte with poly(vinyl alcohol)-poly(4-styrenesulphonic acid) polymer complex" *Bulletin of Materials Science*, 40 (4), 655-666
49. Prusty A.K., Bhand S.; "PoPD Modified ITO Based Capacitive Immunosensor for Sulphathiazole" *Electroanalysis*, 29 (8), 1867-1875
50. Prusty A.K., Bhand S.; "A capacitive sensor for 2,4-D determination in water based on 2,4-D imprinted polypyrrole coated pencil electrode" *Materials Research Express*; 4, 3
51. Saini A., Harshvardhan A., Dey R.; "Thermophysical, excess and transport properties of organic solvents with imidazolium based ionic liquids" *Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry* 56A, 1, 21-35
52. Sharma A., Istamboulie G., Hayat A., Catanante G., Bhand S., Marty J.L.; "Disposable and portable aptamer functionalized impedimetric sensor for detection of kanamycin residue in milk sample" *Sensors and Actuators, B: Chemical*, 245, 507-515
53. Singh A.C., Bacher G., Bhand S.; "A label free immunosensor for ultrasensitive detection of 17 β -Estradiol in water" *Electrochimica Acta*, 232, 30-37
54. Srinivasu J.V., Narendra K., Dey R., Rao G.S., Rao B.S.; "Molecular interaction in binary mixtures of 1,4-butanediol+picolines: Viscometric approach" *Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry* 56A, 11, 1154-1160
55. Thimmakonda V.S., Karton A.; "Energetic and spectroscopic properties of the low-lying C₇H₂ isomers: A high-level: Ab initio perspective, *Physical Chemistry Chemical Physics*, 19 (27) 17685-17697
56. Thimmakonda V.S., Sekar B.; "Is the bonding cumulenic or polyacetylenic in nonatetraynylidene?" *Computational and Theoretical Chemistry*, 1101, 1-7

57. Chatterjee A., Banerjee M., Khandare D.G., Gawas R.U., Mascarenhas S.C., Ganguly A., Gupta R., Joshi H.; "Aggregation-Induced Emission-Based Chemodosimeter Approach for Selective Sensing and Imaging of Hg(II) and Methylmercury Species" *Analytical Chemistry*, 89 (23), 12698-12704
58. Dhole S., Singh R., Paily R.; "The effects of backbone fluorination on photovoltaic properties of polymers of thiophene, selenophene and tellurophene and their hexyl derivatives: A DFT study" *Proceedings of 2nd International Conference on 2017 Devices for Integrated Circuit, DevIC 2017*, 505-508
59. Balaji A., Haldar A., Patil K., Ruthvik T.S., Ca V., Jartarkar M., Baths V.; "EEG-based classification of bilingual unspoken speech using ANN" *Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS*, 1022-1025
60. Saboo A., Sharma A., Dash T.; "GASOM: Genetic algorithm assisted architecture learning in self organizing maps" *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* 10634 LNCS, 230-239
61. Verma S., Omanwar R., Sreejith V., Meera G.S.; "A smartphone based indoor navigation system" *Proceedings of the International Conference on Microelectronics, ICM*, 345-348
62. Bhandari A., Gupta A., Das D.; "Betweenness centrality updation and community detection in streaming graphs using incremental algorithm" *ACM International Conference Proceeding Series*, 159-164
63. Chadha M., Ilsche T., Bielert M., Nagel W.E.; "A Statistical Approach to Power Estimation for x86 Processors" *Proceedings - 2017 IEEE 31st International Parallel and Distributed Processing Symposium Workshops, IPDPSW 2017*, 1012-1019
64. Chadha M., Srivastava A., Sarkar S.; "Unified power and energy measurement API for HPC co-processors" *2016 IEEE 35th International Performance Computing and Communications Conference, IPCCC 2016*
65. Das D., Kumar A.; "Algorithm for Multicast Opportunistic Routing in Wireless Mesh Networks" *ACM International Conference Proceeding Series*, 250-255
66. Das D., Kumar A.; "Learning automata based multi-flow opportunistic routing algorithm in wireless mesh networks" *International Journal of Wireless and Mobile Computing*, 13 (2), 106-113
67. Das D., Sharma P.; "Algorithm for prediction of negative links using sentiment analysis in social networks" *13th International Wireless Communications and Mobile Computing Conference, IWCMC 2017*, 1570-1575
68. Dutta H., Srinivasan A.; "Consensus-based modeling using distributed feature construction with ILP" *Machine Learning*, 1-34
69. Joshi S.L., Deshpande B.M., Punnekkat S.; "An industrial survey on the influence of process and product attributes on software product reliability" *International Conference on Networks and Advances in Computational Technologies, NetACT 2017*, 44-51
70. Kumar P., Kaalia R., Srinivasan A., Ghosh I.; "Multiple target-based pharmacophore design from active site structures" *SAR and QSAR in Environmental Research*, 1-19
71. Limbasiya T., Das D.; "Secure message transmission algorithm for Vehicle to Vehicle (V2V) communication" *IEEE Region 10 Annual International Conference, Proceedings/TENCON*, 2507-2512
72. Srinivasan A., Shroff G., Vig L., Saikia S.; "Generation of near-optimal solutions using ILP-guided sampling" *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10326 LNAI, 120-131
73. Nagaraju S., Rege V., Gudino L.J., Ramesha C.K.; "Realistic directional antenna suite for cooja simulator" *23rd National Conference on Communications, NCC 2017*
74. Roul R.K., Sahoo J.K., Goel R.; "Deep Learning in the Domain of Multi-Document Text Summarization" *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10597 LNCS, 575-581
75. Bandyopadhyay S., Banerjee K.; "PRESGen: A fully automatic equivalence checker for validating optimizing and parallelizing transformations" *SEM4HPC 2017 - Proceedings of the 2017 Workshop on Software Engineering Methods for Parallel and High Performance Applications, co-located with HPDC 2017*, 13-20
76. Beel J., Dinesh S.; "Real-world recommender systems for academia: The pain and gain in building, operating, and researching them" *CEUR Workshop Proceedings*, 1823, 6-17
77. Dash T.; "A study on intrusion detection using neural networks trained with evolutionary algorithms" *Soft Computing*, 21 (10), 2687-2700
78. Di Martino C., Sarkar S., Ganesan R., Kalbarczyk Z.T., Iyer R.K.; "Analysis and diagnosis of SLA violations in a production SaaS cloud" *IEEE Transactions on Reliability*, 66 (1), 54-75
79. Govada A., Thomas V.S., Samal I., Sahay S.K.; "Distributed multi-class rule based classification using RIPPER" *Proceedings - 2016 16th IEEE International Conference on Computer and Information Technology, CIT 2016, 2016 6th International Symposium on Cloud and Service Computing, IEEE SC2 2016 and 2016 International Symposium on Security and Privacy in Social Networks and Big Data, SocialSec 2016*, 303-309

80. Khurana P., Agarwal P., Shro G., Vig L., Srinivasan A.; "Hybrid BiLSTM-siamese network for FAQ assistance" International Conference on Information and Knowledge Management, Proceedings, Part F131841, 537-545
81. Pai P.P., Dash T., Mondal S.; "Sequence-based discrimination of protein-RNA interacting residues using a probabilistic approach" Journal of Theoretical Biology, 418, 77-83
82. Pai P.P., Mondal S.; "Applying knowledge of enzyme biochemistry to the prediction of functional sites for aiding drug discovery" Current Topics in Medicinal Chemistry, 17 (21), 2401- 2421
83. Raveendran B.K., Joshi P., Mittal S.; "EduCloud: A VM communication aware, migration efficient cloud for scientific computing" International Journal of Communication Networks and Distributed Systems 18, 329-352
84. Roul R.K., Asthana S.R., Kumar G.; "Study on suitability and importance of multilayer extreme learning machine for classification of text data" Soft Computing, 21 (15); 4239-4256
85. Roul R.K., Sahay S.K.; "Semi-supervised clustering using seeded-kMeans in the feature space of ELM" IEEE Annual India Conference, INDICON 2016
86. Roul R.K., Sahay S.K.; "Combining apriori approach with support-based count technique to cluster theweb documents" Advances in Intelligent Systems and Computing, 556, 119-132
87. Siebert S., Dinesh S., Feyer S.; "Extending a research-paper recommendation system with scientometric measures" CEUR Workshop Proceedings, 1823, 112-121
88. Srinivasan A., Bain M.; "An empirical study of on-line models for relational data streams" Machine Learning, 106 (2), 243-276
89. Swain R.R., Dash T., Khilar P.M.; "An effective graph-theoretic approach towards simultaneous detection of fault(s) and cut(s) in wireless sensor networks" International Journal of Communication Systems, 30, 13
90. Anupama K.R., Jadhav T.N., Mascarenhas E.F., Lekhi P.P., Mohammadi A., Pathak V.B.; "Development of a cross-layered protocol stack for wireless sensor networks for mobile object tracking" Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016, 475-480
91. Sundar A., Pahwa V.; "Evaluating the performance of state of the art algorithms for enhancement of seismocardiogram signals" Advances in Intelligent Systems and Computing, 458, 37-45
92. Kumar A.S., Mazumdar S.; "Forecasting HPC workload using ARMA models and SSA" Proceedings - 15th International Conference on Information Technology, ICIT 2016, 294-297
93. Mishra A.K., Kar A.; "Are Targeted Unconditional Cash Transfers Effective? Evidence from a Poor Region in India" Social Indicators Research, 130 (2), 819-843
94. Pawaskar R.P., Goel M.; "Enhancing the effectiveness of marketing a tourist destination using satisfaction analysis" International Journal of Business and Systems Research, 11, 163-181
95. Prabhudesai R., Prasad C.V.V.S.N.V.; "Antecedents of SME alliance performance: a multilevel review" Management Research Review, 40 (12), 1261-1279
96. Prabhudesai R.S., Prasad C.V.V.S.N.V., Ang B.C.; "Exploring Emerging Latin America: Implications for German Companies Using Spain as a Springboard Country" Global Business Review, 18 (4), 993-1009
97. Burman D., Ghosh R., Santra S., Kumar Ray S., Kumar Guha P.; "Role of vacancy sites and UV-ozone treatment on few layered MoS2 nanoflakes for toxic gas detection" Nanotechnology, 28-43
98. Chennareddy S.S.R., Agrawal A., Karupppiah A.; "Modular Self-Reconfigurable Robotic Systems: A Survey on Hardware Architectures" Journal of Robotics, 2017
99. Dave M., Tapiawala S., Er M.J., Venkatesan R.; "A novel progressive multi-label classifier for class-incremental data" IEEE International Conference on Systems, Man, and Cybernetics, SMC 2016 - Conference Proceedings, 3589-3593
100. Girish K.V.V., Vijai V., Ramakrishnan A.G.; "Relationship between spoken Indian languages by clustering of long distance bigram features of speech" IEEE Annual India Conference, INDICON 2016
101. Joshi A., Dhongdi S., Sethunathan R., Nahar P., Anupama K.R.; "Energy Efficient Clustering Based Network Protocol Stack for 3D Airborne Monitoring System" Journal of Computer Networks and Communications 2017
102. Kishore R., Ramesha C.K., Gurugopinath S., Anupama K.R.; "Performance analysis of superior selective reporting-based energy efficient cooperative spectrum sensing in cognitive radio networks" Ad Hoc Networks, 65, 99-116
103. Laperdrix P., Baudry B., Mishra V.; "FPRandom: Randomizing core browser objects to break advanced device fingerprinting techniques" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10379 LNCS, 97-114

104. Mane P., Mishra S., Deliwala R., Ramesha C.K.; "Adder implementation in reconfigurable resistive switching crossbar" Proceedings - International Symposium on Quality Electronic Design, ISQED, 403-408
105. Mane P., Talati N., Riswadkar A., Raghu R., Ramesha C.K.; "Reconfiguration on nanocrossbar using material implication" Sadhana - Academy Proceedings in Engineering Sciences, 42 (1), 33-44
106. Nalband S., Valliappan C.A., Prince R.G.A.A., Agrawal A.; "Feature extraction and classification of knee joint disorders using Hilbert Huang transform" 14th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology , 266-269
107. Reddy P.N., Dambekodi S.N., Dash T.; " Towards continuous monitoring of environment under uncertainty: A fuzzy granular decision tree approach" CEUR Workshop Proceedings 1819
108. Reniwal B.S., Bhatia P., Vishvakarma S.K.; "Design and investigation of variability aware sense amplifier for low power, high speed SRAM" Microelectronics Journal, 59, 22-32
109. Sharma N., Badheka D., Anpalagan A.; "Simultaneous Power and Subchannel Allocation in Interference Limited OFDM-Based Cognitive Radio Network with Quality of Service Considerations" Wireless Personal Communications, 96 (2), 1691-1710
110. Sharma N., Das S.; "Social fairness and channel loading effects in peer-to-peer connected networks" Peer-to-Peer Networking and Applications, 1- 12
111. Shenoy M.V., Anupama K.R.; "DTTA - Distributed, time-division multiple access based task allocation framework for swarm robots" Defence Science Journal, 67 (3), 316-324
112. Sudhakar A.V.V., Karri C., Jaya Laxmi A.; "Profit based unit commitment for GENCOs using Lagrange Relaxation-Differential Evolution" Engineering Science and Technology, an International Journal, 20 (2), 738-747
113. Thamam N., John J., Sridhara S., Prakash K.V., Jambhalikar A., Giridhar M.S., Islam R., Saxena G., Thamarai V., Viswanathan M., Agrawal A.B.; "A study on offset drift with temperature of MEMS inertial sensors" International Conference on Smart Sensors and Systems
114. Khairnar V.V., Ramesha C.K., Gudino L.J.; "A reconfigurable microstrip cross parasitic patch antenna with two-dimensional beam scanning capability" IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016
115. Kishore R., Ramesha C.K., Joseph G., Sangodkar E.; "Waveform and energy based dual stage sensing technique for cognitive radio using RTL-SDR" IEEE Annual India Conference, INDICON 2016
116. Upadhyay N., Upadhyay S.; "Right to Breathe why not? Social Media Analysis of the Local in the Capital City of India" Procedia Computer Science, 108, 2542-2546
117. Upadhyay S.; " Can spiritual intelligence influence research performance in higher education? Framework for human resource development in higher education" Administratie si Management Public, 28, 153-173
118. Cheruvalath R.; "Does Studying 'Ethics' Improve Engineering Students' Meta-Moral Cognitive Skills?" Science and Engineering Ethics, 1-14
119. Cheruvalath R.; "Internet Neutrality: A Battle Between Law and Ethics, International Journal for the Semiotics of Law , 1-9
120. Cheruvalath R.; "Does attending classes help foster human values in college students?" Active Learning in Higher Education, 18 (2), 143-155
121. Cheruvalath R.; "Engineering, technology and science disciplines and gender difference: a case study among Indian students" European Journal of Engineering Education, 1-13
122. Boggarapu P., Roncal L., Thangavelu S.; "Mixed norm estimates for the Cesàro means associated with Dunkl-Hermite expansions" Transactions of the American Mathematical Society, 369 (10), 7021-7047
123. Chintamani M.N., Paul P.; "On some weighted zero-sum constants" International Journal of Number Theory, 13 (2), 301-308
124. Dhorajia A.M.; "Euler class group of certain overrings of a polynomial ring" Journal of Commutative Algebra, 9 (3), 341-365
125. Godinho A., Singh T.; "Some Distance Magic Graphs" Electronic Notes in Discrete Mathematics, 63, 311-315
126. Godinho A., Singh T.; "Group distance magic labeling of C_m^n " Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10156 LNCS, 187-192
127. Godinho A., Singh T., Arumugam S.; "On nearly distance magic graphs" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)10398 LNCS, 76-82
128. Govil N.K., Kumar P.; "On L_p inequalities involving polar derivative of a polynomial" Acta Mathematica Hungarica, 152 (1); 130-139

129. Govil N.K., Kumar P.; "On Bernstein-Type inequalities for the polar derivative of a polynomial" Springer Optimization and Its Applications' 117, 41-74
130. Guliani G.S., Bagga R.; "Time sharing based multithreading approach to Quicksort" 3rd IEEE International Conference on Computational Intelligence & Communication Technology
131. Handa A.K., Godinho A., Singh T.; "Distance Antimagic Labeling of the Ladder Graph" Electronic Notes in Discrete Mathematics, 63, 317-322
132. Handa A.K., Godinho A., Singh T., Arumugam S.; "Distance antimagic labeling of join and corona of two graphs" AKCE International Journal of Graphs and Combinatorics, 14 (2), 172- 177
133. Meurer A., Smith C.P., Paprocki M., Čertík O., Kirpichev S.B., Rocklin M., Kumar A., Ivanov S., Moore J.K., Singh S., Rathnayake T., Vig S., Granger B.E., Muller R.P., Bonazzi F., Gupta H., Vats S., Johansson F., Pedregosa F., Curry M.J., Terrel A.R., Roučka S., Saboo A., Fernando I., Kulal S., Cimrman R., Scopatz A.; "SymPy: Symbolic computing in Python" PeerJ, 1
134. Prakash B., Setia A., Alapatt D.; "Numerical solution of nonlinear fractional SEIR epidemic model by using Haar wavelets" Journal of Computational Science, 22, 109-118
135. Prakash B., Setia A., Bose S.; "Numerical Solution for a System of Fractional Differential Equations with Applications in Fluid Dynamics and Chemical Engineering" International Journal of Chemical Reactor Engineering, 15 (5)
136. Sahoo J.K., Balaji A.; "Optimizing support vector machines for multi-class classification" Communications in Computer and Information Science, 721, 393-398
137. Samanta G.C., Bishi B.K.; "Geometry of the universe described by wet dark fluid in $f(R, T)$ theory of gravity" Iranian Journal of Science and Technology, Transaction A: Science, 41 (1), 223-230
138. Samanta G.C., Mishra B.; "Anisotropic cosmological model in presence of holographic dark energy and quintessence" Iranian Journal of Science and Technology, Transaction A: Science, 41 (2), 535-541
139. Samanta G.C., Myrzakulov R.; "Cosmological models constructed by van der Waals fluid approximation and volumetric expansion" International Journal of Geometric Methods in Modern Physics, 14 (12)
140. Samanta G.C., Myrzakulov R.; "Imperfect fluid cosmological model in modified gravity" Chinese Journal of Physics, 55 (3), 1044-1054
141. Samanta G.C., Myrzakulov R., Shah P.; "Kaluza-Klein bulk viscous fluid cosmological models and the validity of the second law of thermodynamics in $f(R, T)$ gravity" Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences, 72 (4), 365-374
142. Setia A., Prakash B., Vatsala A.S.; "Haar based numerical solution of Fredholm-Volterra fractional integro-differential equation with nonlocal boundary conditions" AIP Conference Proceedings, 1798
143. Setia A., Sharma V., Liu Y.; "Numerical method to solve Cauchy type singular integral equation with error bounds" AIP Conference Proceedings, 1798
144. Siddhanti A., Sarkar S., Maitra S., Chattopadhyay A.; "Differential fault attack on grain v1, ACORN v3 and lizard" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10662 LNCS, 247-263
145. Agrawal A., Jadhav A., Pareekutty N., Mogili S., Shah S.V.; "Terrain adaptive posture correction in quadruped for locomotion on unstructured terrain" ACM International Conference Proceeding Series Part F132085
146. Chandran V.G., Waigaonkar S.D.; "Rotational molding of linear low density polyethylene (LLDPE) fumed silica nanocomposites" International Polymer Processing, 32 (1), 50-57
147. Garg H., Singh G.; "Solution of two-parameter cohesive law using Chebyshev polynomials for singular integral equation" Theoretical and Applied Fracture Mechanics, 88, 117-129
148. Singh G.; "Under-estimation of crack growth rate due to negligence of timescale distinction during hydrogen assisted cracking through diffusion" Engineering Fracture Mechanics, 172, 117-125
149. Singh V., Singru P.M.; "Graph theoretic structural modeling based new measures of complexity for analysis of lean initiatives" Journal of Manufacturing Technology Management
150. Venkatesh V., Swain N., Srinivas G., Kumar P., Barshilia H.C.; "Review on the machining characteristics and research prospects of conventional microscale machining operations" Materials and Manufacturing Processes, 32 (3), 235-262
151. Viswanathan B., Kanchinadham S.B.K., Kalyanaraman C.; "Carbon sequestration potential in domestic sewage treatment plants of Indian cities" Environmental Progress and Sustainable Energy, 36 (1), 162-170
152. Banerjee K., Sharma C., Bittu N.; "Plunges in the Bombay stock exchange: Characteristics and indicators" International Journal of Modern Physics B, 31, 22
153. Bijeesh M.M., Shakhi P.K., Arunkarthick S., Varier G.K., Nandakumar P.; "Confocal imaging of single BaTiO₃ nanoparticles by two-photon photothermal microscopy" Scientific Reports, 7, 1
154. Chavan P., Naik L.R., Belavi P.B., Chavan G., Ramesha C.K., Kotnala R.K.; "Studies on Electrical and Magnetic Properties of Mg-Substituted Nickel Ferrites" Journal of Electronic Materials, 46 (1), 188-198

155. Harugade M.L., Waigaonkar S.D.; "Effect of different electrolytes on material removal rate, diameter of hole, and spark in electrochemical discharge machining, Lecture Notes in Mechanical Engineering, 201519, 427-437.
156. Dankert A., Pashaei P., Kamalakar M.V., Gaur A.P.S., Sahoo S., Rungger I., Narayan A., Dolui K., Hoque M.A., Patel R.S., De Jong M.P., Katiyar R.S., Sanvito S., Dash S.P.; "Spin-Polarized Tunneling through Chemical Vapor Deposited Multilayer Molybdenum Disulfide" ACS Nano, 11 (6), 6389-6395
157. Deshpande S., Kapoor L.N., Bheesette S., Shinde R.R.; " Embedded system for an airborne payload to determine cosmic ray flux" IEEE Bombay Section Symposium 2016: Frontiers of Technology: Fuelling Prosperity of Planet and People, IBSS 2016
158. Guha A., Selvaganapathy J., Das P.K.; "Q -deformed statistics and the role of light fermionic dark matter in SN1987A cooling" Physical Review D, 95, 1
159. Krishnagopal S., Lehnert J., Poel W., Zakharova A., Schöll E.; "Synchronization patterns: From network motifs to hierarchical networks" Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 375, 2088
160. Kunkolienkar R.S., Banerjee K.; "Towards a dS/MERA correspondence" International Journal of Modern Physics D, 26 (13)
161. Malik T., Banerjee K., Jha T.K., Agrawal B.K.; "Nuclear symmetry energy with mesonic cross-couplings in the effective chiral model" Physical Review C, 96 (3)
162. P R C., Theresa John T. ; "The influence of vacuum and annealing on the visible luminescence in ZnO nanoparticles" Journal of Luminescence, 185, 212-218
163. Singh, B., Deepak, P.N., et al.; "Feasibility study for the measurement of πN transition distribution amplitudes at P^- ANDA in $p^- p \rightarrow J/\psi \pi^0$ ", Physical Review D, 95, 3
164. Suri D., Patel R.S.; "Electron and thermal transport via variable range hopping in MoSe₂ single crystals" Applied Physics Letters, 110, 23
165. Suri D., Siva V., Joshi S., Senapati K., Sahoo P.K., Varma S., Patel R.S.; "A study of electron and thermal transport in layered titanium disulphide single crystals" Journal of Physics Condensed Matter, 29, 48
166. Venkatesan A., Kannan E.S.; "Highly ordered copper oxide (Cu₂O) nanopillar arrays using template assisted electrodeposition technique and their temperature dependent electrical characteristics" Current Applied Physics, 17 (5), 806-812
167. Venkatesan A., Rathi S., Lee I.-Y., Park J., Lim D., Kang M., Joh H.-I., Kim G.-H., Kannan E.S.; "Molybdenum disulfide nanoparticles decorated reduced graphene oxide: Highly sensitive and selective hydrogen sensor" Nanotechnology, 28-36
168. Agarwal S., Sureka A.; "Investigating the role of twitter in E-Governance by extracting information on citizen complaints and grievances reports" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 10721 LNCS, 300-310
169. Kujawinska A., Vogt K., Diering M., Rogalewicz M., Waigaonkar S.D.; "Organization of visual inspection and its impact on the effectiveness of inspection" Lecture Notes in Mechanical Engineering, 201519, 899-909
170. Ahuja A., Wei W., Carley K.M.; "Microblog Sentiment Topic Model" IEEE International Conference on Data Mining Workshops, ICDMW , 1031-1038
171. Aiyer A.K., Subramanian K., Bhat P.; "Passive scalar mixing and decay at finite correlation times in the Batchelor regime" Journal of Fluid Mechanics, 824, 785-817
172. Bandyopadhyay S., Sarkar S., Banerjee K.; "An end-to-end formal verifier for parallel programs" ICSSOFT 2017 - Proceedings of the 12th International Conference on Software Technologies, 388-393
173. Banerjee S., Chattopadhyay A., Fernandes J.R.D., Banerjee A., Phadte A.A., Savardekar A.V., Singh K.S.; "Synthesis and electronic properties of ester substituted 1,4-dicyanodibenzo dioxins and evaluation of anti-proliferative activity of all isomeric 1,2-, 2,3- and 1,4-dicyanodibenzodioxins against HeLa cell line" Bioorganic and Medicinal Chemistry Letters, 27 (18), 4280-4284
174. Ghosh N.N., Rajput A.B.; "Preparation of Mechanically Flexible Composites Composed of Polybenzoxazine-Linear Low-Density Polyethylene-Fumed 'Silica and Study of Their Properties" Advanced and Emerging Polybenzoxazine Science and Technology, 921-931
175. Kulkarni D.P., Bhuvaneshwari H.B., Kalyan Ram B.; "Smart controlling of appliances in power-line communication using LabVIEW" Lecture Notes in Electrical Engineering' 436, 571-583
176. Maitra S., Siddhanti A., Sarkar S.; "A differential fault attack on plantlet" IEEE Transactions on Computers, 66 (10), 1804-1808
177. Reddy C.H.S.S., Patlolla S., Agrawal A., Anupama K.R.; " HexaMob-A hybrid modular robotic design for implementing biomimetic structures" Robotics, 6 (4)
178. Roul R.K., Sahoo J.K.; " Classification of research articles hierarchically: A new technique" Advances in Intelligent Systems and Computing, 556, 347-361

179. Siddhanti A.A., Maitra S., Sinha N.; "Certain observations on ACORN v3 and the implications to TMDTO attacks" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10662 LNCS, 264-280
180. Singru P., Raizada A., Krishnakumar V., Garg A., Tai K., Raj V.; "Modeling of a magneto-rheological (MR) damper using genetic programming" Journal of Vibro engineering, 19 (5), 3169-3177
181. Tiwari N., Bellur U., Sarkar S., Indrawan M.; "CPU frequency tuning to improve energy efficiency of mapreduce systems" Proceedings of the International Conference on Parallel and Distributed Systems – ICPADS, 1015-1022
182. Srinivasulu A., Sravanthi G., Sarada M., Pal D.; "FinFET-based Miller encoder for UHF and SHF RFID application" International Journal of Electronics, 105 (1), 104-115
183. Valliappan C.A., Balaji A., Thandayam S.R., Dhingra P., Baths V.; "A portable real time ECG device for arrhythmia detection using raspberry Pi" Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, 192, 177-184
184. Das D., Vasudev H.; "Design and safety verification for vehicle networks" Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, 218, 220-232
185. Venkateswaran S., Sarkar S.; "Uptime-Optimized Cloud Architecture as a Brokered Service Proceedings - 47th Annual IEEE/IFIP International Conference on Dependable Systems and Networks Workshops, DSN-W 2017, 129-132
186. Chalapathi G.S.S., Manekar R., Chamola V., Anupama K.R., Gurunarayanan S.; "Hardware validated efficient and simple Time Synchronization protocol for clustered WSN" IEEE Region 10 Annual International Conference, Proceedings/TENCON, 2162-2166
187. Singh S., Patel B.P.; "Nonlinear elastic properties of graphene sheet using MM3 potential under finite deformation" Composites Part B: Engineering, 136, 81-91

Hyderabad campus

1. Bitragunta S.P., Palani S.G., Gopala A., Sarkar S.K., Kandukuri V.R.; "Detection of TiO₂ Nanoparticles in Municipal Sewage Treatment Plant and Their Characterization Using Single Particle ICP-MS" Bulletin of Environmental Contamination and Toxicology, 98 (5), 595-600
2. Khetarpal N., Shukla R., Rajpoot R.K., Poddar A., Pal M., Swaminathan S., Arora U., Khanna N.; "Recombinant dengue virus 4 envelope glycoprotein virus-like particles derived from pichia pastoris are capable of eliciting homotypic domain III-directed neutralizing antibodies" American Journal of Tropical Medicine and Hygiene, 96 (1), 126-134
3. Ali G.L., Kapur S., Chinmayi S., Fatima Q., Pise H., Khan A., Liyakat A., Jilova V., Dube U.; "A study of genetic markers in patients of rheumatoid arthritis and their co-relation with severity of the disease" Journal of Association of Physicians of India, 65, 32-36
4. Ghosh D., Sen S., Mohapatra S.; "Modulation of proline metabolic gene expression in Arabidopsis thaliana under water-stressed conditions by a drought-mitigating Pseudomonas putida strain" Annals of Microbiology, 67 (10), 655-668
5. Hussaindeen J.R., Rakshit A., Singh N.K., George R., Swaminathan M., Kapur S., Scheiman M., Ramani K.K.; "Prevalence of non-strabismic anomalies of binocular vision in Tamil Nadu: report 2 of BAND study" Clinical and Experimental Optometry, 100 (6), 642-648
6. Hussaindeen J.R., Rakshit A., Singh N.K., Swaminathan M., George R., Kapur S., Scheiman M., Ramani K.K.; "Binocular vision anomalies and normative data (BAND) in Tamil Nadu: report 1" Clinical and Experimental Optometry, 100 (3), 278-284
7. Kadumuri R.V., Vadrevu R.; "LoopX: A Graphical User Interface-Based Database for Comprehensive Analysis and Comparative Evaluation of Loops from Protein Structures" Journal of Computational Biology, 24 (10), 1043-1049
8. Kalikiri M.K., Mamidala M.P., Rao A.N., Rajesh V.; "Analysis and functional characterization of sequence variations in ligand binding domain of thyroid hormone receptors in autism spectrum disorder (ASD) patients" Autism Research, 10 (12), 1919-1928
9. Kapur S., Gupta S.; "Indigenous rapid diagnostic technology for antibiotic susceptibility testing in urinary tract infection: From bench side to bedside" BMJ Innovations, 3 (1), 7-11
10. Kema V.H., Khan I., Jamal R., Vishwakarma S.K., Lakki Reddy C., Parwani K., Patel F., Patel D., Khan A.A., Mandal P.; "Protective Effects of Diallyl Sulfide Against Ethanol-Induced Injury in Rat Adipose Tissue and Primary Human Adipocytes" Alcoholism: Clinical and Experimental Research, 41 (6), 1078-1092
11. Khan I., Ray Dutta J., Ganesan R.; "Lactobacillus sps. lipase mediated poly (ϵ -caprolactone) degradation" International Journal of Biological Macromolecules, 95, 126-131
12. Palakurti R., Vadrevu R.; "Pharmacophore based 3D-QSAR modeling, virtual screening and docking for identification of potential inhibitors of β -secretase" Computational Biology and Chemistry, 68, 107-117

13. Palakurti R., Vadrevu R.; "Identification of abelson tyrosine kinase inhibitors as potential therapeutics for Alzheimer's disease using multiple e-pharmacophore modeling and molecular dynamics" *Journal of Biomolecular Structure and Dynamics*, 35 (4), 883-896
14. Prasad B.S., Ganesh P.S., Lagan K., Vishaka T., Vutukuru S.S., Sarkar S.K.; "Evaluation of antioxidant enzyme responses in earthworms exposed to polystyrene nano particles and Pamam dendrimers" *Pollution Research*, 36 (2), 312-318
15. Rahul C.N., Shiva Krishna K., Pawar A.P., Rajesh V.; "In silico approach to ascertain the calcium dependent role of Plasmodium falciparum SERA5" *Journal of Biomolecular Structure and Dynamics*, 35 (1), 17-25
16. Rakshit D., Murugan K., Biswas J.K., Satpathy K.K., Ganesh P.S., Sarkar S.K.; "Environmental impact on diversity and distribution of tintinnid (Ciliata: Protozoa) along Hooghly Estuary, India: A multivariate approach" *Regional Studies in Marine Science*, 12, 1-10
17. Reddy V.S., Madala S.K., Trinath J., Reddy G.B.; "Extracellular small heat shock proteins: exosomal biogenesis and function" *Cell Stress and Chaperones*, 1-14
18. Manasi, Mohapatra S., Rajesh N., Rajesh V.; "Impact of heavy metal lead stress on polyamine levels in Halomonas BVR 1 isolated from an industry effluent" *Scientific Reports*, 7 (1)
19. Uppada S.R., Akula M., Bhattacharya A., Dutta J.R.; "Immobilized lipase from Lactobacillus plantarum in meat degradation and synthesis of flavor esters" *Journal of Genetic Engineering and Biotechnology*, 15 (2), 331-334.
20. Aparna S., Purnima D., Adusumalli R.B.; "Review on Various Compatibilizers and its Effect on Mechanical Properties of Compatibilized Nylon Blends" *Polymer - Plastics Technology and Engineering*, 56 (6), 617-634
21. Kumar V., Sairam S.D.S.S., Kumar S., Singh A., Nayak D., Sah R., Mahapatra P.C.; "Prediction of Iron Ore Sinter Properties Using Statistical Technique" *Transactions of the Indian Institute of Metals*, 70 (6), 1661-1670
22. Pamidipati S., Ahmed A.; "Erratum to: Degradation of Lignin in Agricultural Residues by locally Isolated Fungus Neurospora discreta (*Applied Biochemistry and Biotechnology*, (2017), 181, 4, (1561-1572), 10.1007/s12010-016-2302-6)" *Applied Biochemistry and Biotechnology*, 182 (3), 1256-1257
23. Pamidipati S., Ahmed A.; "Degradation of Lignin in Agricultural Residues by locally Isolated Fungus Neurospora discreta" *Applied Biochemistry and Biotechnology*, 181 (4), 1561- 1572
24. Raychoudhury T., Surasani V.K.; "Implication of surface modified NZVI particle retention in the porous media: Assessment with the help of 1-D transport model" *Journal of Earth System Science*, 126 (4)
25. Sreedhar I., Nahar T., Venugopal A., Srinivas B.; "Carbon capture by absorption – Path covered and ahead" *Renewable and Sustainable Energy Reviews*, 76, 1080-1107
26. Sreedhar I., Vaidhiswaran R., Kamani B.M., Venugopal A.; "Process and engineering trends in membrane based carbon capture" *Renewable and Sustainable Energy Reviews*, 68, 659-684
27. Sreenivasulu B., Sreedhar I., Reddy B.M., Raghavan K.V.; "Stability and carbon capture enhancement by coal-fly-ash-doped sorbents at a high temperature" *Energy and Fuels*, 31(1), 785-794
28. Sreenivasulu B., Sreedhar I., Venugopal A., Reddy B.M., Raghavan K.V.; "Thermokinetic Investigations of High Temperature Carbon Capture Using a Coal Fly Ash Doped Sorbent" *Energy and Fuels*, 31 (6), 6320-6328
29. Suresh P., Sreedhar I., Vaidhiswaran R., Venugopal A.; "A comprehensive review on process and engineering aspects of pharmaceutical wet granulation" *Chemical Engineering Journal*, 328, 785-815
30. Suresh P., Surasani V.K., Sreedhar I.; "Investigations at an industrial scale on granule and tablet attributes in high shear rapid mixer granulator" *Particulate Science and Technology*, 1, 7
31. Uttaravalli A.N., Dinda S.; "Kinetics of thermal decomposition of ketonic resins" *Materials Today Communications* 12, 88-94
32. Vankudoth K., Velisoju V.K., Gutta N., Sathu N.K., Aytam H.P., Inkollu S., Akula V.; "Zn-Modified CuCr2O4 as Stable and Active Catalyst for the Synthesis of 2,6-Dimethylpyrazine: Valorization of Crude Glycerol Obtained from a Biodiesel Plant" *Industrial and Engineering Chemistry Research*, 56 (41), 11664-11671
33. Soman B., Challagulla S., Payra S., Dinda S., Roy S.; "Surface morphology and active sites of TiO2 for photoassisted catalysis" *Research on Chemical Intermediates*, 1-13
34. Bolloju S., Srinivasan R.; "Sub-micron-sized delafossite CuCrO2 with different morphologies synthesized by nitrate-citric acid sol-gel route" *Bulletin of Materials Science*, 40 (1), 195-199
35. Challagulla S., Nagarjuna R., Ganesan R., Roy S.; "TiO2 synthesized by various routes and its role on environmental remediation and alternate energy production" *Nano-Structures and Nano-Objects*, 12, 147-156
36. Challagulla S., Roy S.; "The role of fuel to oxidizer ratio in solution combustion synthesis of TiO2 and its influence on photocatalysis" *Journal of Materials Research*, 32 (14), 2764-2772

37. Challagulla S., Tarafder K., Ganesan R., Roy S.; "All that Glitters Is Not Gold: A Probe into Photocatalytic Nitrate Reduction Mechanism over Noble Metal Doped and Undoped TiO₂" *Journal of Physical Chemistry C*, 121 (49), 27406-27416
38. Challagulla S., Tarafder K., Ganesan R., Roy S.; "Structure sensitive photocatalytic reduction of nitroarenes over TiO₂" *Scientific Reports*, 7 (1)
39. Khalid Baig M.Z., Pawar S., Prasad Tulichala R.N., Nag A., Chakravarty M.; "A single fluorescent probe as systematic sensor for multiple metal ions: Focus on detection and bio-imaging of Pd²⁺" *Sensors and Actuators, B: Chemical*, 243, 226-233
40. Khalid Baig M.Z., Sahu P.K., Sarkar M., Chakravarty M.; "Haloarene-Linked Unsymmetrically Substituted Triarylethenes: Small AIEgens to Detect Nitroaromatics and Volatile Organic Compounds" *Journal of Organic Chemistry*, 82 (24), 13359-13367
41. Lindemann M., Deuther-Conrad W., Moldovan R., Sekhar K.V.G.C., Brust P., Wenzel B.; "Do spiroindolines have the potential to replace vesamicol as lead compound for the development of radioligands targeting the vesicular acetylcholine transporter?" *Bioorganic and Medicinal Chemistry*, 25 (19), 5107-5113
42. Nagarjuna R., Challagulla S., Ganesan R., Roy S.; "High rates of Cr(VI) photoreduction with magnetically recoverable nano-Fe₃O₄@Fe₂O₃/Al₂O₃ catalyst under visible light " *Chemical Engineering Journal*, 308, 59-66
43. Nagarjuna R., Challagulla S., Sahu P., Roy S., Ganesan R.; "Polymerizable sol-gel synthesis of nano-crystalline WO₃ and its photocatalytic Cr(VI) reduction under visible light" *Advanced Powder Technology*, 28 (12), 3265-3273
44. Narva S., Chitti S., Amaroju S., Bhattacharjee D., Rao B.B., Jain N., Alvala M., Sekhar K.V.G.C.; "Design and synthesis of 4-morpholino-6-(1,2,3,6-tetrahydropyridin-4-yl)-N-(3,4,5-trimethoxyphenyl)-1,3,5-triazin-2-amine analogues as tubulin polymerization inhibitors" *Bioorganic and Medicinal Chemistry Letters*, 27 (16), 3794-3801.
45. Ramya P.V.S., Angapelly S., Babu B.N., Digwal C.S., Nagarsenkar A., Gannoju S., Prasanth B., Arifuddin M., Kanneboina K., Rangan K., Kamal A.; "Metal-Free C-C Bond Cleavage: One-Pot Access to 1,4-Benzoquinone-linked N-Formyl Amides/Sulfonamides/Carbamates using Oxone" *Asian Journal of Organic Chemistry*, 6 (8), 1008-1013
46. Ranga S., Ghosal S.; "Accurate quantum mechanical rate coefficients for D + H₂(v, j) reaction: From ultracold to thermal temperature limit" *Computational and Theoretical Chemistry*, 1102, 69-73
47. Reddy Penjarla T., Kundarapu M., Syed Mohd. B., Bhattacharya A.; "A straight forward and first total synthesis of Penilumamides B-D" *Tetrahedron Letters*, 58 (34), 3347-3349
48. Saifullah M.S.M., Asbahi M., Binti-Kamran Kiyani M., Tripathy S., Ong E.A.H., Ibn Saifullah A., Tan H.R., Dutta T., Ganesan R., Valiyaveetil S., Chong K.S.L.; "Direct Patterning of Zinc Sulfide on a Sub-10 Nanometer Scale via Electron Beam Lithography" *ACS Nano*, 11 (10), 9920-9929
49. Sajeevan K.A., Roy D.; "Temperature-dependent molecular dynamics study reveals an ionic liquid induced 310- to α -helical switch in a neurotoxin" *Biopolymers*, 108 (3)
50. Sharma S., Krishna Kumar A.S., Rajesh N.; "A perspective on diverse adsorbent materials to recover precious palladium and the way forward" *RSC Advances*, 7 (82), 52133-52142
51. Sharma S., Rajesh N.; "Expedient preparation of β -cyclodextrin grafted chitosan using microwave radiation for the enhanced palladium adsorption from aqueous waste and an industrial catalyst" *Journal of Environmental Chemical Engineering*, 5 (2), 1927-1935
52. Swamy K.C.K., Chakravarty M., Debnath S., Reddy M.N.; "Reaction of allenylphosphonates/allenylphosphine oxides with thiocyanates/isothiocyanates or oxalyl chloride/AgNO₃" *Phosphorus, Sulfur and Silicon and the Related Elements*, 192 (6), 763-768
53. Zubair Khalid Baig M., Majhi D., Tulichala R.N.P., Sarkar M., Chakravarty M.; "Easy access to new anthracenyl π -conjugates: generation of distinct AIE-active materials" *Journal of Materials Chemistry C*, 5 (9), 2380-2387
54. Kalyana Rama J.S., Sivakumar M.V.N., Vasan A., Kubair S., Ramachandra Murthy A.; "Plastic viscosity based mix design of self-compacting concrete with crushed rock fines" *Computers and Concrete*, 20 (4), 461-468
55. Rama J.S.K., Chauhan D.R., Sivakumar M.V.N., Vasan A., Murthy A.R.; "Fracture properties of concrete using damaged plasticity model-A parametric study" *Structural Engineering and Mechanics*, 64 (1), 59-69
56. Srinivasa Raju K., Sonali P., Nagesh Kumar D.; "Ranking of CMIP5-based global climate models for India using compromise programming" *Theoretical and Applied Climatology*, 128, 563-574
57. Dharur S., Hota C., Swaminathan K.; "Energy efficient IoT framework for Smart Buildings" *Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017*, 793-800

58. Hota C., Shrivastava R.K., Shipra S.; "Tamper-resistant code using optimal ROP gadgets for IoT devices 2017" 13th International Wireless Communications and Mobile Computing Conference, IWCMC 2017" 570-575
59. Chou K.-P., Prasad M., Li D.-L., Bharill N., Lin Y.-F., Hussain F., Lin C.-T., Lin W.-C.; "Automatic Multi-view Action Recognition with Robust Features" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 10636 LNCS, 554-563
60. Shrivastava R., Hota C., Shrivastava P.; "Protection against code exploitation using ROP and check-summing in IoT environment" 2017 5th International Conference on Information and Communication Technology, ICoICT 2017
61. Vijayalakshmi A., Hota C.; "Task assignment in crowd sourcing using vector space model" International Journal of Pure and Applied Mathematics, 116 (23), 605-609
62. Bksp K.R., Gosala N.B., Geethakumari G.; "CLOSER: Applying aggregation for effective event reconstruction of cloud service logs" Proceedings of the 11th International Conference on Ubiquitous Information Management and Communication, IMCOM 2017
63. Mitra B., Sural S., Vaidya J., Atluri V.; "Migrating from RBAC to temporal RBAC" IET Information Security, 11 (5), 294-300
64. Panda S., Mohapatra D.P.; "Regression test suite minimization using integer linear programming model" Software - Practice and Experience, 47 (11), 1539-1560
65. Raju B.K.S.P.K., Geethakumari G.; "An advanced forensic readiness model for the cloud environment" Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016, 765-771
66. Rani D.R., Kumari G.G.; "A framework for detecting anti-forensics in cloud environment" Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016, 1277-1280
67. Ray T., Malapati A., Murthy N.L.B.; "Teaching Computer Programming Using MOOCs in Multiple Campuses: Challenges and Solutions" Proceedings - IEEE 8th International Conference on Technology for Education, T4E 2016, 160-163
68. Singh S., Tripathi S., Batabyal S.; Utilization based secured dynamic scheduling algorithm for real-time applications on grid (U-SDSA), Proceedings - International Conference on Advanced Information Networking and Applications, AINA, 606-613
69. Wagenmakers E.-J., Love J., Marsman M., Jamil T., Ly A., Verhagen J., Selker R., Gronau Q.F., Dropmann D., Boutin B., Meerhoff F., Knight P., Raj A., van Kesteren E.-J., van Doorn J., Šmíra M., Epskamp S., Etz A., Matzke D., de Jong T., van Den Bergh D., Sarafoglou A., Steingroever H., Derks K., Rouder J.N., Morey R.D.; "Bayesian inference for psychology. Part II: Example applications with JASP" Psychonomic Bulletin and Review, 1-19
70. Quadir A.; "Spanning tree auctions: A complete characterization" Mathematical Social Sciences, 86, 1-8
71. Krishna P.V.K., Pattnaik P.K.; "A novel algorithm to optimize cost of coherent long-haul DWDM network" 2017 4th International Conference on Signal Processing and Integrated Networks, SPIN 2017, 145-148
72. Nittala R., Parimi A.M., Uma Rao K.; "Application of PST source based DC link restoration for IDVR" International Journal of Electrical and Computer Engineering, 7 (3), 1103-1111
73. Parimi A.M., Elamvazuthi I., Kumar A.V.P., Cherian V.; "Fuzzy logic based control for IPFC for damping low frequency oscillations in multimachine power system" Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICPSPCIC 2015, 32-36
74. Charan T.V., Manga P.A.; "Placing IPFC at multiple generator connected grid for reducing short circuit current" Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICPSPCIC 2015, 90-95
75. Chitraganti S., Toth R., Meskin N., Mohammadpour J.; "Stochastic model predictive tracking of piecewise constant references for LPV systems" IET Control Theory and Applications, 11(12), 1862-1872
76. Chitraganti S., Toth R., Meskin N., Mohammadpour J.; "Stochastic model predictive control for LPV systems" Proceedings of the American Control Conference, 5654-5659
77. Dubey R., Nath S., Harsha K., Vinay D.R.S., Bayya M., Rao B.V.S.S.N.P., Rao U.M., Muthukrishnan N.M.; "Smart home management with online power measurement" IEEE Region 10 Humanitarian Technology Conference 2016, R10-HTC 2016 - Proceedings
78. Ganjikunta G.K., Sahoo S.K.; "An area-efficient and low-power 64-point pipeline Fast Fourier Transform for OFDM applications" Integration, the VLSI Journal, 57, 125-131
79. Gayatri M.T.L., Parimi A.M., Kumar A.V.P.; "Reactive power compensation in microgrids using custom power devices" Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICPSPCIC 2015, 96-104
80. Gopinath A., Adusumalli R.K., Vulligaddala V.B., Srinivas M.B.; "A Switched-Capacitor Amplifier with True Rail-to-Rail Input Range without Using a Rail-to-Rail Op-Amp" Proceedings - 2017 30th International Conference on VLSI Design and 2017 16th International Conference on Embedded Systems, VLSID 2017, 329-334

81. Goutham V., Himabindu T., Vikas V., Singh G.B.B.; "Performance improvement using a multi-level converter in a DTC based induction motor drive" Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICPSPIC 2015, 52-59
82. Gupta M., Rajagopalan V., Pioro E.P., Rao B.V.V.S.N.P.; "Volumetric analysis of MR images for glioma classification and their effect on brain tissues" Signal, Image and Video Processing, 11 (7), 1337-1345
83. Gupta M., Rao B.V.V.S.N.P., Rajagopalan V.; "Brain tumor detection in conventional MR images based on statistical texture and morphological features" Proceedings - 2016 15th International Conference on Information Technology, ICIT 2016, 129-133
84. Gupta S., Singh S., Bhuvanewari G., Singh B., Mohan N.; "A thyristorised phase-controlled cycloconverter based power electronic transformer for grid integration of renewable energy sources" IEEE 7th Power India International Conference, PIICON 2016
85. Himabindu T., Teja A.V.R., Bhuvanewari G., Singh B.; "Predictive torque control of a three-level reduced switch inverter fed induction motor drive" IEEE International Symposium on Industrial Electronics, 348-353
86. Himabindu T., Teja A.V.R., Bhuvanewari G., Singh B.; "Simplified predictive torque control of an im drive with efficient zero vector placement" IEEE International Symposium on Industrial Electronics, 362-367
87. Kadiri S.R., Yegnanarayana B.; "Speech polarity detection using strength of impulse-like excitation extracted from speech epochs" ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings, 5610-5614
88. Kadiri S.R., Yegnanarayana B.; "Epoch extraction from emotional speech using single frequency filtering approach" Speech Communication, 86, 52-63
89. Kaushik M.K., Yoganandam Y.; "Studies on route sustenance and outage probability in cognitive mobile secondary user networks" Proceedings - 2016 6th International Symposium on Embedded Computing and System Design, ISED 2016, 245-248
90. Kim Y.H., Sohn J.-W., Lee Y.K., Jung J., Jeong M., Goel S., Kim H.J., Choi S.-J.; "Preparation of pH sensitive MMT/PEGMEA nanocomposite micropatterns by rapid and simple UV curing procedures" Journal of Nanoelectronics and Optoelectronics, 12 (6), 550-556
91. Malayappan B., Poornalakshmi U., Pattnaik P.K.; "Temperature insensitive waveguide grating based SOI MOEMS accelerometer" Workshop on Recent Advances in Photonics, WRAP 2015
92. Narayana V., Mishra A.K., Singh B.; "Development of low-cost PV array-fed SRM drive-based water pumping system utilising CSC converter" IET Power Electronics, 10 (2), 156-168
93. Parlapalli S.P., Vudadha C., Srinivas M.B.; "Optimizing the reversible circuits using complementary control line transformation" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10301 LNCS, 111-126
94. Parlapalli S.P., Vudadha C., Srinivas M.B.; "An ESOP based cube decomposition technique for reversible circuits" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10301 LNCS, 127-140
95. Pavan Kumar A.V., Parimi A.M., Rao K.U.; "Performance analysis of FLC controlled PV-wind hybrid power system for dc load with real-time data in Matlab, Simulink" Journal of Electrical and Electronics Engineering, 10 (1), 15-20
96. Puneeth S.B., Kim Y.H., Goel S.; "Microfluidic diffusivity meter: A tool to optimize CO2 driven enhanced oil recovery" Proceedings of SPIE - The International Society for Optical Engineering 10095
97. Rajagopalan V., Pioro E.P.; "Differential involvement of corticospinal tract (CST) fibers in UMN-predominant ALS patients with or without CST hyperintensity: A diffusion tensor tractography study" NeuroImage: Clinical, 14, 574-579
98. Reddy K.P.K., Yeleswarapu Y., Darak S.J.; "Performance evaluation of cumulant feature based automatic modulation classifier on USRP testbed" 9th International Conference on Communication Systems and Networks, COMSNETS 2017, 393-394
99. Sahoo S.K., Akhilesh G., Sahoo R., Muglikar M.; "High-Performance Ternary Adder Using CNTFET" IEEE Transactions on Nanotechnology, 16(3), 368-374
100. Sankaran V.P., Dubey S., Sharma A., Agarwal A., Goel S.; "Stereolithographic 3D printed microfluidic viscometer for rapid detection of automobile fuel adulteration" Sensor Letters, 15 (7), 545-551
101. Sharma D.K., Dwara R.S.V., Botre B.A., Akbar S.A.; "Temperature control and readout circuit interface for Mox based NH3 gas sensor" Microsystem Technologies, 23 (5), 1575-1583
102. Sharma D.K., Dwara R.S.V., Botre B.A., Akbar S.A., Kishore K.; "Erratum to: Temperature control and readout circuit interface for Mox based NH3 gas sensor (Microsystem Technologies, (2017), 23, 5, (1575-1583), 10.1007/s00542-016-3126-6)" Microsystem Technologies, 23 (7), 3017
103. Sheelakumari R., Venkateswaran Rajagopalan, Chandran A., Varghese T., Zhang L., Yue G.H., Mathuranath P.S., Kesavadas C.; "Quantitative analysis of grey matter degeneration in FTD patients using fractal dimension analysis" Brain Imaging and Behavior, 1-8

104. Soumya J., Babu K.N., Chattopadhyay S.; "Multi-Application Mapping onto a Switch-Based Reconfigurable Network-on-Chip Architecture" *Journal of Circuits, Systems and Computers*, 26 (11)
105. Srinivasa Reddy K., Sahoo S.K.; "An approach for fixed coefficient RNS-based FIR filter" *International Journal of Electronics*, 104 (8), 1358-1376
106. Venkat Ram Reddy K., Gowri Manohar T., Sreedhar M.; "Circulating current mitigating scheme in MMC based HVDC system with H^∞ repetitive controllers" *International Journal of Electrical Power and Energy Systems*, 85, 143-152
107. Vijay M.D., Shah K., Bhuvaneshwari G., Singh B.; "LED based street lighting with automatic intensity control using solar PV" *Proceedings - 2015 IEEE IAS Joint Industrial and Commercial Power Systems / Petroleum and Chemical Industry Conference, ICPSPCIC 2015*, 197-202
108. Vudadha C., Phaneendra P.S., Srinivas M.B.; "An efficient design methodology for CNFET based ternary logic circuits" *Proceedings - 2016 IEEE International Symposium on Nanoelectronic and Information Systems, iNIS 2016*, 278-283
109. Bandapati M., Dwivedi P.K., Krishnamurthy B., Kim Y.H., Kim G.M., Goel S.; "Screening various pencil leads coated with MWCNT and PANI as enzymatic biofuel cell biocathode" *International Journal of Hydrogen Energy*, 42 (44), 27220-27229
110. Rao Y.V.D., Parimi A.M., Rahul D.S.P., Patel D., Nitin Mythreya Y.V.; "Robotics in Dental Implantation" *Materials Today: Proceedings*, 4 (8), 9327-9332
111. Ajit S., Praveen H.M., Puneeth S.B., Dave A., Sesham B., Mohan K.N., Goel S.; "Towards rapid prototyped convective microfluidic DNA amplification platform" *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, 10061
112. Bishi B.K., Pacif S.K.J., Sahoo P.K., Singh G.P.; "LRS Bianchi type-I cosmological model with constant deceleration parameter in $f(R, T)$ gravity" *International Journal of Geometric Methods in Modern Physics*, 14 (11)
113. Ghosh D.; "Newton method to obtain efficient solutions of the optimization problems with interval-valued objective functions" *Journal of Applied Mathematics and Computing*, 53, 709 - 731
114. Kishore Kumar N., Schneider J.; "Literature survey on low rank approximation of matrices" *Linear and Multilinear Algebra*, 65 (11), 2212-2244
115. Lopez D., Manogaran G., Jagan Mohan J.; "Modelling the H1N1 influenza using mathematical and neural network approaches" *Biomedical Research (India)* 28 (8), 3711-3715
116. Mishra B., Ray P.P., Pacif S.K.J.; "Dark energy cosmological models with general forms of scale factor" *European Physical Journal Plus*, 132 (10)
117. Mishra B., Sahoo P.K., Ray P.P.; "Accelerating dark energy cosmological model in two fluids with hybrid scale factor" *International Journal of Geometric Methods in Modern Physics*, 14(9)
118. Mishra B., Tarai S., Pacif S.K.J.; "Dynamics of Bianchi V universe with bulk viscous fluid in modified gravity" *International Journal of Geometric Methods in Modern Physics*
119. Mishra B., Vadrevu S.; "Cylindrically symmetric cosmological model of the universe in modified gravity" *Astrophysics and Space Science*, 362 (2)
120. Moraes P.H.R.S., Sahoo P.K.; "Modeling wormholes in $f(R, T)$ gravity" *Physical Review D* 96 4
121. Moraes P.H.R.S., Sahoo P.K.; "The simplest non-minimal matter-geometry coupling in the $f(R, T)$ cosmology" *European Physical Journal C*, 77 (7)
122. Nemili A., Özkaya E., Gauger N.R., Kramer F., Thiele F.; "Accurate discrete adjoint approach for optimal active separation control" *AIAA Journal*, 55 (9), 3016-3026
123. Rao P.R.S., Venkata Ratnam K., Lalitha P., Satpathi D.K.; "Global dynamics of a cooperative and supportive network system with subnetwork deactivation" *Nonlinear Dynamics and Systems Theory*, 17 (2), 205-216
124. Sahoo P.K.; "Kaluza-Klein universe filled with wet dark fluid in $f(R; T)$ theory of gravity" *Acta Physica Polonica B, Proceedings Supplement*, 10 (2), 369-372
125. Sahoo P.K., Nath A., Sahu S.K.; "Bianchi type-III string cosmological model with bulk viscous fluid in Lyra geometry" *Iranian Journal of Science and Technology, Transaction A: Science*, 41 (1), 243-248
126. Sahoo P.K., Sahoo P., Bishi B.K.; "Anisotropic cosmological models in $f(R, T)$ gravity with variable deceleration parameter" *International Journal of Geometric Methods in Modern Physics*, 14 (6)
127. Sahoo P.K., Sahoo P., Bishi B.K., Aygün S.; "Magnetized strange quark model with Big Rip singularity in $f(R, T)$ gravity" *Modern Physics Letters A*, 32 (21)
128. Sahu S.K., Tripathy S.K., Sahoo P.K., Nath A.; "Cosmic transit and anisotropic models in $f(R, T)$ gravity" *Chinese Journal of Physics*, 55 (3), 862-869
129. Tripathy S.K., Mishra B., Sahoo P.K.; "Two fluid anisotropic dark energy models in a scale invariant theory" *European Physical Journal Plus* , 132 (9)

130. Al-Aifan B., Parameshwaran R., Mehta K., Karunakaran R.; "Performance evaluation of a combined variable refrigerant volume and cool thermal energy storage system for air conditioning applications" *International Journal of Refrigeration*, 76, 271-295
131. Athale M., Gupta A.K., Singh S.K., Vaidyanathan A.; "Analytical and finite element simulation studies on earing profile of Ti-6Al-4V deep drawn cups at elevated temperatures" *International Journal of Material Forming*, 1-12
132. Datta S.P., Das P.K.; "Performance of an automotive air conditioning system with the variation of state-of-charge of the storage battery" *International Journal of Refrigeration*, 75, 104-116
133. Gantasala K.C., Kotkunde N.; "Theoretical and finite element investigation of inter-laminar stresses for laminated composite beam" *Materials Today: Proceedings*, 4 (8), 7731-7740
134. Hargreaves A., Cheng V., Deshmukh S., Leach M., Steemers K.; "Forecasting how residential urban form affects the regional carbon savings and costs of retrofitting and decentralized energy supply" *Applied Energy*, 186, 549-561
135. Hussain N.N., Regalla S.P., Rao Y.V.D.; "Comparative Study of Trigger Configuration for Enhancement of Crashworthiness of Automobile Crash Box Subjected to Axial Impact Loading" *Procedia Engineering*, 173, 1390-1398
136. Hussain N.N., Regalla S.P., Rao Yendhuri V.D.; "Numerical investigation into the effect of various trigger configurations on crashworthiness of GFRP crash boxes made of different types of cross sections" *International Journal of Crashworthiness*, 22 (5), 565-581
137. Ingle S., Tilakpure N., Narayanamurthy V., Hussaini S.M.; "Analysis of CFRP Flight Interface Brackets under Shock Loads" *Materials Today: Proceedings*, 4 (2), 2492-2500
138. Jariwala S., Phul S., Nagpal R., Goel S., Krishnamurthy B.; "Modeling the performance of enzymatic glucose fuel cells" *Journal of Electroanalytical Chemistry*, 801, 354-359
139. Jasti N.V.K., Kurra S.; "An empirical investigation on lean supply chain management frameworks in Indian manufacturing industry" *International Journal of Productivity and Performance Management*, 66 (6), 699-723
140. Jaya Krishna D., Kochar S.; "The Metallographic Study of Corrosion of Metals with Latent Heat Storage Materials Suitable for Solar Hot Water System" *Transactions of the Indian Ceramic Society* 76 (2), 133-141
141. Josyula S.K., Narala S.K.R.; "Machinability enhancement of stir cast Al-TiCp composites under cryogenic condition" *Materials and Manufacturing Processes*, 32 (15), 1764-1774
142. Josyula S.K., Narala S.K.R.; "Performance enhancement of cryogenic machining and its effect on tool wear during turning of Al-TiCp composites" *Machining Science and Technology*, 1 24
143. Kotkunde N., Gupta A.K., Paresi P.R., Singh S.K.; "Experimental and Finite Element Studies of Stretch Forming Process for Ti-6Al-4V Alloy at Elevated Temperature" *Materials Today: Proceedings*, 4 (4), 5266-5273
144. Kotkunde N., Krishna G., Shenoy S.K., Gupta A.K., Singh S.K.; "Experimental and theoretical investigation of forming limit diagram for Ti-6Al-4 V alloy at warm condition" *International Journal of Material Forming*, 10 (2), 255-266
145. Limbadri K., Krishnamurthy H.N., Maruthi Ram A., Saibaba N., Kutumba Rao V.V., Murthy J.N., Gupta A.K., Singh S.K.; "Development of Johnson Cook Model for Zircaloy-4 with Low Oxygen Content" *Materials Today: Proceedings*, 4 (2), 966-974
146. Marques A., Narala S.K.R., Machado A.R., Gunda R.K., Josyula S.K., Da Silva R.B., Da Silva M.B.; "Performance assessment of MQL: Minimum quantity solid lubricant during turning of Inconel 718" *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, 231 (7), 1144-1159
147. Mohanty S., Regalla S.P., Daseswara Rao Y.V.; "Tool Path Planning for manufacturing of Asymmetric parts by incremental sheet metal forming by means of Robotic manipulator" *Materials Today: Proceedings*, 4 (2), 811-819
148. Moldgy A., Parameshwaran R.; "Solar thermal energy storage for heating applications - A review" *International Conference on 21st Century Energy Needs - Materials, Systems and Applications, ICTFCEN 2016*
149. Nasir Hussain N., Prakash Regalla S., Daseswara Rao Y.V.; "Low velocity Impact Characterization of Glass Fiber Reinforced Plastics for Application of Crash Box" *Materials Today: Proceedings*, 4 (2), 3252-3262
150. Nune M.M.R., Chaganti P.K.; "Experimental Investigation on Turning of Turbine Blade Material AISI 410 under Minimum Quantity Cutting Fluid" *Materials Today: Proceedings*, 4 (2), 1057-1064
151. Pratoori R., Maddukuri T.S., Sannidhi A.K., Singh Y.P., Gundepudi B., Gupta A.K.; "Tensile Testing of Ultra-Fine Grained Extra Deep Drawing Steel Sheets" *Materials Today: Proceedings*, 4 (2), 590-595
152. Reddy T.J., Rao Y.V.D., Narayanamurthy V.; "Thin-walled structural configurations for enhanced crashworthiness" *International Journal of Crashworthiness*, 1, 17

153. Reddy T.J., Rao Y.V.D., Narayanamurthy V.; "Analysis of Structural Configurations for Assessment of Crashworthiness" *Procedia Engineering*, 173, 1357-1364
154. Singh S.K., Pratoori R., Paresi P.R., Kotkunde N., Gupta A.K.; "Experimental and Finite Element Studies of Redrawing for ASS 316 at Elevated Temperatures" *Materials Today: Proceedings*, 4 (4), 5274-5281
155. Srinivasu C., Singh S.K., Jella G., Jayahari L., Kotkunde N.; "Study of Limiting Dome Height and Temperature Distribution in Warm Forming of ASS304 Using Finite Element Analysis" *Materials Today: Proceedings*, 4 (2), 957-965
156. Suresh Kumar K.R., Parameshwaran R., Kalaiselvam S.; "Preparation and characterization of hybrid nanocomposite embedded organic methyl ester as phase change material" *Solar Energy Materials and Solar Cells*, 171, 148-160
157. Suresh V.V.N.S., Regalla S.P., Gupta A.K.; "Combined effect of thickness ratio and selective heating on weld line movement in stamped tailor-welded blanks" *Materials and Manufacturing Processes*, 32 (12), 1363-1367
158. Toshniwal K., Pareddy S., Kotkunde N., Gupta A.K.; "Numerical Investigation on Stress based Forming Limit Diagram for Ti-6Al-4V Alloy" *Materials Today: Proceedings*, 4 (8), 8096 8103
159. Vivekh P., Sudhakar M., Srinivas M., Vishwanthkumar V.; "Desalination technology selection using multi-criteria evaluation: TOPSIS and PROMETHEE-2" *International Journal of Low-Carbon Technologies*, 12 (1), 24-35
160. Das M., Agrawal A., Sonone A., Gupta R., Upadhyay D., Rao Y.V.D., Javed A.; "Developing a bioinspired pole climbing robot" *Proceedings of 2016 International Conference on Robotics: Current Trends and Future Challenges (RCTFC)*
161. Baydar E., Gündüz M.G., Krishna V.S., Şimşek R., Sriram D., Yıldırım S.Ö., Butcher R.J., Şafak C.; "Synthesis, crystal structure and antimycobacterial activities of 4-indolyl-1,4-dihydropyridine derivatives possessing various ester groups" *Research on Chemical Intermediates*, 43 (12), 7471-7489
162. Bhatnagar S., Chawla S.R., Kulkarni O.P., Venuganti V.V.K.; "Zein Microneedles for Transcutaneous Vaccine Delivery: Fabrication, Characterization, and in Vivo Evaluation Using Ovalbumin as the Model Antigen" *ACS Omega*, 2 (4), 1321-1332
163. Bhatnagar S., Dave K., Venuganti V.V.K.; "Microneedles in the clinic" *Journal of Controlled Release*, 260, 164-182
164. Brasil E.M., Canavieira L.M., Cardoso É.T.C., Silva E.O., Lameira J., Nascimento J.L.M., Eifler-Lima V.L., Macchi B.M., Sriram D., Bernhardt P.V., Silva J.R.A., Williams C.M., Alves C.N.; "Inhibition of tyrosinase by 4H-chromene analogs: Synthesis, kinetic studies, and computational analysis" *Chemical Biology and Drug Design*, 90 (5), 804-810
165. Brunner K., Steiner E.M., Reshma R.S., Sriram D., Schnell R., Schneider G.; "Profiling of in vitro activities of urea-based inhibitors against cysteine synthases from *Mycobacterium tuberculosis*" *Bioorganic and Medicinal Chemistry Letters*, 27 (19), 4582-4587
166. Dave K., Krishna Venuganti V.V.; "Dendritic polymers for dermal drug delivery" *Therapeutic Delivery*, 8 (12), 1077-1096
167. Devarapu S.K., Lorenz G., Kulkarni O.P., Anders H.-J., Mulay S.R.; "Cellular and Molecular Mechanisms of Autoimmunity and Lupus Nephritis" *International Review of Cell and Molecular Biology*, 332, (43), 154
168. Devi M.L., Reddy P.L., Yogeewari P., Sriram D., Reddy T.V., Reddy B.V.S., Narender R.; "Design and synthesis of novel triazole linked pyrrole derivatives as potent *Mycobacterium tuberculosis* inhibitors" *Medicinal Chemistry Research*, 26 (11), 2985-2999
169. Dhandayutham S., Kannadhasan R., Murugesan S.; "Synthesis and antimicrobial evaluation of novel sulphur bridged 2-oxo-1,2,3,4-tetrahydropyrimidine derivatives" *Research Journal of Chemistry and Environment*, 21 (9), 21-30
170. Dhar A.; "The role of PKR as a potential target for treating cardiovascular diseases" *Current Cardiology Reviews*, 13 (1), 28-31
171. Dongamanti A., Aamate V.K., Devulapally M.G., Gundu S., Balabadra S., Manga V., Yogeewari P., Sriram D., Balasubramanian S.; "Bis-spirochromanones as potent inhibitors of *Mycobacterium tuberculosis*: synthesis and biological evaluation" *Molecular Diversity*, 21 (4), 999-1010
172. Jose A., Labala S., Venuganti V.V.K.; "Co-delivery of curcumin and STAT3 siRNA using deformable cationic liposomes to treat skin cancer" *Journal of Drug Targeting*, 25 (4), 330-341
173. Jose G., Suresha Kumara T.H., Sowmya H.B.V., Sriram D., Guru Row T.N., Hosamani A.A., More S.S., Janardhan B., Harish B.G., Telkar S., Ravikumar Y.S.; "Synthesis, molecular docking, antimycobacterial and antimicrobial evaluation of new pyrrolo[3,2-c]pyridine Mannich bases" *European Journal of Medicinal Chemistry*, 131, 275-288
174. Kalra J., Dhar A.; "Double-stranded RNA-dependent protein kinase signalling and paradigms of cardiometabolic syndrome" *Fundamental and Clinical Pharmacology*, 31 (3), 265-279

175. Kasturi S., Surarapu S., Bathoju C.C., Uppalanchi S., Dwivedi S., Perumal Y., Sigalapalli D.K., Babu B.N., Ethiraj K.S., Anireddy J.S.; "Synthesis, molecular modeling and biological evaluation of aza-flavanones as α -glucosidase inhibitors" *MedChemComm* 8 (8), 1618-1630
176. Keshari A.K., Singh A.K., Raj V., Rai A., Trivedi P., Ghosh B., Kumar U., Rawat A., Kumar D., Saha S.; "p-TSA-promoted syntheses of 5H-benzo[h]thiazolo[2,3-b]quinazoline and indeno[1,2-d]thiazolo[3,2-a]pyrimidine analogs: Molecular modeling and in vitro antitumor activity against hepatocellular carcinoma" *Drug Design, Development and Therapy*, 11, 1623-1642
177. Kulkarni P., Medishetti R., Nune N., Yellanki S., Sripuram V., Rao P., Sriram D., Saxena U., Oruganti S., Yogeewari P.; "Correlation of pharmacokinetics and brain penetration data of adult zebrafish with higher mammals including humans" *Journal of Pharmacological and Toxicological Methods*, 88, 147-152
178. Kulkarni P., Yellanki S., Medishetti R., Sriram D., Saxena U., Yogeewari P.; "Novel Zebrafish EAE model: A quick in vivo screen for multiple sclerosis" *Multiple Sclerosis and Related Disorders*, 11, 32-39
179. Kumari P., Jain S., Ghosh B., Zorin V., Biswas S.; "Polylactide-Based Block Copolymeric Micelles Loaded with Chlorin e6 for Photodynamic Therapy: In Vitro Evaluation in Monolayer and 3D Spheroid Models" *Molecular Pharmaceutics*, 14 (11), 3789-3800
180. Kumari P., Muddineti O.S., Rompicharla S.V.K., Ghanta P., Adithya K.B.B.N., Ghosh B., Biswas S.; "Cholesterol-conjugated poly(D, L-lactide)-based micelles as a nanocarrier system for effective delivery of curcumin in cancer therapy" *Drug Delivery*, 24 (1), 209-223
181. Kummari B., Polkam N., Ramesh P., Anantaraju H., Yogeewari P., Anireddy J.S., Guggilapu S.D., Babu B.N.; "Design and synthesis of 1,2,3-triazole-etodolac hybrids as potent anticancer molecules" *RSC Advances*, 7 (38), 23680-23686
182. Labala S., Jose A., Chawla S.R., Khan M.S., Bhatnagar S., Kulkarni O.P., Venuganti V.V.K.; "Effective melanoma cancer suppression by iontophoretic co-delivery of STAT3 siRNA and imatinib using gold nanoparticles" *International Journal of Pharmaceutics*, 525 (2), 407-417
183. Mandapalli P.K., Labala S., Jose A., Bhatnagar S., Janupally R., Sriram D., Venuganti V.V.K.; "Layer-by-Layer Thin Films for Co-Delivery of TGF- β siRNA and Epidermal Growth Factor to Improve Excisional Wound Healing" *AAPS PharmSciTech*, 18 (3), 809-820
184. Muddineti O.S., Ghosh B., Biswas S.; "Current trends in the use of vitamin E-based micellar nanocarriers for anticancer drug delivery" *Expert Opinion on Drug Delivery*, 14 (6), 715-726
185. Muddineti O.S., Kumari P., Ghosh B., Torchilin V.P., Biswas S.; "D- α -Tocopheryl Succinate/Phosphatidyl Ethanolamine Conjugated Amphiphilic Polymer-Based Nanomicellar System for the Efficient Delivery of Curcumin and to Overcome Multiple Drug Resistance in Cancer" *ACS Applied Materials and Interfaces*, 9 (20), 16778-16792
186. Muddineti O.S., Kumari P., Ray E., Ghosh B., Biswas S.; "Curcumin-loaded chitosan-cholesterol micelles: Evaluation in monolayers and 3D cancer spheroid model" *Nanomedicine*, 12 (12), 1435-1453
187. Rao P.C., Begum S., Sahai M., Sriram D.S.; "Coptisine-induced cell cycle arrest at G2/M phase and reactive oxygen species-dependent mitochondria-mediated apoptosis in non-small-cell lung cancer A549 cells" *Tumor Biology*, 39 (3)
188. Ravi P.R., Vats R.; "Comparative pharmacokinetic evaluation of lopinavir and lopinavir-loaded solid lipid nanoparticles in hepatic impaired rat model" *Journal of Pharmacy and Pharmacology*, 69 (7), 823-833
189. Reshma R.S., Jeankumar V.U., Kapoor N., Saxena S., Bobesh K.A., Vachaspathy A.R., Kolattukudy P.E., Sriram D.; "Mycobacterium tuberculosis lysine- ϵ -aminotransferase a potential target in dormancy: Benzothiazole based inhibitors" *Bioorganic and Medicinal Chemistry*, 25 (10), 2761-2771
190. Rompicharla S.V.K., Bhatt H., Shah A., Komanduri N., Vijayasarathy D., Ghosh B., Biswas S.; "Formulation optimization, characterization, and evaluation of in vitro cytotoxic potential of curcumin loaded solid lipid nanoparticles for improved anticancer activity" *Chemistry and Physics of Lipids*, 208, 10-18
191. Rompicharla S.V.K., Trivedi P., Kumari P., Ghanta P., Ghosh B., Biswas S.; "Polymeric micelles of suberoylanilide hydroxamic acid to enhance the anticancer potential in vitro and in vivo" *Nanomedicine*, 12 (1), 43-58
192. Sajja Y., Vanguru S., Vulupala H.R., Bantu R., Yogeswari P., Sriram D., Nagarapu L.; "Design, synthesis and in vitro anti-tuberculosis activity of benzo[6,7]cyclohepta[1,2-b]pyridine-1,2,3-triazole derivatives" *Bioorganic and Medicinal Chemistry Letters*, 27 (23), 5119-5121
193. Sajja Y., Vanguru S., Vulupala H.R., Nagarapu L., Perumal Y., Sriram D., Nanubolu J.B.; "Design, synthesis, and in vitro antituberculosis activity of benzo[6,7]cyclohepta[1,2-b]pyridine-1,3,4-oxadiazole derivatives" *Chemical Biology and Drug Design*, 90 (4), 496-500
194. Salve P.S., Alegaon S.G., Sriram D.; "Three-component, one-pot synthesis of anthranilamide Schiff bases bearing 4-aminoquinoline moiety as Mycobacterium tuberculosis gyrase inhibitors" *Bioorganic and Medicinal Chemistry Letters*, 27 (8), 1859-1866

195. Saxena S., Abdullah M., Sriram D., Guruprasad L.; "Discovery of novel inhibitors of Mycobacterium tuberculosis MurG: homology modelling, structure based pharmacophore, molecular docking, and molecular dynamics simulations" *Journal of Biomolecular Structure and Dynamics*, 1-15
196. Shailender J., Ravi P.R., Saha P., Dalvi A., Myneni S.; "Tenofovir disoproxil fumarate loaded PLGA nanoparticles for enhanced oral absorption: Effect of experimental variables and in vitro, ex vivo and in vivo evaluation" *Colloids and Surfaces B: Biointerfaces*, 158, 610-619
197. Shailender J., Ravi P.R., Saha P., Myneni S.; "Oral pharmacokinetic interaction of ester rich fruit juices and pharmaceutical excipients with tenofovir disoproxil fumarate in male Wistar rats" *Xenobiotica*, 47 (12), 1104-1111
198. Udumula M.P., Babu M.S., Bhat A., Dhar I., Sriram D., Dhar A.; "High glucose impairs insulin signaling via activation of PKR pathway in L6 muscle cells" *Biochemical and Biophysical Research Communications*, 486 (3), 645-651
199. Vidyacharan S., Adhikari C., Krishna V.S., Reshma R.S., Sriram D., Sharada D.S.; "A robust synthesis of functionalized 2H-indazoles via solid state melt reaction (SSMR) and their anti-tubercular activity" *Bioorganic and Medicinal Chemistry Letters*, 27 (7), 1593-1597
200. Weidenbusch M., Kulkarni O.P., Anders H.-J.; "The innate immune system in human systemic lupus erythematosus" *Clinical Science*, 131 (8), 625-634
201. De R., Tripathi S., Naidu S.C., Prathap C., Tripathi J., Singh J., Haque S.M., Rao K.D., Sahoo N.K.; "Investigation on optical properties of spin coated TiO₂/Co composite thin films" *AIP Conference Proceedings*, 1832
202. Jayamurugan P., Mariappan R., Premnazeer K., Ashokan S., Subba Rao Y.V., Seshagiri Rao N.V.S.S., Shanmugapriya C.; "Investigation of Annealing Temperature on Structural and Morphological Properties of Cr₂O₃ Nanoparticles for Humidity Sensor Application" *Sensing and Imaging*, 18, 1
203. Julius, Mahale G., Sumana T., Adityakrishna C.S.; "On the modeling of error functions as high dimensional landscapes for weight initialization in learning networks" *Proceedings - 2016 16th International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, SAMOS 2016*, 202-210
204. Mohammed Arif P., Sarathchandran C., Narayanan A., Saiter A., Terzano R., Allegretta I., Porfido C., Kalarikkal N., Thomas S.; "Multiwalled carbon nanotube promotes crystallisation while preserving co-continuous phase morphology of polycarbonate/polypropylene blend" *Polymer Testing*, 64, 1-11
205. Seshagiri Rao N.V.S.S., Murthy V.S.N.; "Comparative Study of Magnetization Reversal Process Between Elliptical and Rectangular CoFe Nanomagnets" *Transactions of the Indian Institute of Metals*, 70 (3), 567-572
206. Varalakshmi C., Nigam R.; "Corrections to halo model in presence of primordial magnetic field" *Astrophysics and Space Science*, 362, 1
207. Shraavan S., Challagulla S., Banerjee S., Roy S.; "Unusual photoluminescence of Cu-ZnO and its correlation with photocatalytic reduction of Cr(VI)" *Bulletin of Materials Science*, 40 (7), 1415-1420
208. Aneja G., Yegnanarayana B.; "Extraction of fundamental frequency from degraded speech using temporal envelopes at high SNR frequencies" *IEEE/ACM Transactions on Audio Speech and Language Processing*, 25 (4), 829-838
209. Bhavitha K.B., Nair A.K., Perumbilavil S., Joseph S., Kala M.S., Saha A., Narayanan R.A., Hameed N., Thomas S., Oluwafemi O.S., Kalarikkal N.; "Investigating solvent effects on aggregation behaviour, linear and nonlinear optical properties of silver nanoclusters" *Optical Materials*, 73, 695-705
210. Gaikov G., Jeong S., Agaradahalli V.G., Park I.H., Budtz-Jørgensen C., Castro-Tirado A.J., Chen P., Jeong H.M., Kim J.E., Kim M.B., Kim S.W., Lee J., Leonov V., Nam J.W., Panasyuk M.I., Petrov V., Reglero V., Ripa J., Svertilov S.I., Tumarina M., Yashin I.; "Slewing mirror telescope of the UFFO-pathfinder: first report on performance in space" *Optics Express*, 25 (23), 29143-29154
211. George J., Kalyana Rama J.S., Siva Kumar M.V.N., Vasana A.; "Behavior of Plain Concrete Beam subjected to Three Point Bending using Concrete Damaged Plasticity (CDP) Model" *Materials Today: Proceedings*, 4 (9), 9742-9746
212. Gopinath A., Bahurudeen A., Ramesh A., Kumar N.; "Need of an efficient particle size analysis and its influence on properties of concrete" *Indian Concrete Journal*, 91 (12), 51-68
213. Kumar R.; "Different Approaches to Identify the Poor: Do They converge?" *Social Indicators Research*, 1-22
214. Kumar Suluguru A., Jayatheja M., Kar A., GuhaRay A., Surana S.R., James N.; "Experimental studies on the microstructural, physical and chemical characteristics of building derived materials to assess their suitability in ground improvement" *Construction and Building Materials*, 156, 921-932
215. Lakshmi S., Manohar P., Natarajan K., Naga Sayanu P.; "Design, fabrication, characterization of micromachined capacitive shunt switches with low actuation voltages and low temperature packaging" *Microsystem Technologies*, 23 (10), 4509-4522

216. Lenka S.S., Char P., Banik S.; "Critical mass, moment of inertia and universal relations of rapidly rotating neutron stars with exotic matter" *International Journal of Modern Physics D*, 26 (11)
217. Nimbhorkar P., Arvind Rameshwar A.; "Dynamic rank-maximal matchings" *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* 10392 LNCS, 433-444
218. Priya T.H., Parimi A.M.; "Design of adaptive perturb and observe-fuzzy MPPT controller for high voltage gain multilevel boost converter" *IEEE 7th Power India International Conference, PIICON 2016*
219. Tiwari S., Tiwari V.; "Bluetooth worm propagation in mobile networks" *Proceedings - 2016 International Conference on Micro-Electronics and Telecommunication Engineering, ICMETE 2016*, 235-239
220. Balavignesh V.N., Balasubramaniam B., Kotkunde N.; "Numerical investigations of fracture parameters for a cracked hydraulic cylinder barrel and its redesign" *Materials Today: Proceedings*, 4 (2), 927-936
221. Ahmed A., Jyothi N., Ramesh A.; "Improved ammonium removal from industrial wastewater through systematic adaptation of wild type *Chlorella pyrenoidosa*" *Water Science and Technology*, 75 (1), 182-188
222. Adimulam M.K., Divya A., Tejaswi K., Srinivas M.B.; "A low power, low noise Programmable Analog Front End (PAFE) for biopotential measurements" *Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS*, 3844-3847
223. Adimulam M.K., Movva K.K., Kolluru K., Srinivas M.B.; "A 0.32 μw , 76.8 dB SNDR Programmable Gain Instrumentation Amplifier for Bio-Potential Signal Processing Applications" *Proceedings of IEEE Computer Society Annual Symposium on VLSI, ISVLSI*, 655-660
224. Adimulam M.K., Srinivas M.B.; "Modeling of EXG (ECG, EMG and EEG) non-idealities using MATLAB" *Proceedings - 2016 9th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2016*, 1584-1589
225. Abdu-Allah H.H.M., Youssif B.G.M., Abdelrahman M.H., Abdel-Hamid M.K., Reshma R.S., Yogeewari P., Aboul-Fadl T., Sriram D.; "Synthesis and anti-mycobacterial activity of 4-(4-phenyl-1H-1,2,3-triazol-1-yl)salicylhydrazones: revitalizing an old drug" *Archives of Pharmacal Research*, 40 (2), 168-179
226. Pandey M.M., Charde S.Y., Jaipal A., Raut P.P., Goel P., Kumar L.; "Development and validation of a simple high-performance liquid chromatography method for estimation of felodipine in rabbit plasma: Application to pharmacokinetic study" *Current Pharmaceutical Analysis*, 13 (4), 321-327
227. Saini H.K., Nandwana N.K., Dhiman S., Rangan K., Kumar A.; "Sequential Copper-Catalyzed Sonogashira Coupling, Hydroamination and Palladium-Catalyzed Intramolecular Direct Arylation: Synthesis of Azepino-Fused Isoindolinones" *European Journal of Organic Chemistry*, 7 48, 7277-7282

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1. Bidkar A.P., Sanpui P., Ghosh S.S.; "Efficient induction of apoptosis in cancer cells by paclitaxel-loaded selenium nanoparticles", *Nanomedicine*, 12, (21) 2641-2652
2. Urolagin S., "Text Mining of Tweet for Sentiment Classification and Association with Stock Prices 2017" *International Conference on Computer and Applications, ICCA 2017*, 384-388
3. Rao R.V., More K.C.; "Optimal design and analysis of mechanical draft cooling tower using improved Jaya algorithm" *International Journal of Refrigeration*, 82, 312-324
4. Biswal S., Prasanth A., Udayakumar R., Deva S., Gupta A.; "Design of a suspension system and determining suspension parameters of a medium downforce small Formula type car" *MATEC Web of Conferences*, 124
5. Biswal S., Prasanth A., Udayakumar R., Sankaram M.N., Patel D.; "Design of steering system for a small Formula type vehicle using tire data and slip angles" *MATEC Web of Conferences*, 124
6. Rao R.V., Saroj A., Ocloñ P., Taler J., Taler D.; "Single- and Multi-Objective Design Optimization of Plate-Fin Heat Exchangers Using Jaya Algorithm" *Heat Transfer Engineering*, 1-16
7. Kesavamoorthi R., Kumar R.R., Raja C.R.; "Synthesis and Characterization of Sol-Gel Auto Combustion-Derived Ce/Zr-Substituted Strontium Hexaferrite Nanoparticles" *Journal of Superconductivity and Novel Magnetism*, 1-6
8. Gaidhane V.H., Hote Y.V., Singh V.; "An efficient similarity measure approach for PCB surface defect detection" *Pattern Analysis and Applications*, 1-13
9. Singh A.P., Chakrabarti S., Kumar S., Singh A.; "Assessment of air quality in Haora River basin using fuzzy multiple-attribute decision making techniques" *Environmental Monitoring and Assessment*, 189, 8
10. Rajendran S., Lourde R.M.; "Ab-initio study on FinFETs and their application in IoT aided robotics" *Proceedings - 2016 6th International Symposium on Embedded Computing and System Design, ISED 2016*, 38-42

11. Bibina V.C., Chakraborty U., Lourde M.R., Kumar A.; "ime-frequency methods for diagnosing Alzheimer's disease using EEG – A technical review" ACM International Conference Proceeding Series Part F 130950, 49-54
12. Kalimullah I.Q., Desikan A., Kalaichelvi V.; "Analysis of a proposed algorithm for point to point control of a 3 DOF robot manipulator" 3rd International Conference on Control, Automation and Robotics, ICCAR 2017, 289-292
13. Iyengar M., Sarkar A., Singh S., "A Collaborative Filtering based model for recommending graduate schools" 7th International Conference on Modeling, Simulation, and Applied Optimization, ICMSAO 2017
14. Kalimullah I.Q., Shamroukh M., Sahar N., Shetty S.; "Autonomous Hybrid Priority Queueing for Scheduling Residential Energy Demands" IOP Conference Series: Materials Science and Engineering, 199, 1
15. Kannan M., Li J., Fritz S.E., Husarek K.E., Sanford J.C., Sullivan T.L., Tiwary P.K., An W., Boeke J.D., Symer D.E.; "Dynamic silencing of somatic L1 retrotransposon insertions reflects the developmental and cellular contexts of their genomic integration" Mobile DNA, 8, (1), 1-19
16. Ghosh Chaudhuri R.; "Metal/semiconductor core/shell nanostructures for environmental remediation" Metal Semiconductor Core-shell Nanostructures for Energy and Environmental Applications, 79-98
17. Rao R.V., More K.C., Coelho L.S., Mariani V.C.; "Multi-objective optimization of the Stirling heat engine through self-adaptive Jaya algorithm" Journal of Renewable and Sustainable Energy, 9, 3
18. Datta T.K.; "Inventory system with defective products and investment opportunity for reducing defective proportion" Operational Research, 17(1), 297-312
19. Samuel F., Bhavani R.G.; "GPS based system for detection and control of maritime boundary intruding boats" Midwest Symposium on Circuits and Systems
20. Fernandes L.A., Bhavani R.G.; "Comparative performance evaluation and assessment of organic light emitting diodes and light emitting diodes" Midwest Symposium on Circuits and Systems
21. Mary L.R., Sinha S., Sarma T.V.C. ; "An efficient method of RFI and clutter removal in wind profiler spectra" Midwest Symposium on Circuits and Systems
22. Khan S.A., Shehu Y., Chen J.W.; "Gap functions and existence of solution of simultaneous equilibrium problems" Afrika Matematika, 28, 249-261
23. Sinha S., Chandrasekhar Sarma T.V., Lourde M.R.; "Doppler Feature Based Classification of Wind Profiler Data" Journal of Physics: Conference Series, 787, 1
24. Sinha S., Sarma T.V.C., Regeena M.L.; "Estimation of Doppler Profile Using Multiparameter Cost Function Method" IEEE Transactions on Geoscience and Remote Sensing, 55(2), 932-942
25. Syed A., Lourde R.M.; "Hardware security threats to DSP applications in an IoT network" Proceedings - 2016 IEEE International Symposium on Nanoelectronic and Information Systems, iNIS 2016, 62- 66
26. Chalill S.M., Periasamy C., Nandakumar P., Karthikeyan R.; "Interpretation and analysis about energy savings in commercial green houses using custom -made shadenets as well as thermal reflective screens" ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE), 6
27. Nair L.R., Shetty S.D., Shetty S.D.; "Streaming big data analysis for real-time sentiment based targeted advertising" International Journal of Electrical and Computer Engineering, 7(1), 402-407
28. Arivarasi A., Kumar A.; "Layering of copper-ink using 3D printing & characterization" WSEAS Transactions on Environment and Development, 13, 394-400
29. Bhatia V., Kalaichelvi V., Karthikeyan R.; "Comparison of GA tuned fuzzy logic and NARMA-I2 controllers for motion control in 5-DOF robot" International Journal of Computers and Applications, 39 (2), 69-78
30. Muniyappan S., Arivunithi V.M., Solaiyammal T., Sudhakar K., Roop Kumar R., Murugakoothan P.; "Synthesis, structural, optical, morphological and elemental characterization of CTAB capped CdS quantum dots by facile chemical precipitation technique" Springer Proceedings in Physics, 189, 341- 348
31. Farid M., Irfan S.S., Khan M.F., Khan S.A. ; "Strong convergence of gradient projection method for generalized equilibrium problem in a Banach space" Journal of Inequalities and Applications
32. Rajeswari S., Indhumathy M., Somasundaram A., Sood N., Arumugam S.; "Identification of salinity stress tolerant proteins in Sorghum bicolor computational approach" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 10398 LNCS, 318-325
33. Sarkar A., Gepperth A., Handmann U., Kopinski T.; "Dynamic hand gesture recognition for mobile systems using deep LSTM" Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10688 LNCS, 19-31
34. Rao A.S., Kareem Abdul W., D'souza N.; "Perceived outcomes of action learning: study from a large public sector organization in UAE" Measuring Business Excellence, 21 (4), 291-308

35. Varghese S.S., Swaminathan S., Singh K.K., Mittal V.; "Molecular oxygen adsorbed on gallium doped graphene: A first-principles study" *Materials Science Forum*, 890 MSF, 117-120
36. Divya Rashmi S.V., Arumugam S., Somasundaram A.; "Global secure domination in graphs" *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* 10398 LNCS, 50-54
37. Singh A.P., Vidyarthi A.K., Madan K., Singh A.; "Status of environmental pollution in Agra industrial cluster: An iepi approach" *Pollution Research*, 36 (3), 580- 589
38. Khurana S., Suzuki K., Rathakrishnan E.; "Visualization of vortex at aero-spike root using hydraulic analogy" *International Review of Aerospace Engineering* 10 (4); 189-195
39. Gerbaud V., Teles Dos Santos M., Pandya N., Aubry J.M.; "Computer aided framework for designing bio-based commodity molecules with enhanced properties" *Chemical Engineering Science*, 159, 177-193
40. Sinha S., R. M.L., Sarma T.V.C., Pillai J.S., Tuckley K.R.; "Spectral Feature-Based Classification of Wind Profiler Power Spectra" *IEEE Transactions on Geoscience and Remote Sensing*
41. Shirsat A.A., Nayak J.; "Visible light communication using MIMO channel to achieve better SNR at high bit rate" 8th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2017
42. Venkatesh V., Swarnalatha R.; "Review and simulation of memristors using MATLAB and PSpice" *Proceedings of the 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017*
43. Singhal N., Singhal N., Kalaichelvi V.; "Image classification using bag of visual words model with FAST and FREAK" *Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017*
44. Naranje V.G., Karthikeyan R., Nair V.; "Study of wear performance of deep drawing tooling" *IOP Conference Series: Materials Science and Engineering*, 244 (1).
45. Thapa A., Biswal S., Sood N., Ramchandran, Gokale T.; "Development of a biosensor using photobacterium Spps. for the detection of environmental pollutants" *BioSMART 2017 - Proceedings: 2nd International Conference on Bio-Engineering for Smart Technologies*.

Books/ Book chapters Published during 2017

Pilani campus

1. Neetu Yadav "Higher Education and Sustainable Development: An Exploratory Study of Indian Management Courses", In W. Leal Filho, U.M. Azeiteiro, F. Alves, P. Molthan-Hill (Eds.), Handbook of Theory and Practice of Sustainable Development in Higher Education, Volume 4, Springer, Berlin.
2. Bhat, A., and Dutta, N. 2018. Salient Role and Centrality of Trust in Social Media Marketing, in Bandyopadhyay, S. and Rishi, B. (Eds.), Contemporary Issues in Social Media Marketing, Routledge, 1st ed. ISBN: 978-11-38679-17-7
3. Tiwari, P.; Bhat, A. K. and Jyoti, Chapter entitled "Factors affecting Individual's Intention to Become a Social Entrepreneur", (accepted for publication) book titled Social Entrepreneurship and Sustainable Business Models in India edited by Anirudh Agarwal and Payal Kumar published by Palgrave Macmillan.
4. Yadav, N. and Tikoria, J. (2017), "Patanjali Ayurved Limited: A local player posing threat to multinationals", In Sahay, V. and Sarma, P.R.S. (Eds.), Select Management Cases, ET Cases, Mumbai (pp. 215-228) (Selected for publication in ET Editorial).
5. M.J. Oza, M.S. Garud, Gaikwad AB, Y.A. Kulkarni, "Fibromyalgia Syndrome: Role of Obesity and Nutrients, Nutrition and Functional Foods for Healthy Aging", Elsevier publication.
6. N.Sharma, Gaikwad AB, Y.A. Kulkarni, "Folic Acid in Pain: An Epigenetic Link. In: Nutritional Modulators of Pain in the Aging Population", Elsevier publication.
7. Y.A. Kulkarni, S.V. Suryavanshi, S.T. Auti, Gaikwad AB, "Capsicum: A Natural Pain Modulator. In: Nutritional Modulators of Pain in the Aging Population", Elsevier publication.
8. M.S. Garud, M.J. Oza, Gaikwad AB, Y.A. Kulkarni, "Natural Remedies for Treatment of Cancer Pain. In: Nutritional Modulators of Pain in the Aging Population", Elsevier publication.
9. Y.A. Kulkarni, M.S. Garud, M.J. Oza, Gaikwad AB, "Biomarkers of Multiple Sclerosis and Their Modulation by Natural Products. Nutrition and Lifestyle. In: Neurological Autoimmune Diseases: Multiple Sclerosis", Elsevier publication.
10. Gautam Singhvi, Saswata Banerjee, Archana Khosa, "Lyotropic Liquid Crystal Nanoparticles: A Novel Improved Lipidic Drug Delivery System", Elsevier publication.
11. Emil Joseph, Gautam Singhvi, Saswata Banerjee, "Nanoparticulate drug delivery systems for brain targeting", Apple Academic Press, Ontario, Canada.
12. Prof. Navneet Gupta co-authored a chapter of book "Nanomaterials and Their applications" published by Springer, Singapore. The title of chapter is "Electronic Behavior of Nanocrystalline Silicon Thin Film Transistor".
13. Yadav, R.S., Mahatma, M.K. Thirumalaisamy, P.P., Meena, H.N., Arora, S. and Panwar, J. 2017. Arbuscular mycorrhizal fungi (AMF) for sustainable soil and plant health in salt-affected soils. In: Bioremediation of Salt Affected Soils: An Indian Perspective, Arora, S. Singh, A.K. and Singh, Y.P. (Eds.), Springer International Publishing, Switzerland, pp. 133-156.
14. Meenakshi Raman and Sangeeta Sharma. 2017. Technical Communication-Principles and Practice For Gujarat technological University. 2nd Edition. OUP: New Delhi.
15. Sangwan, Devika et al. Eds. *Aurora: Creative Short Stories*. Delhi: Narendra Publishing House, 2017. ISBN: 978-93-86110-26-8.
16. Bhattacharya, Somdatta, Swarupa Deb, Hari Nair, Tanu Shukla, and Anupam Yadav. 2017. "Critical Perspectives on the National Policy on Education 2016". *Higher Education for the Future*. 4 (2): 129-146. <http://journals.sagepub.com/doi/10.1177/2347631117706261>
14. Gajendra Singh Chauhan. A Review Article in South Asian Journal of Management, Volume 24, No.1 on 'Intercultural Communication: The Indian Context' By Ramesh N Rao and Avinash Thombre, Sage Publication India Pvt. Ltd., New Delhi.
15. Piyush Raghav, and Amit Dua, "Security and Cryptography in Images and Video using Elliptic Curve Cryptography (ECC)," CRC Press, 2018. Taylor and Francis.
16. Lavika Goel, Lavanya B, Pallavi Panchal, "Hybridization of Biogeography-Based Optimization and Gravitational Search Algorithm for efficient Face Recognition", Advanced Metaheuristic Methods in Big Data Retrieval and Analytics, IGI Global publications, 2018. (Accepted)
17. Kumar K. (2017), "Basic Geotechnical Earthquake Engineering", 2nd Edition, New Age International Publishers.
18. Bahurudeen, A, Prasanta K. Sahu, and Nikhil Saboo, "Construction materials and technology", National Mission Project on Pedagogy (Main Phase), outcome based technical notes, 2017, Sponsored by IIT Kharagpur.

19. Muthukumar, Manoj Kumar, and S. B. Singh, "Structural Analysis-II, National Mission Project on Pedagogy (Main Phase), outcome based technical notes, 2017, Sponsored by IIT Kharagpur.
20. Sheth, P.N., S. Gupta and S. Kumar (2017). Energy Integration in Process Plants. In Sustainable Utilization of Natural Resources, Edited by Prasenjit Mondal and Ajay K. Dalai, CRC Press: 513-537.
21. "Cosmology and Astrophysics Using the Post-reionization HI" by Anjan Ananda Sen, Tapomoy Guha Sarkar in Science with the Square Kilometre Array: An Indian Perspective — A Special Issue of the Journal of Astrophysics and Astronomy
22. "The redshifted HI 21 cm signal from the post-reionization epoch: Cross-correlations with other cosmological probes" by Tapomoy Guha Sarkar et al. In Science with the Square Kilometre Array: An Indian Perspective — A Special Issue of the Journal of Astrophysics and Astronomy
23. "Sensing through Surface Plasmon Resonance Imaging" by Raj Kumar Gupta in *Reviews in Pasmonics 2016*, Editor: Chris D Geddes, ISBN: 978-3-319-48081-7, DOI:10.1007/978-3-319-48081-7_3
24. N V M Rao, Editor in Chief, Qualitative and Quantitative Economics Research (QQE 2017) Proceedings, Editor in Chief, GSTF Forum, Singapore, 2017.

Dubai Campus:

1. Natesa Prasad., Energy Security as a subset of National Goals, in Changing Global Economic Scenario-Strategies for Business Sustainability. Bloombury Publishers, India Pvt Ltd. New Delhi .Page 144,chapter /11. 2017/ ISBN:9789387471306
2. Rajib Ghosh Chaudhuri., Metal/semiconductor core/shell nanostructures for environmental remediation - Chapter in Metal Semiconductor Core-Shell Nanostructures for Energy and Environmental Applications - A volume in Micro and Nano Technologies, edited by Raju Kumar Gupta and Mrinmoy Mishra, Elsevier, May 2017, 79-98.
3. V. Naranje, S. Kumar., Knowledge based system for design of deep drawing die for axisymmetric parts, In AI Application in sheet metal forming, Springer Singapore, 93- 119 https://link.springer.com/chapter/10.1007/978-981-10-2251-7_5
4. Adhir Baran Chattopadhyay, and Sunil Thomas., "Investigations on Modeling Of Renewable Energy Phenomena Taking the Effect Of Non- Linearities into Account", Book (Chapter-4), Chapter in edited Book: Renewable Energy and Smart Grid Technology, Edited by V K Jain and S Y Kumar. Bloomsbury Publishing India Pvt Limited, February, 2017, ISBN: 978-93-86432-07-0.
5. Swati Varshney, Trayambak Basak, Mainak Dutta and Shantanu Sengupta, Chapter 4: Proteomics: Mass Spectrometry in Chemical Biology: Evolving Applications, Royal Society of Chemistry, <http://dx.doi.org/10.1039/9781788010399-00082> (2017), 82-143.
6. SV. Divyarashmi, A.Somasundaram and S. Arumugam., Global Secure Domination in Graphs, Springer Lecture Notes in Computer Science, Springer Lecture Notes in Computer Science. 50-54
7. S.Rajeswari,M.Indhumathy,A. Somasundaram, Neeru Sood and S. Arumugam., Identification of Salinity stress tolerant Proteins in *Sorghum bicolor* -Computational Approach, Lecture Notes in Computer Science (Springer). DOI 10.1007/978-3-319-64419-6_41(2017)10398, 318-325

K.K. Birla Goa Campus

1. Mechanisms of bacterial heavy metal resistance and homeostasis: an overview, In *Heavy Metals in the Environment: Microorganisms and Bioremediation*, Ed: Edgardo Donati, CRC Press, Taylor and Francis Group. (Accepted for Publication)
2. Saddhe, AAS, Kumar, K. and Dwivedi, P. (2017).Mechanism of ABA signaling in response to abiotic stress in plants. In Girdhar Pandey edit: Mechanism of plant hormone signaling under stress: A functional genomic frontier. ISBN-13:978-1118888926. Chapter 8.
3. Sunil Bhand and Geetesh K Mishra Chapter 18: Electrochemical Quartz Crystal Nanobalance (EQCN) Based Biosensor for Sensitive Detection of Antibiotic Residues in Milk: Book Title: Biosensors and Biodetection Book Subtitle: Methods and Protocols, Volume 2: Electrochemical, Bioelectronic, Piezoelectric, Cellular and Molecular Biosensors. Editors: Rasooly, Avraham, Prickril, Ben ISBN: 978-1-4939-6910-4, Springer Vienna, https://link.springer.com/protocol/10.1007/978-1-4939-6911-1_18
4. Triple Limbasiya and Debasis Das, Secure Smart Vehicle Cloud Computing System for Smart Cities, Cloud Computing for Optimization: Foundations, Applications, and Challenges, Studies in Big Data 39, DOI: doi.org/10.1007/978-3-319-73676-1_15, Chapter 15, pp. 1-24, 2017.
5. Harsha V and Debasis Das, Secure Opportunistic Routing for Vehicular Adhoc Networks, "Pattern Engineering System Development for Big Data Analytics", under the series of Advances in Data Mining & Database Management (ADMDM), ISSN: 2327-1981, IGI Global, US, Chapter 3, pp. 1-19, 2017.
6. Debasis Patnaik and Aalap Tripathy (2017). Developing a Dynamic Framework to test the relationships among Stock Market Returns, Production and Consumption in Finite Time- Ch13-pp144-165 in Book ed

- by V V N Somayajulu titled 'Developments and Contributions to Economic Theoretical Issues and to Inter Industry Economics Frameworks' pub by Himalaya Publishing House.
7. Published First Chapter 'Indigenous Knowledge Systems for Pro Poor Agriculture' in the Book 'Seeing Through the Spectacles of Sustainability' edited by Prof Kailas Bhavale and pub by Gokhale Institute Publishers.
 8. Bhand S., Bacher G. (2018) Impedimetric Sensors in Environmental Analysis: An Overview. Environmental, Chemical and Medical Sensors, Springer. doi.org/10.1007/978-981-10-7751-7_4 Published online on 23 Dec. 2017.
 9. Alex, Rayson, S. Susan Deborah, Reena Cheruvalath and Gyan Prakash. Eds. Ecocultural Ethics: Critical Essays. USA: Lexington, 2017. (ISBN 978-1-4985-3247-1).
 10. Amitendu Bhattacharya Ecology and Nationalism: Western Impact, Indian Response. New Delhi: Asia Book Club, 2017. [ISBN: 81-7851-096-0]
 11. Solano Da Silva (2017) with Kenneth Bo Nielson 'Golden or Green? Growth Infrastructures and Resistance in Goa', in Tereza Kuldova & Mathew Varghese, Urban Utopias: Excess and Expulsion in Neoliberal South Asia, Palgrave Macmillan, pgs. 53-73.
 12. Alex, Rayson K "Kaveri." Encyclopedia of Indian Religions. Ed. Sharma A. Dordrecht: Springer. (in Press) - Accepted for publication in 2017
 13. Alex, Rayson K "Appar." Encyclopedia of Indian Religions. Ed. Sharma A. Dordrecht: Springer. (in Press) - Accepted for publication in 2017
 14. Alex, Rayson K "Cilappatikaram." Encyclopedia of Indian Religions. Ed. Sharma A. Dordrecht: Springer. (in Press) - Accepted for publication in 2017
 15. Alex, Rayson K "Kutiyattam." Encyclopedia of Indian Religions. Ed. Sharma A. Dordrecht: Springer. (in Press) - Accepted for publication in 2017
 16. Parichay Patra "Escaping the DVD Dispositif: Abraham and the Historical Exhibition." Wondrous Screens: Indian Cinema and Exhibition Spaces. Ed. Madhuja Mukherjee and Kaushik Bhaumik. New Delhi: Routledge. Accepted for publication in 2017. Forthcoming.
 17. Parichay Patra "Raped, Mutilated and Murdered: Gendered Bodies from the Diaz Universe." Gendered Ways of Trans-national Un-belonging from a Comparative Literature Perspective. Ed. Indrani Mukherjee. Newcastle upon Tyne: Cambridge Scholars Publishing. Accepted for publication in 2017. Forthcoming.
 19. R. P. Pradhan "Asian; ASEAN & Indo-Japan Economic Engagement: A Neoclassicism Perspective", edited, Jamia Milia, New Delhi, forth coming
 20. R. P. Pradhan, Role of BRICS in World Politics, Kunal Books, Calcutta,
 21. Sachin D. Waigaonkar: Improvement of Acceptance Sampling Inspection for the Operation of Sealing Packages/ Advances in Manufacturing, Lecture Notes in Mechanical Engineering. Springer, Cham https://doi.org/10.1007/978-3-319-68619-6_81
 22. Sachin D. Waigaonkar: Organization of Visual Inspection and Its Impact on the Effectiveness of Inspection Advances in Manufacturing, Lecture Notes in Mechanical Engineering. Springer, Cham https://doi.org/10.1007/978-3-319-68619-6_87
 23. Harichandra Chandekar, Vikas Chauhdari Sachine Waigoankar and N N Ghosh, "Thermal and dynamic mechanical analysis of jute polypropylene composites" in book entitled Advanced Polymeric materials for Sustainability and Innovations published by Apple Academic Press, CRC press. Accepted: Published in forthcoming edition, 15th February 2018.
 24. Book Chapter published in Edited Book entitled "Decision Sciences for Business Sustainability" Palash Dhir and Varinder Singh,(2017) "Implementing Analytics in a Case of e-business", In: Digalwar A.K., Singh, A.K. and Singh R. (Eds) Decision Sciences for Business Sustainability , pp.303-310 . ISBN 978-93-86724-24-3

Hyderabad Campus

1. S. Dinda, Nikhil S. Reddy V., Appala Naidu U., S. Girish, Materials, Energy and Environment Engineering, Springer nature, 2017, ISBN: 978-981-10-2674-4.
2. Nadkarni, M. V., Sivanna, N., & Suresh, Lavanya., (2018). Decentralised Democracy: Gandhi's Vision and Indian Reality. New York: Routledge.
3. Suresh, Lavanya. (2017). Book Review of 'The great derangement: climate change and the unthinkable by Amitav Ghosh'. *Environmental Politics*, 26(6), 1158-1160. (Taylor & Francis) Available at: <http://dx.doi.org/10.1080/09644016.2017.1365808>
4. Mahapatra, Santosh. (2017). Book Review of "Learn English Teach English: English Skills for Teachers", FORTELL, Issue No. 34, January 2017.

List of Papers presented in various conference/ seminar by faculty members during 2017

Pilani Campus

1. Banerjee, P. & Bhanu Teja, Y. (2017). A neural network based attrition prediction model for a manufacturing plant, at 5th International Conference on Business, Analytics and Intelligence, 11-13 December, IIM Bangalore.
2. Chadha S (2017), "Corporate Governance and Capital Structure: A Panel Data Study", paper presented at International Conference on Research and Business Sustainability organized by IIT, Roorkee in December 16-17, 2017.
3. Chanda, Udayan and Goyal, Praveen (2017), "Optimal pricing strategies for two successive generations of consumer durables", Conference Proceedings of the 5th International Conference on Contemporary Marketing Issues (ICCM) 2017, pp. 505 - 514.
4. Chanda, Udayan and Kumar, Alok (2017), "Dynamic Adoption Rate and its Impact on Inventory Policy, Effect of Dynamic Potential Adoption on Inventory Policy of New Products" Proceedings of 2nd International Conference on Evidence Based Management, pp. 215 – 219.
5. Dhar S, Sharma S, Routroy S and Chadha S (2017), "Measuring the impact of socially responsible supply chains on firm performance" at Joint Indo-German Conference on Sustainable Engineering, BITS Pilani.
6. Divatia, A., Lakdawala, S. and Tikoria, J. (2017) Analysis of Maturity Models for Business Intelligence and Analytics, published in conference proceedings of 2nd International Conference on Evidence Based Management (ICEBM 2017) organized at, BITS Pilani on 17th - 18th March 2017, pp. 195 - 201.
7. Dutta, N, & Bhat, A. 2017. "Lip Service or Real Concern: Testing the Claim to Pay Premium for Green Products through an Experimental Research" in the 2017 Summer Marketing Educators' Conference (Summer AMA) organized by American Marketing Association at San Francisco, California, United States from Aug 4, 2017 to Aug 6, 2017 (ISSN: 1054-0806; ISBN: 0-87757-366-2), pp. D28-D32
8. Dutta, N., & Bhat, A. 2017. "Influence of Relational Characteristics of Social Network Sites on Intention to Pass-along Electronic Word of Mouth: Exploring the Role of Trust" in the 2017 Summer Marketing Educators' Conference (Summer AMA) organized by American Marketing Association at San Francisco, California, United States from Aug 4, 2017 to Aug 6, 2017 (ISSN: 1054-0806; ISBN: 0-87757-366-2), pp. F65-F66
9. Goyal Praveen (2017), "Sustainability Evidences from Hindu Philosophy", Proceedings of 2nd International Conference on Evidence Based Management, pp. 315-319
10. Goyal, Praveen and Chanda, Udayan (2017), "Impact of CSR on customer satisfaction and trust: A study of Indian Hotel Industry", Conference Proceedings of the 5th International Conference on Contemporary Marketing Issues (ICCM) 2017, pp. 377 - 383.
11. Goyal, Praveen and Kumar, Divesh Kumar (2017), "Fuzzy AHP model to prioritize barriers of CSR Implementation in Indian service industry", Joint Indo-German Conference on Sustainable Engineering, Sept. 15-16, 2017
12. Kumar Vinod Kumar, Goyal Praveen, Vandana and Garg Ruchi Jain (2017), "Stakeholder Classification: A Sustainability Marketing Perspective", Proceedings of 2nd International Conference on Evidence Based Management, pp. 111-115
13. Kumar, Alok and Chanda, Udayan (2017), "Effect of Dynamic Potential Adoption on Inventory Policy of New Products" Proceedings of 2nd International Conference on Evidence Based Management, pp. 210 - 214
14. Kumar, Alok and Chanda, Udayan (2017). "Optimal inventory policy under credit financing for dynamic marketing strategy" accepted for presentation at the 11th ISDSI International Conference to be held at the Indian Institute of Management (IIM) Tiruchirappalli, Tiruchirappalli, Tamil Nadu, India during December 28- 30, 2017.
15. Mahesh, J. & Bhat, Anil, 'Value Creation Framework for a Higher Educational Institution: A Case of a Reputed Technology University in India'. Paper presented at the 5th Biennial Conference of the Indian Academy of Management, held at Indian Institute of Management, Indore from December 18-20, 2017.
16. Mahesh, J. & Bhat, Anil, 'Convergence of Management Practices in India's IT Sector - The Mirage and Myopia of Managerial Perception'. Paper presented at the Inaugural Conference of Aston India Centre for Applied Research (AICAR), held at Aston University, Birmingham from September 15 -16, 2017.
17. Nagpal Gaurav, Matai Rajesh (2017). "Location of Trauma Centres in Haryana: A Crititcal Review of Current Landscape", Proceedings of the Second International Conference on Evidence Based Management (ICEBM 2017), March 17-18, BITS Pilani, India, pp. 274-279.
18. Neetu Yadav "Disruptive innovation at the bottom of the pyramid: What role is India Inc playing?", In Conference proceedings of National Conference on Managing Change in Evolving Economic Scenario, MDI, pp. 289-299. ISBN: 978-93-86238-37-5 Excellent Publishing House (Dec. 5-6, 2017).

19. Neetu Yadav, "Sustaining Competitive Edge of Indian Outsourcing IT-ITes Industry: A Systems Approach", In online Conference proceeding of 2nd Asia-Pacific Region System Dynamics Conference of the System Dynamics Society, National University of Singapore, Singapore, (19-22 Feb 2017).
20. Neetu Yadav, Role of Digital India in achieving Sustainable Development Goals: An Exploratory Study", Conference presentation at 5th PAN IIM World Management Conference at IIM Lucknow, India (Dec. 14-16, 2017)
21. Neetu Yadav, "Building Sustainable Enterprise: An Investigation of India's Top Conglomerate", In online Conference proceeding of International Conference on Strategies in Volatile and Uncertain Environment for Emerging Markets", Indian Institute of Technology Delhi, India, (14-15 Jul 2017).
22. Nikita Sharda, Anil. K. Bhat, P.K. Sinha. "A Study of antecedents of luxury consumption among young Indian luxury consumers" accepted for presentation in 7th IIMA Conference on Marketing in Emerging Economies in IIM Ahmedabad from 11th - 13th January, 2017
23. Rana ,Arunima, Anil Bhat,Rani, Leela "Interaction Effects of Sources of Online Brand Equity: An Investigation" has been selected to be presented at 7th IIM-A Conference on Marketing in Emerging Economies, 2017 to be held at IIM, Ahmedabad during 11th-13th January, 2017
24. Satyavageeswaran, P., Agariya, A. K. and Tikoria, J. (2017) Social Marketing and Engagement: A Systematic Review, published in conference proceedings of 2nd International Conference on Evidence Based Management (ICEBM 2017) organized at, BITS Pilani on 17th - 18th March 2017, pp. 99 - 104.
25. Sharma S and Chadha S (2017), "Risk Adjusted Landed Cost Model in Supply Chain" at International Conference on Research and Business Sustainability organized by IIT, Roorkee in December 16-17, 2017.
26. Sharma Satyendra Kumar, Singh Ravinder and Matai, Rajesh (2017). "Relationship between supply chain performance and firm performance", International Conference on Flexible System and Management organized by GLOGIFT and DTU, 11-13 Dec 2017.
27. Singh R, Sharma S, Matai R and Chadha S (2017), "Measuring Effect of Supply Chain Design on Firm Performance Using Bayesian Networks" at GLOGIFT 2017, DTU Delhi.
28. Singh Ravinder, Sharma Satyendra Kumar, Matai Rajesh (2017). "Barriers and Enablers of Strategic Sourcing Risk Management: A Perspective of Indian Automotive Industry", Proceedings of the Second International Conference on Evidence Based Management (ICEBM 2017), March 17-18, BITS Pilani, India, pp.236-244.
29. Singh, Munish Pal, Sharma, Satyendra Kumar and Chanda, Udayan (2017), " A Changing Scenario of Service Quality in Passenger Car Segment". Proceedings of 2nd International Conference on Evidence Based Management, pp. 132 - 136
30. Singh, S., Banerjee, P., David, R. & Mikkilineni, S. (2017). Moderating and mediating effect of psychological hardiness and perceived social support on the relationship between goal orientation and coping mechanism, at 4th International Conference on Human Resource Management, 11-12 November, IBS Hyderabad, IFHE University
31. Singhal, A., Agariya, A. K. and Tikoria, J. (2017) Service Quality Scales: Literature Review, published in conference proceedings of 2nd International Conference on Evidence Based Management (ICEBM 2017) organized at, BITS Pilani on 17th - 18th March 2017, pp. 84 - 90.
32. Tiwari, P.; Bhat, A. K. and Tikoria, J. (2017) "The effect of emotional intelligence, empathy and perceived social pressure on predicting social entrepreneurial intention" International Conference on Methodological Issues in Social Entrepreneurship Knowledge and Practice, on 18-20 January, 2017 at TISS Mumbai.
33. Tiwari, P.; Bhat, A. K. and Tikoria, J. (2017), "The Effect of Emotional Intelligence, Moral And Perceived Social Pressure On Predicting Social Entrepreneurial Intention: A Field Research", PAN IIM WMC 2017.
34. Unnikrishnan, P.M., Tikoria, J. and Agariya, A. K. (2017) A Review of Select Business Excellence Models, published in conference proceedings of 2nd International Conference on Evidence Based Management (ICEBM 2017) organized at, BITS Pilani on 17th - 18th March 2017, pp. 358 -365.
35. Yadav, N; Tikoria, J. and Dadhich, A. (2017) Building Sustainable Enterprise: An Investigation of India's Top Conglomerate, International Conference on Strategies in Volatile and Uncertain Environment for Emerging Markets, organized by IIT Delhi on 14th - 15th July, 2017.
36. Dr. Jayashree Mahesh participated in a Professional Development Workshop on Teaching effectiveness by Prof. Jyoti Bachani, Prof. Nagaraj Sivasubramaniam, Prof. Vasanthi Srinivasan, INDAM, Indian Institute of Management, Indore from December 19, 2017.
37. Dr. Jayashree Mahesh participated in a Professional Development Workshop Indian Insights: Integrating Individuals, Institutions & Innovations by Prof. Nagaraj Sivasubramaniam, Prof. Jyoti Bachani , INDAM, Indian Institute of Management, Indore from December 19, 2017, INDAM, Indian Institute of Management, Indore from December 20, 2017,
38. Dr. Jayashree Mahesh participated in the a Publication Workshop Prof. Pawan Budhwar (Editor-in-Chief, British Journal of Management) Prof. Peter Bamberger (Incoming Editor-in-Chief, Academy of Management Discoveries) Prof. Anoop Madhok (Schulich School of Business, Canada).

39. Dr. Jayashree Mahesh participated in the Workshop on Common Shortcomings in Manuscripts Submitted to Management Journals by Prof. Naresh Khatri, Prof. Arup Varma, Prof. Pawan Budhwar, INDAM, Indian Institute of Management, Indore from December 20, 2017.
40. Dr. Jayashree Mahesh participated in the Workshop on Management Research in India: Current State and Future Directions by Prof. Naresh Khatri, Prof. Arup Varma, Prof. Pawan Budhwar, INDAM, Indian Institute of Management, Indore from December 18, 2017.
41. Dr. Leela Rani, 1st Capability Building Workshop on Case Writing, organized by All Indian Management Association & in collaboration with The Case Centre, UK on 9th, 10th & 11th August 2017 at AIMA.
42. Dr. Neetu Yadav Participated in Workshop on "Agile Modeling with Sysdea", Organized at National University of Singapore, Facilitator: Kim Warren. (22 Feb 2017).
43. Dr. Neetu Yadav Participated in Workshop on "Introduction to Business Strategy using Management Game and Systems Modeling: Fishbanks", Organized at National University of Singapore, Organized by: Change Agent Inc. (22 Feb 2017).
44. Dr. Neetu Yadav Participated in 1st Capability building workshop on "Case Writing", Organized at All Indian Management Association, New Delhi, Organized by: Case Center, UK. (9-11 Aug 2017).
45. Dr. Pratyush Banerjee completed Certification program on Human Resource Analytics from Aon-Hewitt Learning Center in September 2017.
46. Dr. Praveen Goyal participated in a Special session in Chalkidki (24 - 25 June 2017) of the 5th International Conference on Contemporary Marketing Issues (ICCM) 2017, Thessaloniki, Greece
47. Dr. Saurabh Chadha participated "Teaching with Simulations Workshop", organized by SPJIMR Mumbai and Harvard Business Publishing, 27th October – 28th October 2017.
48. Dr. Udayan Chanda participated Special session in Chalkidki (24 - 25 June 2017) of the 5th International Conference on Contemporary Marketing Issues (ICCM) 2017, Thessaloniki, Greece
49. Surabhi Koul, Case teaching and writing workshop, conducted by IIM Lucknow (Noida Campus) and IVEY Publishing, Canada, on 5th September to 8th September, 2017.
50. Anubha Dadhich, Case teaching and writing workshop, conducted by IIM Lucknow (Noida Campus) and IVEY Publishing, Canada, on 5th September to 8th September, 2017.
51. Neetu Yadav, 1st Capability building workshop on "Case Writing", Organized at: All Indian Management Association, New Delhi (9-11 Aug 2017), Organized by Case Center, UK
52. Subhash Chander, Pankaj Bhateja, Sankaranarayanan Murugesan Structure based virtual screening studies on drug database for search of potent HIV-1 RT inhibitors 69th IPC-2017 Chitkara University, Rajpura, Punjab December 22-24
53. Subhash C, Barkha Bhagwani, Jaju M, Valentina Parthiban, Ilango Kaliappan, Baburaj Bhaskar, S Murugesan In-silico evaluation of 1-(5-(2-benzo(1,3)dioxol-5-yl)vinyl-4,5-dihydro-pyrazol-3-yl)piperidine derivatives as Arachidonate-12-lipoxygenase inhibitor International Conference on Nano and Functional Materials: Interface between Science and Engineering Department of Chemistry, BITS Pilani, Pilani Campus, Rajasthan November 16-18
54. Subhash Chander, Barkha Bhagwani, Jaju Mahesh, Sankaranarayanan Murugesan Paper entitled "Design, synthesis and anti-HIV-1 RT evaluation of Benzopiperidine based carbamates" presented at International Conference on Nano and Functional Materials: Interface between Science and Engineering International Conference on Nano and Functional Materials: Interface between Science and Engineering Department of Chemistry, BITS Pilani, Pilani Campus, Pilani-333031. Rajasthan November 16-18
55. Subhash Chander, Ping Wang, Penta Ashok, Liu-Meng Yang, Yong-Tang Zheng and Murugesan Sankaranarayanan Design, synthesis and anti-HIV-1 RT evaluation of 2-amino-1-(piperazin-1-yl)ethan-1-one based compounds National Conference on Emerging Trends in Computer Aided Drug Design & Drug Delivery School of Pharmacy & Emerging Sciences, Baddi University of Emerging Sciences & Technology, Baddi May 11
56. Subhash Chander, Ping Wang, Penta Ashok, Liu-Meng Yang, Yong-Tang Zheng and Murugesan Sankaranarayanan Design, synthesis and anti-HIV-1 RT evaluation of 2-amino-1-(piperazin-1-yl)ethan-1-one derivatives International Conference on Drug Design (ICDD-2017) Convention Center, JNU, New Delhi April 7-9
57. Bhagwani B, Jaju MB, Chander S, Chandra Sekhar KVG and Murugesan S In-silico evaluation of piperazin-1-yl(pyrazin-2-yl)methanone and (1,4-diazepan-1-yl)(pyrazin-2-yl)methanone based compounds as inhibitors of pantothenate synthetase National conference on Impact of Pharmaceutical Biotechnology on the future of medicine Geetanjali Institute of Pharmacy, Geetanjali University, Udaipur-313002. Rajasthan March 24-25
58. Chander S, Ashok P, Zheng Y T, Wang P and Murugesan S Design, synthesis and in-vitro evaluation of novel benzopiperidine carbamates as HIV-1 RT inhibitor International Conference on Challenges in Drug Discovery and Delivery (ICDD3-2017) Department of Pharmacy, BITS Pilani, Pilani Campus, Pilani-333031. Rajasthan March 2 - 4.

59. Jaju MB, Bhagwani B, Chander S and Murugesan S Search of potent anti-HIV-1 RT inhibitors via in-silico based drug repositioning approach International Conference on Challenges in Drug Discovery and Delivery (ICCD3-2017) Department of Pharmacy, BITS Pilani, Pilani Campus, Pilani-333031. Rajasthan March 2 - 4
60. Penta Ashok, Subhash Chander, Rafael Balaña Fouce, Larry M. C. Chow, Iris L. K. Wong, Sankaranarayanan Murugesan Synthesis and evaluation of β -carbonyl piperazine analogues as anti-leishmanial agent International Conference on Challenges in Drug Discovery and Delivery (ICCD3-2017) Department of Pharmacy, BITS Pilani, Pilani Campus, Pilani-333031. Rajasthan March 2 - 4
61. Murugesan Sankaranarayanan Workshop attended "3rd Workshop on Analytical Instruments for Chemical and Environmental Engineers (WAICEE-2017)" Department of Chemical Engineering, BITS, Pilani- Pilani Campus February 10-11
62. Subhash Chander, Penta Ashok, Bidart de Macedo Maira, Paul Cos, Davie Cappoen and Sankaranarayanan Murugesan Design, synthesis and anti-tubercular activity of novel tetrahydroquinoline based hydrazides 23rd ISCB International Conference (ISCBC- 2017), Interface of Chemical Biology in Drug Research Indian Society of Chemists and Biologists, SRM University, Chennai February 8-10.
63. Murugesan Sankaranarayanan Attended workshop Achieving High Quality in Education at the Tertiary Level. BITS Pilani January 9-10
64. Sruthi Ramagiri, Rajeev Taliyan Northern Regional conf of Indian Pharmacological Society-NRIPSCON-17: Ifenprodil reduces brain injury induced by cerebral ischemic reperfusion injury: Potential role of N-methyl D-aspartate receptor subtype 2B (NR2B) KIET group of Institution, Ghaziabad September 1-2
65. Sarathlal KC, Sruthi Ramagiri, Rajeev Taliyan Northern Regional conf of Indian Pharmacological Society-NRIPSCON-17: Protective role of sodium butyrate against brain damage induced by cerebral stroke: Modulation of HDAC activity KIET group of Institution, Ghaziabad September 1-2,
66. Rajeev Taliyan Attended workshop Two Days workshop on Flow Cytometry Dept of Biol. Science: BITS Pilani January, 18-19
67. Violina K, Sorabh Sharma, Rajeev Taliyan 69th Indian Pharmaceutical Congress, 2017 Implication of HDAC and GSK 3 beta in insulin resistance induced neurodegeneration Chitkara University, Chandigarh December, 22-24,
68. Sarathlal, Deepak Chitkara, Rajeev Taliyan 69th Indian Pharmaceutical Congress, 2017 Evaluation of protective effect of rosiglitazone, PPAR γ agonist, in HFD induced insulin resistance and Alzheimer's type of dementia Chitkara University, Chandigarh December, 22
69. Rajeev Taliyan 69th Indian Pharmaceutical Congress, 2017 LOC-member, Poster Evaluation expert Chitkara University, Chandigarh December, 22
70. Sorabh Sharma, Rajeev Taliyan 14th ISN Advanced School on Neurochemistry: Histone deacetylases inhibitor, SAHA, ameliorated the toxic effects of high fat diet induced insulin resistance in hemiparkinson's Paris, France. August 16-20.
71. Sorabh Sharma, Rajeev Taliyan Alzheimer's Association International Conference AR-A014418, a GSK-3 β Inhibitor, Attenuates Alzheimer like Pathology in High Fat Diet Induced Cognitive Deficit in Mice London, England. July 16-20
72. Sorabh Sharma, Rajeev Taliyan International Conference on Challenges in drug discovery and delivery Beneficial Effects of Co-administered Lithium Chloride and Valproate in Intracerebro ventricular Streptozotocin Induced Behavioral and Biochemical Abnormalities in Rats. BITS Pilani, Pilani Campus March 2-4
73. Sruthi Ramagiri, Rajeev Taliyan International Conference on Challenges in drug discovery and delivery Protective effects of remote limb ischemic postconditioning against cerebral ischemic reperfusion injury: Role of HO-1. BITS Pilani, Pilani Campus March 2-4
74. Vaishnavi Nimbalkar, Tushar Date, Anupama Mittal, Deepak Chitkara Development And Evaluation Of Self-Assembling Amphiphilic Micelles Of Mpeg-Pla Loaded With Docetaxel For Cancer Treatment International conference on Challenges in drug discovery and delivery (ICCD3-2017) BITS Pilani, Pilani Campus March 2-4
75. Vinayak Mharugde, Saurabh sharma, Kishan Italiya, Samrat Mazumdar, Anupama Mittal, Deepak Chitkara, RNAi THERAPEUTICS: Sojourn from Discovery to Delivery Challenges, Clinical Status & Global Delivery Market International conference on Challenges in drug discovery and delivery (ICCD3-2017) BITS Pilani, Pilani Campus March 2-4
76. Saurabh Sharma, Samrat Mazumdar, Kishan Italiya, Tushar Date, Anupama Mittal, Deepak Chitkara. miRNA-34a Loaded micelleplexes for Treatment of Breast Cancer International Conference on NANO-AND FUNCTIONAL MATERIALS: Interface between Science & Engineering (NFM-2017) BITS Pilani, Pilani Campus March 2-4
77. Gautam Singhvi Workshop on flow cytometry Two days hands on workshop on Flow Cytometry Department of biological sciences, BITS Pilani June 18-19

78. Gautam Singhvi 3rd Workshop on Analytical Instruments for Chemical and Environmental Engineers (WAICEE-2017) 3rd Workshop on Analytical Instruments for Chemical and Environmental Engineers (WAICEE-2017) Department of Chemical Engineering, BITS Pilani, Pilani Campus February 10-11
79. Saswata Banerjee, Gautam Singhvi Development and optimisation of solid lipid nanoparticles of ketoconazole with low surfactant concentration using factorial design International conference on Challenges in drug discovery and delivery (ICCD3-2017) BITS Pilani, Pilani Campus March 2-4
80. Vishal Girdhar, Shalini Patil, Saswata Banerjee, Gautam Singhvi Study the influence of process parameters and formulation variables on particle size of lipid based liquid crystal nanoparticles International conference on Challenges in drug discovery and delivery (ICCD3-2017) BITS Pilani, Pilani Campus March 2-4
81. Shalini Patil, Vishal Girdhar, Saswata Banerjee, Gautam Singhvi Cubosomes: A New Approach Towards Nano Drug Delivery International conference on Challenges in drug discovery and delivery (ICCD3-2017)BITS Pilani, Pilani Campus March 2-4
82. Gautam singhvi*, Saswata Banerjee, Archana Khosa. Design of ketoconazole containing lipidic nanocarrier loaded topical delivery system using QBD approach for effective treatment of fungal infection.NanoSciTech 2017, Expanding Horizons of Nanotechnology: Next Gen Challenges in Biomedical Sciences, Panjab University, Chandigarh. November 9-10
83. C Saravan Krishna, Gautam Singhvi Insitu nano-formulation approaches for drug delivery system International Conference on nano- and functional materials: Interface between Science & Engineering (NFM-2017). BITS Pilani, Pilani Campus November 9-10
84. Kirti Singh, Aniruddha Roy Role of nanotherapeutics in cancer immunotherapy International Conference on Challenges in Drug Discovery and Delivery (ICCD3-2017)BITS Pilani, Pilani Campus March 2-4
85. Nitita Hinge, Bismay Raje, Aniruddha Roy Delivery of anti-malarial drug using RBC ghost: a prospective strategy for better prognosis of the disease International Conference on Challenges in Drug Discovery and Delivery (ICCD3-2017) BITS Pilani, Pilani Campus March 2-4
86. Nitin Chauhan, Parbhat Saini, M M Pandey Formulation and Evaluation of Mucoadhesive Buccal Tablets of Felodipine International Conference on Challenges in Drug Discovery and Delivery (ICCD3) BITS Pilani, Rajasthan March 2-4
87. Krishna K V, Dubey S K, Saha R N. Development and pharmacokinetic studies of donepezil loaded polymeric nano-micelles Nano and Functional Materials- Interface between Science and Engineering BITS Pilani, Pilani Campus November 16-18
88. DixitA, Routroy S, Dubey S K Government Supported Healthcare Supply Chain: Rajasthan's Journey towards Sustainability, Joint Indo-German Conference on Sustainable Engineering BITS Pilani, Pilani Campus, September 15-17
89. Gupta K, Dixit A, Routroy S, Dubey S K Government Supported Generic Drug Supply Chain in India: A Study on Critical Success Factors, International Conference on Evidence Based Management BITS Pilani, Pilani Campus March 17-18
90. Krishna K V, Dubey S K, Saha R N. Synthesis and Characterization of Amphiphilic Di-Block Polymer and Its Application as a Nanocarrier for Donepezil International Conference on Challenges in Drug Discovery and Delivery BITS Pilani, Pilani Campus March 2-4
91. Ganguly S, Gupta K, Dubey S K Pharmaceutical Quality By Design: Evolution, Understanding and Incorporation In Industrial Perspective International Conference on Challenges in Drug Discovery and Delivery BITS Pilani, Pilani Campus March 2-4
92. Jetwani A, Jindal M, Dubey S K A Simple, Sensitive, Economical Spectroscopic Method for Simultaneous Estimation of Norfloxacin and Tinidazole in Bulk and Formulation, International Conference on Challenges in Drug Discovery and Delivery, BITS Pilani, Pilani Campus March 2-4
93. Krishna K V, Agnihotri T, Dubey S K, Saha R N, Surface Modified Rivastigmine Loaded PCL Nanoparticles for Alzheimer's Disease, ICMR sponsored conference Siksha'O' Anusandhan University February 17-18
94. Priyesh Shukla and Anu Gupta "Current-Mode PMOS Capacitance Multiplier", 2017 IEEE International Conference on Inventive Systems and Control (ICISC), Coimbatore, Jan 19- 20 2017
95. Priyesh Shukla and Anu Gupta , "Quad-NMOS Cross-coupling for Linearity Enhancement in High Frequency Continuous-time OTA-C Filters with IM3 Below -70 Db", International Journal of Information and Electronics Engineering (ICIEE 2017), February 22-24, 2017, Singapore
96. Anuj Kumar Ojha and A.V. Praveen Kumar, *Excitation of Higher Order Modes of Cylindrical Dielectric Resonator Antenna using Dual-slot feed* , presented at 3rd International conference on communication systems (ICCS17), 14-16 October, 2017, BKBIT, Pilani
97. Ritish Kumar, Piyush S and A.V. Praveen Kumar, *Offset fed slot antenna for broadband operation*, presented at 3rd International conference on communication systems (ICCS17), 14-16 October, 2017, BKBIT, Pilani

98. Jose Kurian John and A.V. Praveen Kumar, *Trade-offs in Dielectric Spectroscopy using Cavity Perturbation at the X-Band*, presented at International Conference on Emerging Areas in Material Engineering (ICEAME), 13-15 July, 2017, Amal Jyoti College of Engineering, Kanjirappally, Kerala
99. Anuj Kumar Ojha and A.V. Praveen Kumar, *A Dielectric Resonator Inspired Displacement Sensor*, presented at International Conference on Optical and Wireless Technologies (Springer), Jaipur, India, 18-19 March, 2017
100. A.V. Praveen Kumar and Graeme Burt, *Hybrid electromagnetic modes - structures and characteristics*, presented at IEEE Applied Electromagnetic Conference (AEMC17), MIT, Aurangabad, 19-22 December 2017
101. Rishabh Bhardwaj, Sagnik Majumder, Pawan K. Ajmera, "Temperature Compensation of ISFET Based pH Sensor Using Artificial Neural Networks" 11 th IEEE Regional Symposium on Micro and Nanoelectronics (RSM), Penang, Malaysia, 23-25 August 2017.
102. Harsh Sinha, Raunak Manekar, Yash Sinha, and Pawan K. Ajmera, "Convolutional Neural Network based Human Identification using Outer Ear Images" 7th International Conference on Soft Computing for Problem Solving (SocProS 2017), IIT Bhubaneswar, 23-24 December 2017.
103. **Kavindra Kandpal**, Jitendra Singh, Navneet Gupta and Chandra Shekhar, "Effect of Thickness on the Properties of ZnO Thin Films Prepared by RF Sputtering", *17th International Conference on Thin Films (ICTF-2017)*, NPL, New Delhi, November 13-17, 2017.
104. B. Sainath, Rahul Gupta, Pratik Devikar "Fading Averaged-Spectral Efficiency Analysis of Average Interference-Constrained, Cooperative Device-to-Device Communication System," IEEE INDICON, IIT Roorkee, India, Dec. 2017.
105. B. Mahesh, B. Sainath "A Probabilistic Model for Random Horizontal Ranges Of Projectile," International Conference on Sports Engineering (ICSE), Jaipur, Rajasthan, India, Oct. 2017.
106. B. Sainath, Santosh A and Jagadeesh K "Energy Harvesting Relay Outage Probability Analysis of Cooperative Communication System over Small and Large Scale Fading Channels," IEEE International Conference on Advances in Computing, Communications, and Informatics (ICACCI), Manipal, Karnataka, India, Sep. 2017.
107. B. Sainath, Satwik Prabhu K, and, Naman Gupta "Energy Efficient Sleep Period Optimization for Green Radio Communication," URSI Regional Conference on Radio Science, Tirupati, India, Mar. 2017.
108. Prakhar kumar, Srijan Rastogi, Anu Gupta, "Novel design of linear low power Gm-C based voltage controlled filter with programmable gain", International Conference Of Science Technology & Management (ICSTM-2017), 24 september 2017, Bengaluru.
109. Brahmbhatt Viralkumar Kishorkumar, Anu Gupta, "demonstration of CORDIC based Digitally assisted analog using 12 bit pipelined ADC ", International Conference Of Science Technology & Management (ICSTM-2017), 24 september 2017, Bengaluru.
110. Harshavardhan Settibhaktini and Anantha Krishna Chintanpalli, "Computational Model Predictions of Level-Dependent changes for Concurrent Vowel Identification, 40th Meeting of Association for Research in Otolaryngology, Baltimore, USA, Feb 11-15, 2017.
111. A. K. Kuna, K. Kandpal and K. B. R. Teja, "An investigation of FinFET based digital circuits for low power applications," 2017 International Conference on Circuit , Power and Computing Technologies (ICCPCT), Kollam, 2017, pp. 1-6.
112. Tushar Goyal and Ankush C. Jahagirdar, "A Comparative study of Control Algorithms for detumbling of an Active Magnetically Actuated Nanosatellite" 9th European CubeSat Symposium, Kursaal, Ostend, Belgium, Nov 29- Dec 1, 2017.
113. S Pulipaka, R Kumar, "Comparison of SOM and conventional neural network data division for PV reliability power prediction", IEEE EEEIC 2017, Milan, Italy, June 6-9, 2017, 1-5
114. S Pulipaka, R Kumar, "Performance Enhancement of Neural Network Training using Hybrid Data Division Technique for Photovoltaic Power Prediction", IEEE EEEIC 2017, Milan, Italy, June 6-9, 2017, 1-6
115. Pranshu, Shaishta, Nitin, S Gurunarayanan, "An Exploration of Neuromorphic Systems and Related Design Issues/Challenges in Dark Silicon Era" in 3rd International Conference on Communication Systems, ICCS-2017, 14-16 October 2017, BKBIET, Pilani, India.
116. Nitin Chaturvedi, Ajay Shekhawat, Bhavesh Verma, Sachin Belgamwar, Navneet Gupta, "Investigation & Design Challenges of Advance Sensor/Material Selection for IoT based Protective Gears for Training/Impact scoring in Taekwondo", in International Conference on Sports Engineering, ICSE-2017, 23-25 October 2017, Jaipur, India.
117. Suvi Jain, Nitin Chaturvedi, S Gurunarayanan, "Design and Analysis of 6T SRAM Cell with NBL Write Assist Technique Using FinFET" in International Conference on Computer, Communications and Electronics, COMPTLIX 2017, 1-2 July 2017, Jaipur. **(IEEE-Xplore)**
118. Divya Suneja, Nitin Chaturvedi, S Gurunarayanan, "A Comparative Analysis of Read/Write Assist Techniques on Performance & Margin in 6T SRAM Cell Design" in International Conference on Computer, Communications and Electronics, COMPTLIX 2017, 1-2 July 2017, Jaipur. **(IEEE-Xplore)**

119. N. Sharma, S. Dhakad, K. Singh, N. Chaturvedi, A. Chauhan, C. Periasamy, and N.Chaturvedi , "AlGaIn/GaN HEMT based pH sensor", in "The XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017)", Dec. 11-15, 2017, Delhi, India
120. N. Chaturvedi, S. Mishra, S. Dhakad, N Sharma, K. Singh, N. Chaturvedi, R. Taliyan, A. Chauhan, P. Parjapat, D.K Kharbanda, and P.K Khanna "Development of GaN HEMTs based Biosensor", in "The XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017)", Dec. 11-15, 2017, Delhi, India.
121. A. Hazra, P. Bindra, Resistive and Capacitive Sensing Performance of TiO₂ Nanotube-Based Vapor Sensor, International Conference on Advanced Nanomaterials and Nanotechnology (ICANN-2017), Dec.-18-21, IIT Guwahati, India
122. P. Bindra and A. Hazra, Controlled variation of structural parameters of electrochemically grown TiO₂ nanotube array, International Conference on Nano and Functional Materials (NFM-2017), Nov.16–18, 2017, BITS Pilani-Pilani Campus, Rajasthan, India
123. P. Bindra and A. Hazra, Impedance behavior of TiO₂ nanotube porous layer in reducing vapor ambient, International Conference on Thin Films (ICTF-17), Nov. 13-17, 2017, NPL, New Delhi
124. Roshan Jayswal, Rahul Gupta, and Karunesh K. Gupta, "Patient Health Monitoring System Based on Internet of Things," 4th IEEE International Conference on Image Information Processing (ICIIP-2017), JAYPEE, Solan, 2017.
125. Ankit Agarwal, Devesh Samaiya, and Karunesh K. Gupta, "A Comparative Study of SIFT and SURF Algorithms under Different Object and Background Conditions," 16th IEEE International Conference on Information Technology (ICIT-2017), Bhubaneswar, 2017.
126. Arnav Verma, Devesh Samaiya, Karunesh K. Gupta, "Nonlinear Motion Tracking by Deep Learning Architecture," 3rd International Conference on Communication Systems (ICCS-2017), BKBIET, Pilani, 2017.
127. Aditya Harit; Col J. C. Joshi; Karunesh K. Gupta, "Facial Emotions Recognition using Gabor Transform and Facial Animation Parameters with Neural Networks," 3rd International Conference on Communication Systems (ICCS-2017), BKBIET, Pilani, 2017.
128. Jyotirmoy Bhardwaj; Punit Khatri, Karunesh K. Gupta, "Real Time Assessment of Potable Water Quality in Distribution Network based on Low Cost Multi-Sensor Array," 3rd International Conference on Communication Systems (ICCS-2017), BKBIET, Pilani, 2017.
129. Jyotirmoy Bhardwaj, Karunesh K. Gupta, and R. Gupta, " Fuzzy based Real Time Assessment of Water Quality in Distribution Network: A Python Framework Approach," IEEE International Conference on Soft Computing and its Engineering Applications (icSoftComp-2017), Anand, Gujrat, 2017.
130. Ashish Patel, H.D. Mathur, Surekha Bhanot, "A new and simple SRF based power angle control for UPQCDG to integrate solar PV into grid.", 7th Int. Conf. on Power System (ICPS-2017), COEP, Pune, Dec. 21-23, 2017.
131. Dhananajay Kumar, Nandan B R, H. D. Mathur and S. Bhanot, "Robust Controller Synthesis for Frequency Regulation in Islanded Microgrid", In the proceedings of IEEE 14th IEEE India Council International Conference (INDICON 2017), December 15-17, 2017, Roorkee, India.
132. Ashish Patel, H. D. Mathur and S. Bhanot, "A New and Simple SRF based Power Angle Control for UPQCDG to Integrate Solar PV into Grid", In the proceedings of 7th International Conference on Power Systems, December 21-23rd, 2017, Pune, India
133. Ashish Patel, H. D. Mathur and S. Bhanot, "A Simple Approach to Improvement in Performance of UPQCDG in presence of Unbalanced Load", In the proceedings of IEEE Asia Pacific Power and Energy Engineering Conference, 08-09 November' 2017, Bengaluru, India
134. Dhananajay Kumar, Nandan B R, H. D. Mathur and S. Bhanot, "Robust Hybrid Controller Design Based on H[∞] Synthesis for Frequency Regulation in Micro-Grid", In the proceedings of IEEE Asia Pacific Power and Energy Engineering Conference, 08-09 November' 2017, Bengaluru, India.
135. Rajesh Mehrotra, Pinky Dhatteval, Zaiba Hasan Khan, Sandhya Mehrotra.(2017). ACGT cis regulatory elements as mediator of plant stress response. EMBO Conference on "Micro and metabolic regulators in plants, Thiruvanthapuram, Kerala 01-04 February 2017.
136. Vandana Tomar, Panchsheela Nogia, Rajesh Mehrotra and Sandhya Mehrotra. (2017). An insight into the Regulatory Components of Carbon Concentrating Mechanisms in Aquatic Unicellular Photosynthetic Organisms. EMBO Conference on "Micro and metabolic regulators in plants, Thiruvanthapuram, Kerala 01-04 February 2017.
137. Tanmay Kulshrestha, Ankita Gupta and Shibasish Chowdhury. (2017).Classification of DNA Structure through Structure Network Analysis , 9th international conference on Bioinformatics and Computational Biology- BICOB 2017 on March 20-22, 2017 at Honolulu, Hawaii, USA.
138. Parva Sharma and Shibasish Chowdhury, (2017). "The role of Nitrogen assimilation pathway on high protein content of Arthrospira platensis: An In-silico analysis" In: Annual symposium of the Indian Biophysical Society, 23rd – 25th March 2017, IISER Mohali. India.

139. Ashis Das, Boopathi P.A., Subuddhi A, Pandey I, Kaur R. Kochar S.K. Kochar D.K.(2017). Systems Networks and HUB Genes to identify Pathogenesis Molecules and Possible Therapeutic Targets in Complicated *P. falciparum* and *P. vivax* malaria . International Conference on Challenges in Drug Discovery and Delivery. March 2-4 2017 BITS Pilani. Pilani Campus.
140. Rajdeep Chowdhury and Sudeshna Mukherjee.(2017). Cross talk between autophagy and intracellular MAPK signaling regulate optiosarcoma cell survival response under cisplatin stress The 8th International Symposium on Autophagy, Japan, May 29th to Jun 1st, 2017.
141. Kumar Udit Saumya, Shaswat Singh,,Neelam Mahala,Manohar Lal, Atish Paul, Uma S. Dubey.(2017).Comparative Bioinformatic Analysis of camel milk proteins with their Bioactive Peptides with potential antimicrobial and anticancer properties.National conference on Bioinformatics and Computational Biology organizes by supercomputing facility for bioinformatics and computational Biology. Breaking Barriers through bioinformatics and Computational Biology at IIT Delhi. 31July – 1 Aug 2017.
142. Anupam Yadav Philosophy and the Discourse of Interdisciplinarity Comparative Philosophy at the Crossroad held at American University in Dubai, Dubai International April, 2017
143. Anupam Yadav “De-disciplining Philosophy and New Epistemology”, at the International Conference on Revisiting Richard Rorty at the University of Minho, Braga, Portugal during September, 25-26, 2017.
144. Sailaja Nandigama “Community Development and Conservation: Status of the Implementation of Forest Rights Act in Two States of India” Development Studies Association Ireland Annual Conference (2016), on ‘Beyond Aid? Innovative Models For Social Justice’ held in Dublin, Ireland. International2016
145. Rajneesh Choubisa Do Transgressions and Gratitude acts as Predictors of Well-Being among Indian Engineering Undergraduates? Paper Presented during the Round Table Discussion at the Fifth World Congress of Positive Psychology (IPPA) held at Montreal, Canada during 13-16 July 2017
146. Slezácková, A & Choubisa, R. (2017). The role of perceived hope and dispositional hope in life satisfaction across cultures: Comparison of Czech and Indian samples. Paper Presented in the symposium at the Fifth World Congress of Positive Psychology (IPPA) held at Montreal, Canada during 13-16 July 2017.
147. Kumar Neeraj Sachdev Education, Learning and Change: A Philosophical Analysis 4th International ELLTA Conference on “Perspectives on Leadership, Learning and Social Enterprise in Asia: Sharpening Focus on Research Collaborations and Publications” held at AIT Conference Center, Asian Institute of Technology, Bangkok, Thailand during 25 - 27 July 2017 International 2017.
148. Hari Nair Invited lecture titled “El papel de las mujeres en la asamblea constituyente de la India” as a resource person for the Diplomado en Estudios Sobre Asia at Seminario Universitario de Estudios Asiáticos, Instituto de Investigaciones Filológicas, Universidad Nacional Autónoma de México 22 Aug 2017 (via video conference).
149. Nandigama, S., (2017) “Combining Qualitative and Quantitative Methods to Evaluate Community Forestry Interventions in South Asia: An Experiential Account”, paper presented in the 3rd Annual FLARE Meeting, Sep 29th- Oct 2nd, Stockholm University, Sweden.
150. Nandigama, S., (2017) participated in the annual seminar on "Land rights – a prerequisite for combating climate change and advancing peace and gender equality", October 3rd-5th, at Swedish International Development Coordination Agency (SIDA), Stockholm, Sweden.
151. Sangeeta Sharma. “ Women Empowerment through Advertising” in the third world conference on WOMEN’S STUDIES: Investing in New Generations: Women and Girls at Amityuniversity, Noida organized in collaboration with World Center for Women’s Studies (world-cws) and College of Arts & Sciences, University at Buffalo, Suny, U.S.A. during 12-13 October 2017.
152. Gajendra Singh Chauhan.“Technical Jargons in Promotion of Brand Messages: Is it a " Just Do It " Factor Without Consumer Sense?Presented at 24th International Conference on Psychology & Language Research, Nanyang Technological University, Singapore during 09-10 November, 2017.
153. Gajendra Singh Chauhan.“Teaching and Learning Media Literacy: An Unavoidable call for Secondary Education!”Presented at UICELL 2017 International Conference on ELT & CALL organized by English Education Graduate School, University of Muhammadiyah, Jakarta, Indonesia during 23-25 November, 2017.
154. Gajendra Singh Chauhan.“The Art of Rhetoric: Improving Writing Skills through Persuasive Advertisements”.Presented at UICELL 2017 International Conference on ELT & CALL organized by English Education Graduate School, University of Muhammadiyah, Jakarta, Indonesia during23-25 November, 2017.
155. Kumar Sankar Bhattacharya (co-author with Divyansh Goel): "Paid Social Ads, Retargeting and Conversion Tracking: A Revolution for Conversion Optimizationin B2C E-commerce". Oxford University, UK. 7th International Conference on Trade, Economics and Law. 16-18 October, 2017.
156. Kumar Sankar Bhattacharya:" Reading from Below: "Ravanayana" as an Alternative to "Ramayana" in Neelakantan's Asura: The Tale of the Vanquished".Wisconsin, USA. 46th Annual Conference on South Asia organized by University of Wisconsin in Madison. 26-28 October, 2017.
157. Sangeeta Sharma “Success stories of BITSian Women Entrepreneurs” Eighth International Conference

- on "Strengthening Strategies, Shaping Policies and Empowering Personnel: Key to Organizational Competitiveness" at Prestige Institute of Management, Gwalior International 2017.
158. Sangeeta Sharma Invited as a panelist in International Research Conference on "Sustainable development of human capital; exploring perspectives from grassroots to global research and practice" held from Nov.8 to 10, 2017 at Indian Institute of Management (IIM), Ahmedabad. The topic of discussion was Industry Academia interface.
 159. Kumar Sankar Bhattacharya "Reclaiming the Unheard Voices of History: Indira Goswami's Thengphakhri Tehsildar". 16th MELOW International Conference on Facts, Distortions and Erasures: Literature as History, History in Literature, Chandigarh International March, 2017
 160. Somdatta Bhattacharya "Invisible Women, Visible Cities: Female Domestic Labour in Kolkata " Seminar on "Gendered Urban Spaces: Narratives of Self-Possession", organised by the Department of English, The IIS University, Jaipur, in collaboration with ICSSR, New Delhi National February, 2017.
 161. Sushila Shekhawat Identity Formation through Food as a Mataphor in Popular Culture :A Study of Indian Films International Conference on Literature as Cartography of Emotions: Ways of Being and Belonging Organized by the Department of English, St. Xavier's College, Jaipur. International January,2017
 162. Neerja Vyas and Sushila Shekhawat Creation of identity on Screen and its Impact: Biopics of the Living. International Conference on Literature as Cartography of Emotions: Ways of Being and Belonging Organized by the Department of English, St. Xavier's College, Jaipur International January,2017
 163. Sushila Shekhawat Revelation of real life Identities on Screen: An Exploratory Study of Biopics and Documentaries in Indian Cinema National Conference on History Reconstructed through Literature: Nation, Identity and Culture organized by Department of English, Jai Narain Vyas University, Jodhpur National February,2017
 164. Shekhawat,Sushila.Contemporary Hindi Films: A Tool for Women Empowerment presented in the third world conference on WOMEN'S STUDIES: Investing in New Generations: Women and Girls at Amity university, Noida in collaboration with World Center for Women's Studies (world-cws) and College of Arts & Sciences, University at Buffalo, Suny, U.S.A. during 12-13 October 2017.
 165. Swaha Das,Hari Nair,Yogendra Swaraj Sharma "Gita and its warring interpretations" Featured Session "Doing history of ideas in South Asia: Reflections from the text and context" 18 Feb 2017 at the National Seminar "Reimagining South Asia: An exploration into the history of ideas" under the auspices of ICSSR and organized by the University of Delhi and South Asian University.National 2017
 166. Sanjiv Kumar Choudhary Changing Protocols of Indian News Media: A Socio-Phonetic Perspective A Three Day International Conference on MEDIATIZATION, CULTURALIZATION AND LANGUAGE ALTERATION organized by Dept. of Linguistics, Aligarh Muslim University, Aligarh and ICSSR, Delhi International 5-7 January 2017
 167. Sailaja Nandigama and Sanjiv Kumar Choudhary "Striking a balance between sustainable livelihoods and sustainable use of natural resources: A case of PMGSY's impact in rural Rajasthan". INTERNATIONAL CONFERENCE on 'Environmental Impact on Biodiversity, Sustainability and Quality of Life' February 16-18, 2017, Organized under the aegis of UPE "Study of Ecology and Economy" University of Rajasthan, Jaipur-302004 (INDIA) International 16-18 February 2017
 168. Priyanka Kumari and V. S. Nirban "Identifying Dimensions and Competencies for Intercultural Communication: A literature Review" International Conference on Evidence Based Management, organized by Department of Management, BITS Pilani, Pilani Campus, 12-13 March 2017. International 2017
 169. Chasul and V. S. Nirban "Technology Acceptance among students in Engineering Education" International Conference on Communication and Media Studies, organized by Amity Institute of Mass Communication, Amity University, 2-4 March 2017. International 2017
 170. Priyanka Kumari and V S Nirban "Communication Competencies in Intercultural Workplace Context: Applying Delphi Method in Indian IT Industry" International Conference on Business Research & Policy, 2017, organized by Chandragupt Institute of Management Patna (CIMP), Patna, Bihar, India, 09-10 March, 2017.International2017
 171. Priyanka Kumari and V S Nirban "An Empirical Study of the Recent Trends in Web 2.0 Based Teaching and Learning Context in Higher Education" International Conference on Media and Communication Studies, organized by the Amity School of Communication, Amity University, Jaipur, Rajasthan, India, 02-04 March, 2017International 2017
 172. Sailaja Nandigama "Ecology of Teaching and Learning in Classrooms: Perspectives on Pedagogical Practices" National Convention on Current Practices and Future of Classroom Teaching at Higher Education Level, held at BITS Pilani, Pilani Campus, Rajasthan, India. National 2016.
 173. Rajneesh Choubisa Research Designs with(in) Online Behavioral Sciences: Experiencing "WEXTOR" as a Tool Paper presented at 52nd National and 21st International Conference of Indian Academy of Applied Psychology on "Psychology for Building Global Community" theme organized by IAAP at University of Rajasthan, Jaipur during 23rd-25th February 2017.

174. Sonam Mansukhani, and Rajneesh Choubisa Entrepreneurial Ventures as Learning Organizations: A Face Value Analysis of Chosen Indian "Start-ups". Paper presented at the 2nd International Conference on Evidence Based Management (ICEBM) organised by Department of Management, BITS Pilani, held during 17-18 March, 2017.
175. Kumar Neeraj Sachdev and Bandana Sachdev An Application of David Hume's Idea of Sympathy for Global Peace International Conference on Latest Concepts in Science, Technology and Management (ICLCSTM-2017) at National Institute of Technical Teachers Training and Research (NITTTR), MHRD, Govt. Of India, Chandigarh, India on February 5, 2017
176. Swaha Das and Hari Nair presented a study titled "Martin Buber and Mohandas Gandhi on the question of the Jewish homeland in Palestine" at Gandhi Jayanti National Conference 2017 Revisiting Champaran: Challenges of Satyagraha in the 21st century 16-17 Oct 2017 at Zakir Husain Delhi College organized by Indialogue Foundation and Gandhi Smriti and Darshan Samiti.
177. Kumar Neeraj Sachdev, "A Value-Oriented Analysis of Changing Roles of Educators in Higher Educational Institutions," presented in a virtual session of 6th World Conference of Global Educational Research Association (GERA) on "Education: A Mirror of Society" held at University School of Education, Rayat-Bahra University, Mohali, Punjab, India during 24 - 25 November 2017
178. Somdatta Bhattacharya and Shrija Srinivasan. "Scene of Crime: Exploring Kingsmarkham in Ruth Rendell" at the Theorising Space: Three Day National Conference on the Intersections of Space and Culture, organised by the Department of Humanities, Indian Institute of Space Science & Technology, Valiamala, in collaboration with the Centre for Cultural Studies, University of Kerala and Littcrit, 14-16 December 2017.
179. Nandigama, S., and S.K.Choudhary (2017). Paper presented on "Striking a balance between sustainable livelihoods and sustainable use of natural resources: A case of PMGSY's impact in rural Rajasthan." in the International Conference organized under the aegis of UPE, "Study of Ecology and Economy" EIBSQL-2017, during 16-18, February 2017 at the University of Rajasthan, Jaipur.
180. Pushp Lata attended and presented a paper entitled Do Indian College Students Need Cross Cultural Training? at International Conference on Language, Literature and Culture (ICLLC), Pune, Maharashtra, India during 15th to 17th December 2017 organized by Institute of Advanced Studies in English, Pune.
181. Pushp Lata attended and presented a paper entitled Rethinking Muticulturalism and Maximizing Learning in Indian Classrooms at ELT@I IV International Conference in association with RELO and British Council at Kanoria PG Mahila Mahavidyalya, Jaipur during 30-31 October 2017
182. Pushp Lata attended and presented a co- authored paper entitled Using Mutimodal Tools for Teaching Mutiliteracies in Indian ELT Classrooms at ELT@I IV International Conference in association with RELO and British Council at Kanoria PG Mahila Mahavidyalya, Jaipur during 30-31 October 2017
183. Pushp Lata attended and presented a co- authored paper entitled Enhancing Written Communication Skills of College Students through Online Collaborative Tutorials in a Multicultural Classroom at ELT@I IV International Conference in association with RELO and British Council at Kanoria PG Mahila Mahavidyalya, Jaipur during 30-31 October 2017
184. Pushp Lata attended 2-day workshop on Achieving High Quality in Education at the Tertiary Level on 9th January 2017 organized by Teaching and Learning Centre, BITS Pilani, Pilani campus.
185. Ruparel, N., & Choubisa, R. (2017). Goal Orientation, Perceived Motivational Climate and Social Emotional Competence: Contextually Exploring the Explicable. Paper presented at the 27th Annual NAOP Conference organized at IIT Kharagpur during 22-25 December 2017.
186. Mansukhani, S., & Choubisa, R. (2017). Entrepreneurial Ventures as Learning Organizations: A Face Value Analysis of Chosen Indian "Start-ups". Paper presented at the 2nd International Conference on Evidence Based Management (ICEBM) organized by Department of Management, BITS Pilani, held during 17-18 March, 2017.
187. Choubisa, R. (2017). Research Designs with (in) Online Behavioral Sciences: Experiencing "WEXTOR" as a Tool. Paper presented at 52nd National and 21st International Conference of Indian Academy of Applied Psychology on "Psychology for Building Global Community" theme organized by IAAP at University of Rajasthan, Jaipur during 23rd-25th February 2017.
188. Shukla T. Transparency in Engineering Education: A Challenge. International Conference on Science, Technology & Management (ICSTM-2017). Bangalore, 24th September 2017
189. Shukla T. **Psychological Determinants of Educational Attainment, 27th Annual Conference of NAOP**, National Academy of Psychology, IIT Kharagpur, 22nd - 24th December 2017
190. Shukla T. Female Entrepreneurs in the Urban Startup Scenario, International Conference on Peaceful and Prosperous South Asia, *Jaypee Institute of Information & Technology*, 27th- 28th March, 2017
191. Shukla T. India's Fastest Growing FMCG Company: An Insight into Patanjali's Marketing Strategies, 2nd International Conference on Evidence-Based Management (ICEBM), **Department of Management, BITS Pilani**, 17-18 March 2017

192. Anupam Yadav Value Inculcation among Engineering Students at the 5th International Conference on Advancement in Engineering, Applied Science and Management held at Institution of Electronics and Telecommunication Engineers, Bengaluru, Karnataka on November, 26th, 2017
193. Kumar Sankar Bhattacharya "Reclaiming the Unheard Voices of History: Indira Goswami's Thengphakhri Tehsildar". 16th MELOW International Conference on Facts, Distortions and Erasures: Literature as History, History in Literature, Chandigarh, March 03-05, 2017.
194. Shekhar, C. presented a paper on "FM/FM/1 queues with fuzzy catastrophe" in National Conference in Statistics and Optimization Techniques (NCSOT) in conjunction with 2nd convention of Indian Association for Reliability and Statistics (CIARS-2017) organized by Department of Mathematics, M.D. University, Rohtak on February 11-13, 2017.
195. Pasari, S. presented a paper on "Reliability of an Earthquake System: A Case Study from Eastern Himalaya" International Conference on Disaster Risk Mitigation (ICDRM), held in Dhaka during September 23-24, 2017.
196. Shekhawat K. presented a paper on "Rectilinear Floor Plans" at International Conference: CAADFutures2017, held at Istanbul, Turkey, during 12-14 July, 2017.
197. Rakhee, presented a paper on "Performance Analysis of Discrete-Time Retrieval G-Queue with Unreliable Server and Second Optional Service" at International Conference on Advancing Frontiers in Operational Research: Towards a Sustainable World (AFOR-2017) in Conjunction with the Diamond Jubilee as well as the 50th Annual Convention of Operational Research Society of India during Dec. 21-23, 2017 organized at Heritage Institute of Technology, Kolkata.
198. Rakhee, presented a paper on "Discrete-Time Queue with Two Type of Customer, Unreliable Server and Second Optional Service" at International Conference on Recent Trends in Operations Research and Statistics (RTOTS-2017) during Dec 28-30, 2017, organized by Department of Mathematics, IIT Roorkee.
199. Priyanka Kumari (joint work with Dr. P. H. Keskar), presented a paper on "Algebraic Criterion for Difference Sets" at International Conference on Algebra and Analysis held at Center for Advanced study, Department of Mathematics, Savitribai Phule Pune University during December 19-22, 2017.
200. Pasari, Sumanta, Attended a short term course "Statistical Methods in Data Analysis" at the Department of Mathematics, IIT Kharagpur from February 25 to March 1, 2017.
201. Rajiv Kumar participated in International workshop on operator semigroups at Delhi University during Dec 18 - Dec 21, 2017.
202. Piyush Raghav, Amit Dua, "Enhancing flow security in RYU controller through set operations," in 3rd IEEE International Conference on Computer and Communications (ICCC) 2017, December 13-16, Chengdu, China
203. Anish Jindal, Amit Dua, Neeraj Kumar, Athanasios V. Vasilakos, Joel J.P.C. Rodrigues, "An Efficient Fuzzy Rule-Based Big Data Analytics Scheme for Providing Healthcare-as-a-Service", in IEEE International Conference on Communications, ICC 2017, May 21-25, Paris, France
204. Bhutani, Aditya A.S, and Lavika Goel , "Hybridization of Moth Flame Optimization and Gravitational Search Algorithm and its application on detection of Food Quality", International Conference on Intelligent Systems (IntelliSys), IEEE Publications, London, United Kingdom, 2017.
205. Ashutosh Bhatia, Sudhanshu Singh, "Bandwidth Efficient Clock Skew Compensation in TDMA-Based Star Topology Wireless Networks", In proceedings of AINA 2017, Taipei, Taiwan
206. Gupta Neetika and Rohil Mukesh Kumar. "An Experimental Study of Markerless Image Registration Methods on Varying Quality of Images for Augmented Reality Applications." In Proceedings of Thematic Workshops'17 of ACM Multimedia 2017, Oct 23-27, 2017 Mountain View, CA, USA. DOI: 10.1145/3126686.3126759
207. Poonam Goyal, Jagat Sesh Challa, Shivin Srivastava, and Navneet Goyal, "AnyFI: An Anytime Frequent Itemset Mining Algorithm for Data Streams", In 2017 IEEE International Conference on Big Data (IEEE Big Data 2017), December 11-14, 2017 Boston, USA.
208. Chandramani Chaudhary, Poonam Goyal, and Yi-Ping Phoebe Chen, "Exploiting Visual and Textual Neighborhood Information to Improve Image-Tag Relevance", In 2017 IEEE International Conference on Big Data 2017 (IEEE Big Data 2017), Boston, USA.
209. Rupal Bhargava, Gargi Sharma and Yashvardhan Sharma, "Deep Paraphrase Detection in Indian Languages", In proceedings of Ninth International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2017), IEEE/ACM, 31 July – 3 August, 2017, Sydney, Australia, pp. 1152-1159.
210. Yash Shina, Siddharth Bhatia, G S S Chalapathi, Virendra S Shekhawat, "MPLS based Hybridization in SDN", Fourth International Conference on Software Defined Systems (SDS-2017), Valencia, Spain, 8-11 May, 2017
211. Avinash Gautam, S P Arjun Ram, Virendra Singh Shekhawat, Sudeept Mohan, "Balanced Partitioning of Workspace for Efficient Multi-Robot Coordination", IEEE International Conference on Robotics and Biomimetics, 5–8 Dec, Macao, China, 2017

212. Yash Sinha, Shikhar Vashishth, K Haribabu, Meticulous Measurement of Control Packets in SDN, in Proceedings of the Symposium on SDN Research[ACM SOSR 2017], Santa Clara, CA, USA, 03-04 April, 2017 pp. 187-188 ACM 2017.
213. Kamlesh Tiwari, Vandana Dixit Kaushik and Phalguni Gupta. "An Efficient Fingerprint Matching using Continuous Minutiae Template Learning", Accepted In: International Conference on Computer Communication and Computational Sciences (IC4S), Springer (in press) 2017
214. Shivesh Ganju, Amit Dua, "A survey on power aware protocols for Wireless AdHoc network," In IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017), September 21,22, 2017, Chennai, India.
215. Mihir Saxena, Amit Dua, "Security Solutions against Attacks in Mobile Ad hoc networks and their verification using BAN logic," In International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS). August 1, 2 2017, Poonamallee, India.
216. Amit Dua, "IRMDD: Intelligent Robust Multicast Data Dissemination in Vehicular Ad Hoc Networks," In 11th INDIACom, March 1-3, 2017, New Delhi, India
217. Anuraj Singh, Chirag Chhablani, Lavika Goel, "Moth Flame Optimization for land cover feature extraction in remote sensing images", IEEE Publications, 8th International Conference on Computing, Communication and Networking Technologies (ICCCNT), IIT Delhi, pp.1-7, August 2017.
218. Lavika Goel, Mallikarjun Swamy, Raghav Mantri "Swarm and Artificial Immune System based Intelligence Techniques for Geo-Spatial Feature Extraction", International Conference on Computational Intelligence and Data Engineering (ICCIDE), Springer: Lecture Notes in on Data Engineering and Communications Technologies (LNDECT), Andhra Pradesh, vol. 9, pp. 65-84, 2017.
219. Amogh Sharma, Lavika Goel, "A Deep Learning Approach For Player Selection And Training Routine Design", International Conference on Sports Engineering, Elsevier Publications, 2017.
220. Yashvardhan Sharma, Lavika Goel, Shubhankar Srivastava, "Data Analytical Application for Cricket using Moneyball Techniques", International Conference on Sports Engineering, Elsevier Publications, 2017.
221. Lavika Goel, Charu Tak, Faizan Mushtaq, " Development Of A Hybrid Algorithm Using Swarm Algorithms And Implementing It On Images To Detect The Health Of An Apple", International Conference on Computational Intelligence: Theories, Applications and Future Directions, Springer Publications, Advances in Intelligent and Soft Computing, December 6th - 8th, 2017, IIT Kanpur, India.
222. Siddharth Bhatia, Yash Sinha, Lavika Goel, "Lung Cancer Detection: A Deep Learning Approach", 7th International Conference on Soft Computing for Problem Solving - SocProS 2017, Indian Institute of Technology Bhubaneswar, Bhubaneswar, Springer Publications, Advances in Intelligent and Soft Computing, December 23-24, 2017.
223. Gupta Neetika and Rohil Mukesh Kumar. "Exploring Possible Applications of Augmented Reality in Education. IEEE Fourth International Conference on Signal Processing and Integrated network (SPIN). Noida, Feb 2-3, 2017, DOI: 10.1109/SPIN.2017.8049989
224. Sonal Kumari, Poonam Goyal, Ankit Sood, Dhruv Kumar, Navneet Goyal, and Sundar Balasubramaniam, "Exact, Fast and Scalable Parallel DBSCAN for Commodity Platforms", In 18th International Conference on Distributing Computing and Networking (ICDCN 2017), January 4-7, 2017 Hyderabad, India.
225. Ines Khandelwal, Sundaresan Raman, Analysis of Transfer and Residual Learning for Detecting Plant Diseases Using Images of Leaves, International Conference on Computational Intelligence, IIT Kanpur, 2017
226. Rupal Bhargava, Yashvardhan Sharma, "MSATS: Multilingual Sentiment Analysis via Text Summarization", In proceedings of Seventh International Conference on Cloud Computing, Data Science & Engineering (CONFLUENCE-2017), IEEE, January 2017,pp.71-76.
227. Singh M., Varyani N., Singh J., Haribabu K. (2018) Estimation of End-to-End Available Bandwidth and Link Capacity in SDN. In: Kumar N., Thakre A. (eds) Ubiquitous Communications and Network Computing. UBI-CNET 2017. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 218. Springer, Cham
228. Sinha Y., Vashishth S., Haribabu K. (2018) Estimation of Raw Packets in SDN. In: Kumar N., Thakre A. (eds) Ubiquitous Communications and Network Computing. UBI-CNET 2017. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 218. Springer, Cham
229. Sinha Y., Vashishth S., Haribabu K. (2018) Real Time Monitoring of Packet Loss in Software Defined Networks. In: Kumar N., Thakre A. (eds) Ubiquitous Communications and Network Computing. UBI-CNET 2017. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 218. Springer, Cham
230. Susheela Kumari and Saumi Ray "The Effect of the Molecular Dimensions of the Guest Palladium Schiff base Complexes Encapsulated inside the Host Zeolite-Y" at NFM 2017, organized by department of Chemistry, Birla Institute of Technology and Science, Pilani, Rajasthan, 16–18 November 2017.

231. Chavi Mahala, Dr. Mrinmoyee Basu and Dr. Surojit Pande "Interconnected NiCo₂O₄/NiO Nanosheets for Oxygen Evolution Reaction" at NFM 2017, organized by department of Chemistry, Birla Institute of Technology and Science, Pilani, Rajasthan, 16–18 November 2017.
232. Raijnder Kaswan, S. C. Sivasubramanian, A. Dalvi "Synthesis and characterization of EMIM BF₄ confined Lithium Silicate glasses by different sol-gel route" at NCSSI-12 organised by Department of Physics, Birla Institute of Technology and Science, Pilani, Rajasthan, 21-23 December 2017.
233. Mamta devi Sharma, Dr. Mrinmoyee Basu and Dr. Surojit Pande "Decoration of Metal (Ag, Pd) and Bimetallic (Ag-Pd 1, Ag-Pd 2) nanoparticles on MoS₂ for Hydrogen Evolution Reaction" at NFM 2017, organized by department of Chemistry, Birla Institute of Technology and Science, Pilani, Rajasthan, 16–18 November 2017.
234. Roshan Nazir, and Suroit Pande, "RuO₂ Nanorod: An Efficient and Stable Electrocatalyst for Hydrogen and Oxygen Evolution Reaction" at NFM 2017, organised by department of Chemistry, Birla Institute of Technology and Science, Pilani, Rajasthan, 16–18 November 2017.
235. Aabid Hamid and Ram Kinkar Roy, "Profiles of the components of stabilization energy and their physical implications" at 20th CRSI National Symposium in Chemistry, organized by Guwahati University, Assam, February 3-5, 2017.
236. Saroj, Khima Pandey and Anil Kumar, "Synthesis of Novel Imidazolium Salt Supported N-Hydroxy Sulfonamide: A Soluble Support Synthesis of Hydroxamic Acids" at 23rd ISCB International Conference (ISCB-2017) Interface of Chemical Biology in Drug Research Organized by Indian Society of Chemists and Biologists SRM University, Chennai, India, February 8-10, 2017.
237. Dinesh Kumar, Aishwarya Ramesh and Dr. Prashant Uday Manohar, "Keto-enol tautomerism ground and excited state energy profiles - A computational study" at Asia Pacific Conference in Theoretical and Computational Chemistry (APCTCC-8) organized by Indian Institute of Technology, Bombay Dec. 15 - 17, 2017.
238. Dinesh Kumar, A. K. Dutta and Dr. Prashant Uday Manohar, "Resolution of the Identity and Cholesky Representation of EOM-MP2 Approximation" at North West Meeting On Spectroscopy, Structure and Dynamics (SSD)" organized by Birla Institute of Technology & Science, Pilani Mar. 18 - 19, 2017.
239. Aabid Hamid and Ram Kinkar Roy, Understanding the charge transfer limit of a chemical adduct, North West Meeting on Spectroscopy, Structure and Dynamics (SSD) , Birla Institute of Technology and Science, Pilani Rajasthan, 18th -19th March, 2017.
240. P. O. Venkataramana Reddy, Shriprada Mishra, Kavita Shah and Dalip Kumar, Synthesis and Identification of β -Carbolinium Salts as Novel Cytotoxic Agents, 23rd ISCB International Conference (ISCB-2017) Interface of Chemical Biology in Drug Research, SRM University, Chennai, India, 8-10 February, 2017.
241. P. O. Venkataramana Reddy, Shriprada Mishra, Kavita Shah and Dalip Kumar, Synthesis and Identification of β -Carbolinium Salts as Novel Cytotoxic Agents, International Conference on Challenges in Drug Discovery and Delivery" Department of Pharmacy, BITS Pilani, Pilani Campus, Rajasthan, India, March 2-4, 2017.
242. P. O. Venkataramana Reddy, K. P. Chandra Shekar, Kazuhito Tanabe and Dalip Kumar, Design and Synthesis of Water Soluble Cationic Porphyrin- β -Carboline Conjugates as Potent Photocytotoxic Agents, International Conference on Frontiers at the Chemistry – Allied Sciences Interface Organized by Centre of Advanced Study, Department of Chemistry, University of Rajasthan, Jaipur (INDIA), 22-23 July 2017.
243. Bijoya Das, Shamik Chakraborty, Competitive proton transfer between five- and six- membered hydrogen bonding network National Symposium on Radiation and Photochemistry (NSRP-2017), Department of atomic and Molecular Physics, MIT, Manipal University, Manipal March 2-4, 2017.
244. Bijoya Das, Shamik Chakraborty, Competitive proton transfer between five- and six- membered hydrogen bonding network North West Meeting on Spectroscopy, Structure and Dynamics (SSD-2017), Department of Chemistry, BITS Pilani, Pilani Campus March 18-19, 2017.
245. Sunita Kumari, G. Sundar and Subit K. Saha, Interaction of cationic gemini surfactants with nanotubes of β -cyclodextrin: Effect of spacer chain length of gemini surfactants New Frontiers in Chemistry from Fundamentals to Applications II (NFCFA2017), Department of Chemistry, BITS Pilani, KK Birla Goa Campus, January 28-29, 2017.
246. Sunita Kumari, G. Sundar and Subit K. Saha, Study on interaction of cationic gemini surfactants with guest induced nanotubes of β -cyclodextrin and the role of spacer chain length of gemini surfactants to release the guest National Conference on Advanced Physical Methods in Chemical Sciences (NCAPMCS-2017), Department of Chemistry, Guru Jambheshwar University of Science and Technology, Hisar, Haryana, February 22-23, 2017.
247. Sunita Kumari, Sonu, G. Sundar and Subit K. Saha, Effect of organic and a Hofmeister series of inorganic counterions on the solvation dynamics and rotational relaxation in aqueous micelles of hexadecyltrimethylammonium surfactants North West Meeting on Spectroscopy, Structure and Dynamics (SSD-2017), Department of Chemistry, BITS Pilani, Pilani Campus, March 18-19, 2017.

248. Sunita Kumari, Rishika Aggrawal, Sonu, Sayantan Halder, G. Sundar and Subit K. Saha Effect of Hydrophobicity of Tails and Hydrophilicity of Spacer Group of Cationic Gemini Surfactants on Solvation Dynamics and Rotational Relaxation of Coumarin 480 in Aqueous Micelles, International conference on Frontiers at the Chemistry- allied Sciences Interface (FCASI-2017), University of Rajasthan, Jaipur, July 22-23, 2017.
249. Santosh B Khandagale and Dalip Kumar "Efficient Synthesis, Characterization and Photophysical Properties of meso-Heteroaryl-Substituted Porphyrins" at NFM 2017, organized by department of Chemistry, Birla Institute of Technology and Science, Pilani, Rajasthan, 16–18 November 2017.
250. Santosh B Khandagale and Dalip Kumar, Palladium-catalyzed formation of carbon-carbon bond: Rapid and convenient access to heteroaromatic appended porphyrins, National Conference on Advanced Physical Methods in Chemical Sciences (NCAPMCS-2017), Department of Chemistry, Guru Jambheshwar University of Science and Technology, Hisar, Haryana, February 22-23, 2017.
251. Santosh B Khandagale and Dalip Kumar, Efficient Synthesis of novel Heteroaryl appended porphyrin as fluorescent probes International conference on Frontiers at the Chemistry- allied Sciences Interface (FCASI-2017), University of Rajasthan, Jaipur, July 22-23, 2017.
252. Manish Kumar Mehra, Indresh Kumar and Dalip Kumar, Metal-free Regioselective Diaryliodonium Salts-Promoted C-N and C-O Bonds Formation in Water: Facile Synthesis of N-Arylquinolones and O-Aryloxyquinolines, National Conference on "New Vistas in Chemical Research" IIS University, Jaipur, India, January 18-19, 2017.
253. Manish Kumar Mehra, Mukund P. Tantak, Indresh Kumar, Dalip Kumar, Metal-free Regioselective C-N and CO Bonds Formation with the Utilization of Diaryliodonium Salts in Water, 23rd International ISCB conference on Interface of Chemical Biology in Drug Research, SRM University, Chennai, India, February 8-10, 2017.
254. Manish Kumar Mehra, Mukund P. Tantak, Indresh Kumar, Dalip Kumar, Metal-free Regioselective C-N and C-O Bonds Formation with the Utilization of Diaryliodonium Salts in Water, International Conference on Challenges in Drug Discovery and Delivery" Department of Pharmacy, BITS Pilani, Pilani Campus, Rajasthan, India, March 2-4, 2017.
255. Manish Kumar Mehra, Indresh Kumar, Dalip Kumar, Metal-free regioselective arylation of quinolones: Synthesis and characterization, National Conference on "Analytical Techniques and Their Applications" GJUS&T, Hisar, India, March 16-17, 2017.
256. Manish Kumar Mehra, Indresh Kumar and Dalip Kumar, Regioselective Diaryliodonium Salts-Promoted Arylation of Quinolones: Synthesis of Arylquinolones and Aryloxyquinolines in Water, International conference on Frontiers at the Chemistry- allied Sciences Interface (FCASI-2017), University of Rajasthan, Jaipur, July 22-23, 2017.
257. Vaishali Saini, Pankaj Nehra, Bharti Khungar, "Design of Schiff-base Functionalized Imidazolium Ionic Liquid Fluorescent Sensor for Al³⁺ ion" at 23rd ISCB International Conference (ISCBC-2017) Interface of Chemical Biology in Drug Research, organized by SRM University, Chennai, February 8-10, 2017.
258. Vaishali Saini, Pankaj Nehra, Bharti Khungar, Recyclable Ion Tagged Nickel Catalyst for Microwave Assisted Synthesis of Aryl sulfides Using Water as a Solvent Media at International Conference on Nano and Functional Materials (NFM-2017), Birla Institute of Technology and Science-Pilani, Rajasthan 333031, India, November 16-18, 2017.
259. Susheela Kumari, Archana Choudhary and Saumi Ray, The Effect of the Molecular Dimensions of the Guest Complexes Encapsulated inside the Host Zeolite –Y, International Conference on Recent Trends in Chemical Sciences, Govt. Engineering College, Bikaner January 12-13, 2017.
260. Nitesh Kumar Nandwana, Anil Kumar, Design and synthesis of fused conjugated heterocyclic compounds using C-C and C-N bond formation, 18th Tetrahedron Symposium, Budapest Hungary, June 26-30 2017.
261. Kiran Bajaj Solution Phase Peptide and peptide conjugates synthesis, 6th Indian peptide Symposium. HSCB, Mumbai. India, February 23-24, 2017.
262. Ajay K. Sah, Synthesis of N-glyconjugates and their applications in biological sciences, 23rd ISCB International Conference (ISCBC-2017) at SRM University, Tamil Nadu, February 08-10, 2017.
263. Aabid Hamid and Ram Kinkar Roy, Variation of stabilization energy with the solvent polarity: A density functional reactivity theory (DFRT) based approach, International Conference on Nano and Functional Materials (NFM-2017), Birla Institute of Technology and Science-Pilani, Rajasthan 333031, India, November 16-18, 2017.
264. Fayaz Baig, Kumari Suman and Madhushree Sarkar, "Structural transformations of Coordination Polymers on the counter anion exchange and metal metathesis" at 23rd International ISCB conference on Interface of Chemical Biology in Drug Research organized by SRM University, Chennai, India, February 8-10, 2017.
265. Fayaz Baig, and Madhushree Sarkar, "Influence of reaction conditions on changing structures of Coordination Polymers" at 24th Congress and General Assembly of the International Union of Crystallography, Hyderabad International Convention centre, Hyderabad, on 21-28th August 2017.

266. Fayaz Baig, and Madhushree Sarkar, "Influence of reaction conditions on changing structures of Coordination Polymers" at International Conference on Nano and Functional Materials (NFM-2017), Birla Institute of Technology and Science-Pilani, Rajasthan 333031, India, November 16-18, 2017.
267. Rishika Aggrawal, and Subit Kumar Saha, "Study on the effect of spacer chain length of gemini surfactants on the solvation dynamics in the reverse micelle of C₁₂-S-C₁₂.2Br " at International Conference on Nano and Functional Materials (NFM-2017), Birla Institute of Technology and Science-Pilani, Rajasthan 333031, India, November 16-18, 2017.
268. Shiv Dhiman, Mukund Jha, Dalip Kumar, and Anil Kumar "Gold-Mediated Synthesis of Thiopyrro[2,3-b]indoles from Indoline-2-thione involving Tandem Rearrangement and Hydroarylation" CFOS-2017 IIT-Roorkee, Roorkee, uttrakand in Dec-2017.
269. Sachin Choudhary, and Indresh Kumar, "Organocatalytic one-pot approach towards the synthesis of tri substituted pyrrole ring systems sthrough [3+2] annulation/ I2 mediated oxidation" at 23rd ISCB International Conference (ISCB-2017) Interface of Chemical Biology in Drug Research Organized by Indian Society of Chemists and Biologists SRM University, Chennai, India, February 8-10, 2017.
270. Sayantan Halder, Sonu, Sunita Kumari, Vinod Kumar Aswal and Subit K. Saha, Study on Interactions of Cationic Gemini Surfactants with Folded and Unfolded Bovine Serum Albumin: Effect of The Spacer Group of Surfactants, 20th CRSI-National Symposium in Chemistry 2017, Gauhati University, Assam, February 3-5, 2017.
271. Sayantan Halder, Sunita Kumari, Rishika Aggrawal, Sugam Kumar, Vinod Kumar Aswal and Subit K. Saha, Interactions of Gemini Surfactants Having Different Spacer Groups with Protein: A FRET and SANS study, 18th National Conference on Surfactants, Emulsions & Biocolloids (NATCOSEB 2017), School of Chemistry Sambalpur University Jyoti Vihar, Sambalpur, Odisha – 768 019, November 10-12, 2017.
272. Sayantan Halder, Sunita Kumari, Rishika Aggrawal, Sugam Kumar, Vinod Kumar Aswal and Subit K. Saha, A FRET, DLS and SANS study of Binding behavior of Gemini surfactants with Protein, International Conference on Nano and Functional Materials (NFM-2017), BITS Pilani, Pilani Campus, Rajasthan November 16-18, 2017.
273. Sonam Sharma and Bibhas R. Sarkar. Nano-Pd/g-C3N4 Composite as Efficient Catalyst for Aqueous Phase Suzuki-Miyaura Cross-coupling Reactions. National Conference in New Frontiers in Chemistry - From Fundamentals to Applications, January 28-29, 2017, K. K. Birla Goa Campus, BITS Pilani, India
274. Sonam Sharma and Bibhas R. Sarkar. Microwave assisted efficient Suzuki-Miyaura Cross-coupling Reactions in Water Catalyzed by Nano-Pd/gC3N4 Composite. International Conference in Nano- and Functional Materials (NFM-2017), BITS Pilani, Pilani Campus, Rajasthan, November 16-18, 2017.
275. Sonam Sharma and Bibhas R. Sarkar. Pd/gC3N4 nanocomposite as efficient catalyst for microwave assisted Suzuki-Miyaura Cross-coupling reactions in water. Short Invited Talk (SIT-03) at International Workshop on Advanced Materials (IWAM-2017), NIST Berhampur, Odisha, December 19-21, 2017.
276. Sachin Choudhary and Indresh Kumar. Organocatalytic enantioselective synthesis of fused 1,2-dihydropyridines via formal [4+2] cycloaddition between aqueous glutaraldehyde and dibenzo[b,f][1,4]oxazepine imines. International Conference in Nano- and Functional Materials (NFM-2017), BITS Pilani, Pilani Campus, Rajasthan, November 16-18, 2017.
277. Anoop singh, Indresh Kumar. Organocatalytic asymmetric synthesis of Indolyl-piperidines and related alkaloids. International Conference in Nano- and Functional Materials (NFM-2017), BITS Pilani, Pilani Campus, Rajasthan, November 16-18, 2017.
278. Pragati Fageria and Surojit Pande, Oral presentation on National Symposium on Global Environmental Challenges: Present Scenario (GECPS-2017) at Department of Botany, University of Rajasthan, Jaipur on 21st January, 2017.
279. Pragati Fageria and Surojit Pande, Poster presentation on 2nd National Conference on new Frontiers in Chemistry- from fundamentals to applications-II (NFCFA-2017), at Department of Chemistry BITS Pilani, K K Birla Goa Campus, Goa during 28-29 January, 2017.
280. Pragati Fageria and Surojit Pande Oral presentation on International Conference on Frontiers at the Chemistry - Allied Sciences Interface (FCASI-2017) at University of Rajasthan, Jaipur, organized by Center for Advanced Studies, Department of Chemistry, University of Rajasthan, Jaipur, during 22-23 July, 2017.
281. Pragati Fageria and Surojit Pande Oral presentation on National Conference on Nano-and Functional Materials (NFM-2017) at BITS Pilani, organized by Department of Chemistry, Birla Institute of Technology and Sciences, BITS Pilani, Rajasthan during 16-18 November, 2017.
282. Pragati Fageria, attended a One-day workshop on Soft Materials and Society at MNIT Jaipur organized by Soft Materials Research Society (SMRS) Jaipur and Dept. of Physics, Malaviya National Institute of Technology, MNIT Jaipur, on 15 Dec. 2017.
283. Roshan Nazir and Surojit Pande, Poster presentation on 2nd National Conference on new Frontiers in Chemistry- from fundamentals to applications-II (NFCFA-2017), at Department of Chemistry BITS Pilani, K K Birla Goa Campus, Goa during 28-29 January, 2017.

284. Roshan Nazir and Surojit Pande, Poster presentation on National Conference on Nano-and Functional Materials (NFM-2017) at BITS Pilani, organized by Department of Chemistry, Birla Institute of Technology and Sciences, BITS Pilani, Rajasthan during 16-18 November, 2017.
285. Analysis of Surface Finish Improvement during Ultrasonic Assisted Magnetic Abrasive Finishing on Chemically treated Tungsten Substrate, N Sihag, Prateek Kala and P M Pandey NAMRC-45, USC Los Angeles, USA 4-8 June 2017
286. MCDM Analysis for maintenance strategy selection, G. Gupta, R. P. Mishra, H. Shah, IEEE International Conference on Quality, Productivity, Reliability, Optimization and Modelling Faridabad, India Jan. 05-07, 2017.
287. Analysis of TPM Barriers using ISMMICMAC Approach, Anita Sharma, Rajesh P. Mishra, Ayon Chakraborty, Gajanand Gupta Joint international conference on interdisciplinary research & 8th international conference on quality, reliability, infocom technology and business operations (JIRICQRIT - 2017), Noida, india Feb 8-10th 2017
288. Effect of secondary branching on Piezo based powering mechanism to actuate artificial nanoswimmer. Shivani Nain, Jitendra Singh Rathore, NitiNipun Sharma 8th ISSS International Conference on Smart Materials, Structures & Systems Indian Institute of Science (IISc), Bengaluru, INDIA July 5-7, 2017
289. Experimental study on helical propulsion system of artificial nanoswimmer: Low Reynolds Number, Paul Varghese, Shivani Nain, Jitendra Singh Rathore and N.N. Sharma 17th IEEE International
290. Government Supported Generic Drug Supply Chain in India: A Study on Critical Success Factors Kush Gupta, Anuj Dixit, Srikanta Routroy and Sunil Dubey International Conference on Evidence Based Management 2017 (ICEBM2017), Department of Management BITS Pilani, Pilani Campus 2017
291. Co-Combustion of Municipal Sewage Sludge with castor seed shell in bubbling fluidized bed combustor under oxygen-enriched condition: Experimental Investigation Ravi Inder Singh and Rajesh Kumar, 15th International conference on environmental engineering, CSCE Annual Conference and Annual General Meeting (CSCE-2017), Vancouver, Canada, May 31 to June 03, 2017
292. Combustion Characteristics Of Municipal Sewage Sludge With Cotton Stalk In A Bubbling Fluidized Bed Under Air And Oxygen-Enriched Conditions, Rajesh Kumar and Ravi Inder Singh Proceedings Of The International Conference On Sustainable Energy And Environmental Challenges (Seec-2017), Mohali, India, 26 – 28 February, 2017
293. Investigation & Design Challenges of Advance Sensor/Material Selection for IoT based Protective Gears for Training/Impact scoring in Taekwondo Nitin Chaturvedi, Ajay Shekhawat, Bhavesh Verma, Sachin Belgamwar, Navneet Gupta, International Conference on Sports Engineering, ICSE-2017 Jaipur, 2017
294. Application of Fuzzy TOPSIS for evaluating machining techniques using sustainability metrics, Digalwar, A. K. Proceedings of International Conference on Recent Advances in Materials & Manufacturing Technologies (IMMT 2017), BITS Pilani Dubai campus, Dubai, UAE during 28-29 November, 2017.
295. Solving Identical Parallel Machine Scheduling problem using modified multi-objective particle swarm optimization, Bathrinath, S and Digalwar, A.K. Proceedings of 11th ISDSI International Conference, IIM Trichy during 27-30 Dec. 2017.
296. Application of a Hybrid Decision Making Approach for the Evaluation of Sustainable Supply Chain Practices, Digalwar, A. K. and Kannan Govindan Proceedings of 11th ISDSI International Conference, IIM Trichy during 27-30 Dec. 2017.
297. Theory of Constraints + Lean + Six Sigma: A Unified Framework to improve TLS Orientation Goyal, Animesh, Digalwar, A. K. and Gupta Mahesh Proceedings of 11th ISDSI International Conference IIM Trichy during 27-30 Dec. 2017.
298. A comparison of FMEA analysis using tradition RPN and TOPSIS method Gupta G., Mishra R. P., Agrawal P. Joint Indo-German Conference on Sustainable Engineering September 15-16, 2017 BITS Pilani
299. Analysis of TPM Barriers using ISMMICMAC Approach Anita Sharma, Rajesh P. Mishra, Ayon Chakraborty, Gajanand Gupta Joint international conference on interdisciplinary research & 8th international conference on quality, reliability, information technology and business operations (JIRICQRIT - 2017) Feb 8-10th 2017, Amity centre for interdisciplinary research, Amity university, Noida, India
300. Toyota principles and their applicability to the mining organization: some enablers and barriers, RP Mishra, 37th annual day national seminar on Advanced technology & innovation mining Industry Indian Institute of Metals, Khetri Nagar Rajasthan India
301. Crack propagation in functionally graded materials using phase field approach, Kiran Raj, Murali Palla Indian Conference on Applied Mechanics (INCAM) 2017 MNNIT Allahabad, 5-7 July 2017 Allahabad, 2017

302. Phase Field Modelling of Crack Propagation in Bioinspired Composites Kiran Raj, Murali Palla International Conference on Composite Materials and Structures-ICCMS 2017, Hyderabad 27-29th December 2017, Hyderabad 2017
303. Internalising the external cost of power generation from coal based power plants in India P.Srinivasan, Anand Shekar, Second International conference on Energy, Environment and Economics, ICEEE2018 11-13 December 2017, Heirot -Watt University, Edinburgh, UK 2017.
304. Creep life prediction of super heater coils used in coal based thermal power plants subjected to fly ash erosion and oxide scale formation, P.Srinivasan, Shashank Kushwaha, International Conference on Recent Advances in Materials & Manufacturing Technologies (IMMT 2017) ,29-29 November 2017 BITS-Dubai.
305. Simulation and Experimental Investigation of Melting Process in Spherical PCM Capsules Used for Low-Temperature Thermal Energy, Vivek Tiwari,, Kedar Patel P.Srinivasan, Second International Conference on Sustainable Energy and Environmental Challenges, SEEC2018, 31 December 2017 to 03 January 2018. IISc, Bangalore.
306. Investigations on Different Types of Fin Profiles by Simulation to Improve the Performance of PCM Materials Based Thermal Energy Storage System Kedar Patel, Vivek Tiwari and P.Srinivasan Second International Conference on Sustainable Energy and Environmental Challenges, SEEC2018, 31 December 2017 to 03 January 2018 IISc, Bangalore.
307. An investigation on thermal aspect in peripheral milling of thin-walled geometries, ManikandanHareendran, Ashutosh Madhavarao Bable, Tufan Chandra Bera, Proceedings on International Conference on Recent Trends in Engineering, Science & Technology Hyderabad, Telangana, India, 2016
308. Design of Vertical Integrated Aloe vera Supply Chain for Enhancing Farmers' Profit , Rahul Priyadarshi and Srikanta Routroy International Conference on Research and Business Sustainability IIT Roorkee, INDIA, December 16-17, 2017
309. A Analysis of Agility Performance of Supply Chain: A Case Study on Indian Automotive, Srikanta Routroy, Satyendra K Sharma and Bhardwaj, International Conference on Recent Advances in Materials and Manufacturing Technologies (IMMT 2017), BITS Pilani, Dubai Campus, 28th-29th, November, 2017,
310. Strategy for Enhancing Farmers Profit in Aloe Vera Supply Chain: A Case Study on Rural Rajasthan, Rahul Priyadarshi and Srikanta Routroy Joint Indo-German Conference on Sustainable Engineering, BITS Pilani, Pilani Campus, Rajasthan,15th-17th September, 2017
311. Government Supported Healthcare Supply Chain: Rajasthan's Journey towards Sustainability, Anuj Dixit, Srikanta Routroy and Sunil Dubey Joint Indo-German Conference on Sustainable Engineering. BITS Pilani, Pilani Campus, Rajasthan,15th-17th September, 2017
312. Study the Performance of Green Suppliers using Fuzzy Data Envelopment Analysis Shivi Agarwal, Trilok Mathur, Srikanta Routroy and Akshat Khandelwal Joint Indo-German Conference on Sustainable Engineering BITS Pilani, Pilani Campus, Rajasthan,15th-17th September, 2017
313. Measuring the impact of socially responsible supply chains on Firm performance Shombit Dhar, Satyendra Kr. Sharma, Srikanta Routroy and Saurabh Chadha Joint Indo-German Conference on Sustainable Engineering BITS Pilani, Pilani Campus, Rajasthan,15th-17th September, 2017
314. Thermo-Economic Analysis of a Solar-Coal Hybrid Power Plant Sunil, Manoj S Soni, Proceedings of the 24thNational and 2ndInternational ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017) BITS Pilani, Hyderabad, India 2017
315. Performance Improvement of Single Expander Transcritical CO2 Refrigeration Cycle Using an Earth Water Heat Exchanger, Sagnik Mukherjee, ManojSoni Proceedings of the 24thNational and 2ndInternational ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017) BITS Pilani, Hyderabad, India 2017
316. Study of Effects of Knurling on Heat Transfer of Rectangular Fins through Forced Convection, Manoj S Soni, Naga VeerendraGrandhi, ICAER 2017, 6th International Conference on Advances in Energy Research 2017 IIT Bombay, Mumbai, India, 2017
317. Integration of Solar Thermal Energy in Existing Subcritical Coal-Fired Power Plant for Fuel Saving, Sunil, Manoj S Soni, ICAER 2017, 6th International Conference on Advances in Energy Research 2017 IIT Bombay, Mumbai, India, 2017
318. Recent Advances of Hybrid Solar-Thermal Power Generation Systems for Sustainable Future, Sunil, Manoj S. Soni, Samyak Samar Joint Indo-German Conference on Sustainable Engineering" (theme - Skilling India for Digital and Sustainable Future) 2017 BITS Pilani, Pilani Campus, 2017
319. Techno-environment analysis of a solar thermal repowered coal based power plant, Samyak Samar, Manoj S. Soni, Sunil, Joint Indo-German Conference on Sustainable Engineering" (theme - Skilling India for Digital and Sustainable Future) 2017 BITS Pilani, Pilani Campus. 2017

320. Applicability of Concentrated Solar Thermal based Distillation unit for Semi arid region, Nikhil Gakkhar, Manoj S. Soni, Sanjeev Jakhar, Joint Indo-German Conference on Sustainable Engineering" (theme - Skilling India for Digital and Sustainable Future) 2017, BITS Pilani, Pilani Campus, 2017
321. Long term effect of partially replacing cement by waste marble slurry in concrete, Singh M., Pankaj Lamba., Srivastava A., and Bhunia D., First Congress on Technical Advancement (ASCE), Duluth, Minnesota, September 10-13th, 2017.
322. Spatial temporal analysis of major seaport freight flows in India, Sahu, P., Padhi, A., Patil, G., Mahesh, G., and Sarkar, A., 96th Annual Meeting, Transportation Research Board (TRB) Washington D.C., USA, 08th -12th January, 2017
323. A Comparative Study on Time Series Extrapolation of Spatial Data, Gaurav Kumar & Rajiv Gupta National Remote Sensing Centre (NRSC) - User Interaction Meet Hyderabad, January 24-25, 2017
324. A fuzzy based multi-criteria approach for assessing the sustainability of river Ganga, Srinivas, R., and Singh, A.P., International Conference 'Incessant Ganga', Water and land management Institute, Water Resource Department, Govt. of Bihar, Patna, Bihar, 25-26 February 2017
325. Aluminium industrial rejects: A potential resource for development of geopolymeric building materials, A Mohammed Najjar, M J Chaddha, P G Bhukte, V. V. Sakhare, N Azad, S Vadsariya, K R Rao, K Janbhandu, M T Nimje, S P Puttewar, A Agnihotri and S Jain, 96th Annual Meeting, Transportation Research Board (TRB) Washington D.C., USA, 08th – 12th January, 2017
326. Assessment of Inter-laminar Shear Strength in Hybrid Fiber Reinforced Composites, S. B. Singh, Sudhir Vummadisetti, and Himanshu Chawla, 20th International Conference on Composite Structures (ICCS20), Paris, 4-7 September 2017
327. Buckling and Postbuckling Studies of Laminated Composite Stiffened Plates, S.N. Patel, American Society for Composites (ASC) 32nd Annual Technical Conference Purdue, USA, 23-25, October 2017
328. Copper Bio-leaching technique for tailing waste at Hindustan Copper Limited, Khetri (Rajasthan), Sandeep Kumar, SK Verma, and Anupam Singhal, Advanced technology and innovations in mining industry Khetri, Jan 22, 2017
329. Critical Evaluation of Indian Standard for The Design of Laterally Loaded piles, Rawat, S., Prasad, V. and Mittal, R.K., 7th Conference on Deep Foundation Technologies for Infrastructure Development in India, Deep Foundation Institute. Chennai, October 5-7, 2017
330. Critical Evaluation of Site classification in the latest revision of Indian Seismic Code Mittal, R.K., Rawat, S. and Tangirala, A. (2017). Indian Geotechnical Conference – 2017, IIT Guwahati, India Guwahati, December 14-16, 2017.
331. Dynamic Buckling of Angle Ply Laminated Composite Plates Subjected to In-Plane Compression Loads V. Keshav and S.N.Patel 3rd Indian Conference on Applied Mechanics (INCAM-2017), Department of Applied Mechanics, Motilal Nehru National Institute of Technology(MNNIT). Allahabad, 5-7 July 2017,
332. Improving Load Carrying Capacity of Copper Tailings by Waste Tire Chip Reinforcement Gill, G. and Mittal, R.K. Indian Geotechnical Conference – 2017, IIT Guwahati, India December 14-16, 2017.
333. Evaluating Efficiency of Geo5 In the Analysis of Pile Foundation Rawat, S., Varghese, E., Mittal, R.K. and Kaushik, P 7th Conference on Deep Foundation Technologies for Infrastructure Development in India Chennai, October 5-7, 2017.
334. Evaluation of tack coat materials and application rates for asphalt interlayer bond strength Vinayak Malaghan and Amit Goel, 4th Conference of Transportation Research Group of India (CTRG) Mumbai, 17-20 December 2017
335. Evaluation of use of Bottom Ash in cement masonry and concrete regarding their mechanical properties, Rajiv Gupta, European Advanced Materials Congress, International Association of Advanced Materials, 22-24 August 2017
336. Flexural Response of CFRP Strengthened Masonry Walls S. B. Singh and Pankaj Munjal, 20th International Conference on Composite Structures (ICCS20), Paris, 4-7 September 2017
337. Flood-risk mapping using GIS, Rajiv Gupta, Harshvardhan Jha, Kamila Varma, Bikram Mann, International Perspective on Water Resources and the Environment Conference, IPWE 2017, Wuhan, China, January 4-6, 2017
338. Free Vibration Study of Plates Made up of Carbon Nanotubes Reinforced Composite Material, S.N. Patel, 3rd Indian Conference on Applied Mechanics (INCAM-2017), 5-7 July 2017
339. Goel, Development of relationship between DCP and LWD estimates for unbound layers of flexible pavements, V. Vyas, A. Goel, National Conference on Sustainable Engineering Practices In Materials, Water & Energy Technologies(SEPMWET-2017) Bahal, 18-19 March 2017
340. Identification of Suitable Ready Mix Concrete Suppliers using Geographic Information System, Nivedha, P., Athira, G., Bahurudeen A., and Sahu P, 71st RILEM Week & ICACMS, 2017, Chennai, September 3 - 8, 2017

341. Impact-based integrated simulation model to enhance water quality of Ganges. Srinivas, R., and Singh, A.P., 3rd International Conference on the Status and Future of the World's Large Rivers, New Delhi, India, New Delhi, 18-21 April 2017
342. Nonlinear dynamic response of laminated composite stiffened plates, S.N. Patel, International Conference on Composite Materials and Structures, IIT Hyderabad, Hyderabad, 27-29 December 2017
343. Purifying Porous Concrete for Drinking Water, Rajiv Gupta, Ayub Ahmed and Gaurav Tyagi, 5th Asia Conference on Mechanical and Materials Engineering (ACMME 2017) at University of Tokyo, Tokyo, Japan, June 9-11, 2017
344. Quantification of Ideal Spatial Accessibility Using Three Step Floating Catchment Area Method, Harish, P., Kanuganti, S., Sarkar, A.K., Singh A.P. 96th Annual meeting of Transportation Research Board, 08-12 January 2017, Washington, D.C, 08-12 January 2017
345. Spatial temporal analysis of major seaport freight flows in India Sahu, P., Padhi, A., Patil, G., Mahesh, G., and Sarkar, 71st RILEM Annual, Week & ICACMS 2017, Chennai, September 3 - 8, 2017
346. Study on feasibility of adding phase change material in wearing course using cold mix technology, Piyush Sharma and Amit Goel, 71st RILEM Annual Week & ICACMS 2017 Chennai, September 3 - 8, 2017
347. Time Series Prediction for Water Resource Management in Semi-Arid Zone, Gaurav Kumar & Rajiv Gupta 2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management, Jain Engineering College, Belgaum, Karnataka, India Belgaum, January 27-28, 2017
348. Resilience Based earthquake design of buildings: current practice, problems and opportunities in Indian scenario Harish Kumar Mulchandani and G Muthukumar ASCE India Conference on urbanization challenges in emerging economies New Delhi, 13th-14th December, 2017
349. Use of Hazard Consistent Ground Motions to Achieve Earthquake Resilient Design of Buildings Harish Kumar Mulchandani and G Muthukumar ASCE India Conference on urbanization challenges in emerging economies New Delhi, 13th-14th December, 2017
350. Model Tests on Strip Footings Resting on Tire-Chip Reinforced Sand Under Inclined Loading, Gill, G. and Mittal, R.K. ASCE India Conference on urbanization challenges in emerging economies IIT-New Delhi, 13th-14th December, 2017
351. Amit Jain attended the International Conference on Waste Water Management (ICWW-2017), August 17-19, 2017, Coimbatore, India.
352. Priya, Shruti Gupta. Srinivas Appari, Detailed kinetic modeling of NH₃ decomposition on Platinum, APCAT 7 (2017), January 17- 21, 2017, ICT Mumbai.
353. Shruti Gupta, Prasad Sunil Sahu, Srinivas Appari, Syngas production by reforming of biogas over Ni-based catalytic monoliths, CHEMCON- 2017, Haldia Institute of Technology, Haldia, West Bengal, India, December 27-30, 2017.
354. Amit Jain attended the International conference on Advanced Production and Industrial Engineering, New Delhi, India on October 6, 2017.
355. Smita Raghuvanshi attended & presented paper entitled "Waste water treatment plant life cycle assessment: treatment process to reuse of water", in 24th CIRP Conference on Life Cycle Engineering (CIRP LCE) 2017 held at Kamakura Japan, from March 8-10, 2017.
356. Roshan Chandra, Raman Sharma and Arvind Kumar Sharma, Attrition of Bed Particles in a Re-Circulating Fluidized Bed Reactor, IEA Clean Coal Centre's 8th International Conference on Clean Coal Technologies (CCT 2017), May 8 -12, 2017, Cagliari, Italy.
357. Abhishek Mishra, Roshan Chandra, Raman Sharma and Arvind Kumar Sharma, Cold Model Study of Re-Circulating Fluidized Bed Reactor for Chemical Looping Combustion, 6th National Conference on Chemical and Environmental Sciences: Emerging Dimensions & Challenges Ahead (NCCES -2017), April 1, 2017, Panipat, India.
358. Pradipta Chattopadhyay attended & presented paper entitled "Remediation of Diesel Contaminated Soil by Tween-20 Foam stabilized by Silica Nanoparticles", Proceedings of 4th International Conference on Chemical and Food Engineering (ICCFE 2017), Osaka, Japan, March 28-30, 2017.
359. Pradipta Chattopadhyay attended workshop- 4th Advance course in Surface Sciences being organized at New Delhi from Oct 30th- Nov 2nd, 2017. Pratik N Sheth attended International Conference on Sports Engineering, Oct 23-25, 2017 at Jaipur organised by BITS Pilani.
360. Parth Joshi, Tapas Kumar Patra and Pratik N Sheth, "Design Modifications to Improve Tar cracking and Catalytic Tar reforming in Biomass Gasification Systems: A review", Proceedings of International Symposium & 70 th Annual Session of IICHe in association with International Partners (CHEMCON-2017), Department of Chemical Engineering, Haldia Institute of Technology, Haldia, West Bengal, India, December 27-30, 2017.
361. Sharma, B. Patil, H.K. Mohanta, B. Roy, Ethanol Steam Reforming Over BICUVOX Catalyst for Hydrogen Production, Proceedings of the 70th Annual Session of Indian Institute of Chemical Engineers (CHEMCON-2017), Dec 27-30, 2017, Haldia Institute of Technology, Haldia, West Bengal.

362. Pratik N Sheth and Srinivas Appari attended the India Energy Forum by CERAWEEK, IHS Markit, Taj Diplomatic Enclave, Oct 8-10, 2017.
363. Dhage Sumit, Gupta Suresh, Jain Amit, Bioremediation of Waste Engine Oil by Bacteria Isolated from Engine-oil Contaminated Soil, Proceedings of 6th National Conference On Chemical & Environmental Sciences (NCCES -2017), Under aegis of The Indian Science Congress Association (Kurukshetra Chapter) April 01, 2017, Panipat, India.
364. Dhage Sumit, Gupta Suresh, Jain Amit, "Experimental and growth kinetics studies of bacterium isolated from waste automobile engine oil contaminated soil" Proceedings of International Conference on Waste Water Management (ICWW-2017), August 17-19, 2017, Coimbatore, India.
365. R. Arun Karthick, Pradipta Chattopadhyay, Remediation of Diesel Contaminated Soil by Tween-20 Foam stabilized by Silica Nanoparticles, Proceedings of 4th International Conference on Chemical and Food Engineering (ICCFE 2017), Osaka, Japan, March 28-30, 2017.
366. Jain, V., Kishore, P., Kumar, R. A., & Pani, A. K. (2017, January). Inferential Sensing of Output Quality in Petroleum Refinery Using Principal Component Regression and Support Vector Regression. In Advance Computing Conference (IACC), 2017 IEEE 7th International (pp. 461-465). IEEE, 5-7 January 2017.
367. Tapas K Patra and P N Sheth, "Parametric study of downdraft biomass gasification using a comprehensive transport and kinetic model", Proceedings of AIChE Annual Meeting 2017, Oct 29- Nov 3, Minneapolis, USA.
368. Stability of DNA molecule in crowded environment, Navin Singh 6th INTERNATIONAL CONFERENCE ON FUNCTIONAL ELECTRO CERAMICS AND POLYMERS, IIT Kharagapur, 20-22 February, 2017
369. IRAS 10427-6032 - An Embedded Star Cluster in the outskirts of the Carina Nebula Kaushar Vaidya, Souradeep Bhattacharya, Vatsal Panwar, Manash Samal, Wen-Ping Chen. 35th Astronomical Society of India Meeting Birla Auditorium, Jaipur, 6-10 March, 2017
370. Star formation toward IRAS 10427-6032 Kaushar Vaidya, Souradeep Bhattacharya, Vatsal Panwar, Manash Samal, Wen-Ping Chen, Devendra Ojha Francesco's Legacy: Star Formation in Space and Time Istituto Degli Innocenti Firenze, Italy, 5-9 June, 2017
371. ZnO Nano-structures for Gas Sensor Application: From Nano-Walls to Nano-Rods Growth Morphology S. Choudhary, A. Hazra, A. Agarwal, and S. Gangopadhyay, Internal workshop on Advanced Materials (IWAM 2017), NIST, Orissa, India Dec 19-21, (2017).
372. Zinc Oxide Nano-structures: From Nano-Wall to Nano-Rod Growth Morphology S. Choudhary, and S. Gangopadhyay, ETMN 2017, Solapur University, Maharashtra, Oct 6-7, 2017
373. Thin Cu Film Resistivity using Four Probe Techniques: Effect of Film Thickness and Geometrical Shapes S. Choudhary, and S. Gangopadhyay, ICC 2017 Bikaner, Nov 24-25 (2017)
374. Ionization of atoms by twisted electron: A new terrain to be explored, R. Choubisa 21st National Conference on Atomic and Molecular Physics (NCAMP) P.R.L., Ahmadabad during 3-6 January, 2017
375. Transport properties and sub-band modulation of the SWCNT Based Nano-Scale Transistors, Surender Pratap and Niladri Sarkar, International Workshop on Physics of Semiconductor Devices (IWPSD-2017) 11th-15th December 2017 held at IIT Delhi
376. Effect of empty sphere on the multiple scattering calculations in a cluster, Aditi Mandal, Pawas S. Shukla, Rakesh Choubisa and Didier Sébilleau, 21st National Conference on Atomic and Molecular Physics (NCAMP), P.R.L., Ahmadabad during 3-6 January, 2017
377. Unified description of p_T dependent Upsilon(1S) Suppression in hot QCD matter, C. R. Singh, S. Ganesh and M. Mishra, 17th International Conference on Strangeness in Quark Matter 2017 (SQM 2017), University of Utrecht, Netherlands during 10th -15th July, 2017
378. Investigation of the Effect of Scattering Centers on Low Dimensional Nanowire Channel Cariappa K S, Raja Shukla and Niladri Sarkar 2nd International Conference on Condensed Matter & Applied Physics 24-25 Nov 2017 Bikaner India
379. On the effects of Orbital Angular Momentum (OAM) and impact parameters on (e, 2e) process on atoms by twisted electron Aditi Mandal and R. Choubisa, XXX International Conference in Photonic, Electronic and Atomic Collision (ICPEAC) Cairns Convention Center, Cairns during 26 July-1st August, 2017
380. Designing And Fabrication Of Electrochromic Pixels Displays Using Di-Isopropylbenzyl Derivative Of Poly (3,4-Propylenedioxythiophene) S NAIR, Sindhu; N C, Shivaprakaha; L, Raja 9th International Conference on Materials for Advanced Technologies 18th to 23rd June 2017, Suntec, Singapore
381. Comprehensive study of bottomonium suppression under unified model of quarkonia suppression C. R. Singh, S. Ganesh and M. Mishra DAE - BRNS Symposium on Nuclear Physics 2017 Thapar University, Patiala during 20th - 24th Dec. 2017
382. Krishna M. at Contemporary Themes in India's Economic Development & the Economic Survey, Ministry of Finance, Government of India 11-17 June 2017
383. Krishna M., Kerala's Development Experience, University of Calicut, 10-11 January 2017

384. Monika Gupta, EcoMod Modeling School course on Energy and Environmental CGE Modeling with GAMS, EcoMod Modeling School in cooperation with the Singapore Institute of Statistics c/o Dept of Statistics and Applied Probability, National University of Singapore (NUS), 15th Jan to 19th Jan 2018
385. Monika Gupta System Dynamics Summer School, System Dynamic Society at Massachusetts Institute of Technology (MIT), 11th to 14th July, 2017
386. Geetilaxmi Mohapatra, AK Giri, Examining the Interlinkages of Energy Poverty, Income Poverty and Human Development for Indian States, Department of Economics, University of Malaya, Kuala Lumpur, Malaysia, August 21-22, 2017
387. Geetilaxmi Mohapatra, Examining the Relationship between Electricity Consumption, Economic Growth, Energy Prices and Technology Development in India (Geetilaxmi Mohapatra) Organized by Nanyang Technical University but held at Hotel Mandarin Orchard August 5-7, Singapore
388. Parimal Merchant, Arya Kumar and Debasis Mallik, Factors Influencing Family Business Continuity in Indian Small and Medium Enterprises (SME) BITS Pilani 17th -18th March 2017
389. Arya Kumar, Knowledge Management Framework for Decision Support System in Higher Education Institutes in India, IIM Trichy, 27th-30th dec , 2017

Goa Campus

1. Ankush Ashok Saddhe, Kundan Kumar (2017) Evaluation of Multilocus Marker Efficacy for Delineating Mangrove Species of West Coast India. 7th International Barcode of Life, Nov 20-24, 2017 South Africa.
2. Rakesh Manua and Kundan Kumar (2017) Identification and expression analysis of OsWKN9 gene in Arabidopsis thaliana and rice. InterDrought-V, Hyderabad from 21-25 February 2017.
3. Dr. Dibakar Chakrabarty presented a paper entitled ANTICOAGULANT AND WOUND HEALING PROPERTIES OF SEA-STAR (*Astropecten indicus*) COELOMIC FLUID co-authored by Mansi Baveja and Angshuman Sarkar at 19th World Congress of the International Society on Toxinology held at Haikou, Hainan, P.R. China in 24th to 31 October, 2017
4. Presented a poster at the International conference "Microbiology in the new Millennium : from Molecules to Communities" (MNM 2017) , held from 27th to 29th of October, 2017 at the new Unified Campus of Bose Institute, Kolkata. Title of Poster: The ORF7 of Phi11 and its bacteriostatic effect on E. coli cells
5. Conference attended for oral presentation from Dr. Indrani Talukdar's lab by her PhD student, Ms. Jiss Maria Louis in RNA meet, 2017, conducted from 26th-28th Oct, at Benaras Hindu University.
6. INVITED AND INAUGURAL TALK AT 9TH YOUNG INVESTIGATORS MEETING 2017, on 6th MARCH, 2017, GOA Structural changes in the binding site of a diguanylate cyclase induced by site directed mutagenesis. Sumit Biswas, Om Prakash Chouhan NSC 45, 2017, BHU Leaf Extracts from *Moringa oleifera*: A multidimensional prodigy? Sumit Biswas. 2nd International Conference on Nutraceuticals and Chronic Diseases 2017
7. Functional changes in a diguanylate cyclase from *Vibrio cholerae* induced by site-directed mutagenesis. Sumit Biswas¹, Om Prakash Chouhan¹ and Divya Bandekar¹. 23rd meeting of the International Network of Protein Engineering Centers (*INPEC*) held at Bose Institute, Kolkata.
8. Raviprasad Aduri's lab presented a poster "RNA secondary structure analysis of the 5' UTR of the Flavivirus genomic RNA" at Computational Chemistry and Computational Biology, an Indo-German workshop, conducted at IIIT Hyderabad, Hyderabad during November 29-30, 2017.
9. Raviprasad Aduri's lab presented a poster "Elucidating intrinsic disease specific markers for Dengue fever and severe Dengue" at a one day symposium on "New Perspectives in Biosciences" at Goa University, Goa on 7th December 2017.
10. Invited talk "A Online based Certificate Course between EAWAG and BITS Pilani"
11. Oral Presentation "Empowered septic tank as decentralized treatment system" and poster presentation "Pilot study of testing the use and production of Terra Preta and Phosphate Rich Organic Manure (PROM) for improving agricultural productivity" at The IWA S2Small2017 Conference on Small Water & Wastewater Systems and Resources Oriented Sanitation, Nantes, France, October 22 -26, 2017.
12. Vijayashree Nayak & Priyanka Dwivedi: Bioactive molecules incorporated gelatine spheres as a mode of sustained drug release for therapeutic application, university of California, USA, 2017
13. Priyanka Dwivedi, Ashok Kumar and Vijayashree Nayak: A study on nutritional supplement retinoic acid micro encapsulation induced sustained drug release for the treatment of arthritis International conference on challenges in drug discovery and delivery (ICCD3), March 2017
14. Invited lecture delivered for the International Conference on Reproductive Biology and Comparative Endocrinology & The 35th Annual Meeting of The Society for Reproductive Biology and Comparative Endocrinology 9th -11th February, 2017, Department of Animal Biology, University of Hyderabad,

- Hyderabad, on 'Liraglutide, a glucagon like peptide 1 analog, modulates adipokines expression during adipogenesis and ameliorates obesity as well polycystic ovary syndrome in mice.'
15. INVITED AND INAUGURAL TALK AT 9TH YOUNG INVESTIGATORS MEETING 2017, on 6th MARCH, 2017, GOA Leaf Extracts from *Moringa oleifera*: A multidimensional prodigy? Sumit Biswas. 2nd International Conference on Nutraceuticals and Chronic Diseases 2017
 16. Sunil Bhand, "Molecularly imprinted polymer decorated nanoparticles for selective determination of Tetracycline in milk" authored by Sunil Bhand and Atul Sharma at 12th Workshop on Biosensors and Bioanalytical Microtechniques in Environmental and Clinical Analysis, International Biosensor Conference organized by National Research Council Rome at Rome, ITALY 25-29 Sept. 2017. Prof Bhand also Chaired a session during the conference.
 17. Aruna Chandra Singh and Sunil Bhand "Flow injection electrochemical quartz crystal nano-balance based immunosensing platform for detection of 17 β -estradiol in water" oral presentation at 12th Workshop on Biosensors and Bioanalytical Microtechniques in Environmental and Clinical Analysis, International Biosensor Conference organized by National Research Council Rome at Rome, ITALY 25-29 Sept. 2017.
 18. Arun Kumar Prusty and Sunil Bhand, "Preparation and characterization of poly ortho Phenylenediamine nanofilm on Indium Tin (ITO) coated glass", has been presented at 4th International Conference on Nanoscience and Nanotechnology (ICONN 2017) jointly organized by SRM University, Chennai, India and Schizuka University, Japan during 09-11 August 2017. (Poster No. 748).
 19. Aruna Chandra Singh and Sunil Bhand, "Quartz Crystal Nano-balance based Immunosensor for Detection of 17 β -Estradiol in Water" has been presented at 4th International Conference on Nanoscience and Nanotechnology (ICONN 2017) jointly organized by SRM University, Chennai, India and Schizuka University, Japan during 09-11 August 2017. (Poster No. 750).
 20. Atul Sharma and Sunil Bhand, "Molecularly Imprinted Polymeric Nanoparticles for Selective Determination of Antibiotic Residue in Milk Sample", Poster presentation in ICONN 2017 (4th INTERNATIONAL CONFERENCE ON NANOSCIENCE AND NANOTECHNOLOGY, 9-11th August, 2017, SRM University, Chennai, INDIA) (Poster No. 749).
 21. Amrita Chatterjee, "Aggregation-Induced Emission active probes for heavy metal ions, anions and neutral molecules" 2nd National Conference on New Frontiers in Chemistry from Fundamental to Applications-II (NFCFA 2017), 28-29 January, 2017, BITS Goa.
 22. Amrita Chatterjee, "Aggregation-Induced Emission active probes for heavy metal ions, anions and gases", 9th International Conference on Materials for Advanced Technologies" (ICMAT2017), 18th- 23rd, June 2017, Santec, Singapore.
 23. Ram Uttam Gawas, Mainak Banerjee and Amrita Chatterjee "Mesoporous Silica based "turn-on" Type Fluorescent Chemodosimeter for the Detection of Perborate ion in water", 2^{1st} CRSI National Symposium in chemistry CRSI NSC-21, July 14-16, 2017, IICT, Hyderabad.
 24. Vikash Kumar, Amrita Chatterjee, and Mainak Banerjee "Water Soluble Cationic Tetraphenylethene: an Aggregation Induced Emission (AIE) active auto-fluorescent probe for the selective detection of E. coli, , 9th International Conference on Materials for Advanced Technologies" (ICMAT2017), 18th- 23rd, June 2017, Santec, Singapore.
 25. Zigme T. Bhutia, Amrita Chatterjee and Mainak Banerjee "A facile hand-grinding route for the synthesis of 8-Aryl-7-oxa-4-thia-1-aza-bicyclo[3.2.1]octane 4,4-dioxides via nitron formation followed by dipolar cycloaddition", 21st CRSI National Symposium in chemistry CRSI NSC-21, July 14-16, 2017, IICT, Hyderabad.
 26. Zigme T. Bhutia, Amrita Chatterjee and Mainak Banerjee, "C-H bond activation in aqueous micellar media: Alkylation of 3-position of indole using L-Proline" in NFCFA2017, Chemistry BITS Pilani K K Birla Goa Campus on 28-29 February 2017.
 27. Mondal, T. "Jahn-Teller effect and subfemtosecond photodynamics at threefold electronic degeneracies" at DST-INSPIRE Faculty Monitoring-cum-Interaction Meet (Chemical & Material Sciences) 16-17 January, 2017, at KIIT University, Bhubaneswar, Odisha, India.
 28. Mondal, T. "Role of Jahn-Teller effect in structural chemistry: The distinct structures of two similar systems" at 2nd National conference on New Frontiers in Chemistry – From Fundamentals to Applications-II (NFCFA2017) 28-29 January, 2017 at Department of Chemistry, BITS Pilani, K K Birla Goa Campus, India.
 29. Ranjan Dey and Piyashi Biswas, "Novel approaches for viscometric prediction of binary and higher order liquid mixtures" at 6TH ROSTOCKER INTERNATIONAL CONFERENCE: "THERMOPHYSICAL PROPERTIES FOR TECHNICAL THERMODYNAMIC(THERMAM 2017,) 17TH-18TH JULY, 2017, at Department of Technical Thermodynamics, University of Rostock, Rostock , Germany.

30. Panda, R. N. "Tuning of Magnetic Properties of nanostructured materials developed by novel synthetic strategies", 'International Conference on Magnetic Materials and Applications, (ICMAGMA-2017) Feb. 1-3, 2017 at Defence Metallurgical Research Laboratory, Hyderabad, INDIA
31. Banerjee, S. "Synthesis and spectral studies of push-pull dibenzodioxins and phenazines – efforts towards heteroacenes with long wavelength properties" at "International Conference on Nano- and Functional Materials: Interface between Science and Engineering (NFM-2017)" hosted by Department of Chemistry, BITS Pilani, Rajasthan, 16-18th Nov 2017.
32. Jayadevan, K. P. "Computational Study of trends in Solvation Energy and Donor-Acceptor interactions of Benzoxaborole-based Neutral Molecules" at National Symposium on Convergence of Chemistry & Materials (CCM-2017) 21-22 December 2017, at Department of Chemistry, BITS-Pilani, Hyderabad campus.
33. Ghosh, NN. Moitra, D. Chandel, M. Ghosh, BK. Jani, R.J. Patra, MK and Vadera SR. "Development of Novel Synthetic Methodologies for Preparation of Graphene based Multifunctional Nanocomposites"(Oral Presentation) at 2nd National Conference on New Frontiers in Chemistry From Fundamental to Applications (NFCFA 2017) 28-29 January, 2017 at Department of Chemistry, BITS Pilani, KK Birla Goa Campus.
34. Ghosh, BK. Hazra, S. and Ghosh, NN. 'Synthesis of Cu@CF@SBA15: A Versatile catalysts for (i) reduction of dyes, trifluralin, Synthesis of (ii) DHPMs by Biginelli reaction and (iii) 1,2,3-triazole derivatives by 'Click reaction'. at 2nd National Conference on New Frontiers in Chemistry From Fundamental to Applications (NFCFA 2017) 28-29 January, 2017 at Department of Chemistry, BITS Pilani, KK Birla Goa Campus.
35. Moitra, D. and Ghosh, NN. 'Synthesis of BiFeO₃ nanowire-Reduced Graphene Oxide based Magnetically Separable nanocatalyst and its Versatile Catalytic Activity towards Multiple Organic Reactions.' at 2nd National Conference on New Frontiers in Chemistry From Fundamental to Applications (NFCFA 2017) 28-29 January, 2017 at Department of Chemistry, BITS Pilani, KK Birla Goa Campus.
36. Chandel, M. and Ghosh, NN. 'CoFe₂O₄-reduced graphene oxide nanocomposites: a highly efficient magnetically separable recyclable photocatalyst for dye degradation. at 2nd National Conference on New Frontiers in Chemistry From Fundamental to Applications (NFCFA 2017) 28-29 January, 2017 at Department of Chemistry, BITS Pilani, KK Birla Goa Campus
37. Anjan Chattopadhyay, "**A computational investigation of the photochemical oxaziridine conversion process of some experimentally analyzed small-chain conjugated nitrones**" at the **4th International Conference on Physical and Theoretical Chemistry** during September 18-19, 2017 at Dublin, Ireland.
38. Anjan Chattopadhyay, "**Isomerization channels of donor-acceptor hexatrienes through conical intersections**" at the NFCFA 2017, BITS-Pilani, K.K.Birla Goa Campus during January 28-29, 2017
39. Vikash Kumar, Viraj Naik, Amrita Chatterjee, and Mainak Banerjee "Water Soluble Tetraphenylethenes: an Aggregation Induced Emission (AIE) active auto-fluorescent probe for detection and imaging" at International Conference on NANO- AND FUNCTIONAL MATERIALS: Interface between Science & Engineering (NFM-2017) 16 – 18 November 2017, Pilani, Rajasthan.
40. Sunil Bhand, "Nanomaterials integrated biosensing platform: Application in ultrasensitive chemical and biological analysis". Session -Biocompatible systems for medical applications, theranostics and devices for drug delivery at 6th International Symposium on Integrated Functionalities **ISIF 2017** organized under aegis of Material Research Society of India (**MRSI**), Dec 10-13, 2017 N. Delhi India. <http://isif2017.com/home.aspx>
41. Ranjan Dey, "New simple and effective methods for viscosity prediction of binary and higher order liquid mixtures", at Theoretical Chemistry Group, Heidelberg University, Heidelberg, Germany, 13th July, 2017.
42. Ranjan Dey, "Novel pathways for viscometric prediction of binary and multicomponent liquid mixtures", at Department of Chemistry, University of Allahabad, Allahabad, 13th April, 2017.
43. Halan Prakash, "Activation of Peroxo compounds using metal complexes for oxidative degradation of organic compounds and inactivation of bacteria in water", at NIREAS, NIREAS Speaker Series, when ideas flow. Cyprus, 30 June, 2017.
44. NN Ghosh, "New Synthesis Strategies for Multi-functional Nanomaterials: Microwave Absorber, Catalysts, Fluoride Adsorbent", Sensor at University Of Tennessee, Knoxville, USA 12th July 2017.
45. A.P.Koley, "Study of DNA Binding and Cytotoxicity of Some Copper(II) and Mixed Ligand Cu(II)/Zn(II) Complexes containing Heterocyclic Bases using Spectroscopic Techniques" in Session 2-5: Molecular Spectroscopy and Dynamics & Advanced Vibrational Spectroscopy and Applications at AnalytiX-2017 (5th Annual Conference of AnalytiX-2017) during 22nd-24th March 2017 at Hotel Hilton Fukuoka Sea Hawk, Fukuoka, Japan.
46. Surendran Ganesan, S. S. Baral, Selection of suitable adsorbent for the removal of Cr(VI) by using objective based multiple attribute decision making (MADM) method, 12th Conference on Sustainable

- Development of Energy, Water and Environment Systems (SDEWES-2017) Conference, 4th - 8th October, 2017, Dubrovnik, Croatia.
47. Saroj Sundar Baral*, Akash Gandhi, Ankit K Othari, Gourav Gupta, Parag Jain, Potential of Biofuel production from microalgae through Municipal wastewater treatment, 12th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES-2017) Conference 4th - 8th October, 2017, Dubrovnik, Croatia.
 48. Ridhish Kumar, Sudeep Nandukkandy & Anirban Roy "Developing a Prototype: "Portable" Solution for "Potable" Water", Universal Academic Cluster, Bangkok, Thailand, Jan 16 2018
 49. Tanmay Singhal and Manjare S. D., "Dynamic Modelling Studies on Reactive Absorption of SO₂ from Flue Gas in Coal Based Thermal Power Plant", published in the proceedings of International Conference on Sustainable Development of Energy, Water and Environment System, held at Dubrovnik, Croatia, October 4-7, 2017.
 50. Amit Shanbag and Manjare S.D., "Life Cycle Assessment of Tyre Manufacturing Process", published in the proceedings of International Conference on Sustainable Development of Energy, Water and Environment System, held at Dubrovnik, Croatia, October 4-7, 2017.
 51. Khantil Buch, S. D. Manjare, "Environmental Impact Assessment Methodologies: A Review and a New Approach for Assessment", presented and published in the proceedings of 11th ISDSI (Indian Subcontinent Decision Sciences institute) International Conference e held at IIM Trichy , during December 27-30, 2017.
 52. Ketaki Deshmukh, Sutapa Roy Ramanan and Meenal Kowshik, "Hydroxyapatite nanoparticles as fluorescence probes for bio-imaging and gene delivery applications", Advances in Functional Materials, UCLA, Aug 14-17, 2017, USA.
 53. Krupa Balakrishnan and Sutapa Roy Ramanan, "Graphene based solutions for corrosion protection on low alloy steel", Advances in Functional Materials, UCLA, Aug 14-17, 2017, USA.
 54. Pranjita G. Zantye, M. Monsoor Shaik, Fiona Fernandes, Meenal Kowshik and Sutapa Roy Ramanan, "Biocompatible Hydroxyapatite nanoparticles for bioimaging applications", 33rd National Convention of Chemical Engineers on "Nanotechnology and its applications for sustainable development in chemical industries" 09-10th September 2017, Pune.
 55. Kavita Kadu, Vinay Kaushik, Meenal Kowshik and Sutapa Roy Ramanan, "Doping induced quenching of self-activated fluorescent hydroxyapatite nanoparticles", 33rd National Convention of Chemical Engineers on "Nanotechnology and its applications for sustainable development in chemical industries"; 2017, Sept 09-10; Pune.
 56. Mohd. Mubashshir and Asima Shaukat, "Strain-induced yielding in a colloidal suspension under influences of external stress and temperature", Comflu 2017, IIT Madras, Dec 16 – 18, 2017, Chennai, India
 57. S. Grover, A. Deshpande, T. Ravindran and J. Nambi Krishnan*, "Design and Development of a Microfluidic Platform for Water Analysis", 2017 TechConnect World Innovation Conference and Expo (NanoTech-2017), Gaylord National Resort and Convention Center, National Harbor, Washington D. C., U. S. A.
 58. K. Dhingra, S. Gupta, M. Sarupriya, S. Kumar and J. Nambi Krishnan, "Study on the Role of Additives in Non-cyanide Baths for the Fabrication of Anisotropic Metallic Nanostructures", 232nd ElectroChemical Society Meeting, 2017 Gaylord National Resort and Convention Center, National Harbor, Washington D. C., U. S. A.
 59. Anirban Roy, "How can we tune the biological response of a membrane surface: an investigative study" Biological Engineering Society Conference (BESCON) 2017
 60. Manjuri K. Koley : Invited Speech entitled: Study of DNA Binding and Catechol Oxidase Activity of Some Copper (II) Complexes Containing N-S Donor Ligand Using Spectroscopic Techniques in Session 2-5: Molecular Spectroscopy and Dynamics & Advanced Vibrational Spectroscopy and Applications at 5th International Conference of AnalytiX-2017 (AnalytiX-2017) held on March 22-24, 2017 in Fukuoka, Japan.
 61. Prerna Khurana, Puneet Agarwal, Gautam Shroff, Lovekesh Vig, Ashwin Srinivasan: Hybrid BiLSTM-Siamese network for FAQ Assistance. CIKM 2017: 537-545
 62. Lovekesh Vig, Ashwin Srinivasan, Michael Bain and Ankit Verma. An investigation into the role of domain-knowledge on the use of embeddings. 27th International Conference on Inductive Logic Programming. To appear in Lecture Notes in Computer Science (LNCS), Springer.
 63. [Deepika Vatsa](#), [Sumeet Agarwal](#), Ashwin Srinivasan. Learning transition models of biological regulatory and signaling networks from noisy data. [CODS 2016](#): 9:1-9:6
 64. Ashwin Srinivasan, [Gautam Shroff](#), [Lovekesh Vig](#), [Sarmimala Saikia](#): Generation of Near-Optimal Solutions Using ILP-Guided Sampling. 26th International Conference on Inductive Logic Programming, 120-131

65. [Sarmimala Saikia](#), [Lovekesh Vig](#), Ashwin Srinivasan, Gautam Shroff, Puneet Agarwal, Richa Rawat: Neuro-Symbolic EDA-Based Optimization Using ILP-Enhanced DBNs. [CoCo@NIPS2016](#)
66. Ashutosh Saboo, Anant Sharma, Tirtharaj Dash: GASOM: Genetic Algorithm Assisted Architecture Learning in Self Organizing Maps. ICONIP (1) 2017: 230-239 [CORE A]
67. Preetham N. Reddy, Sahith N. Dambekodi, Tirtharaj Dash, "Towards Continuous Monitoring of Environment under Uncertainty: A Fuzzy Granular Decision Tree Approach", In proc: Development aspects of Intelligent Adaptive Systems (DIAS); Innovations in Software Engineering Conference (ISEC-2017), Jaipur, India (Feb 5-7, 2017).
68. Gawas Mahadev .A.; Lucy J. Gudino.; Anupama, K.R., "Cross Layer Approach for Effective Multi Hop Broadcast in VANET" 9th International Conference on COMMunication Systems & NETWORKS COMSNET 17, (IEEE) Bangalore, India.
69. Gawas, Mahadev .A.; Palash H, Lucy J. Gudino." Cross Layer Design for Efficient Dissemination of Emergency Messages in VANETs" 2017 Ninth International Conference on Ubiquitous and Future Networks (ICUFN). Milan Italy.
70. Gawas Mahadev A, Modi k., Palash H., Lucy J. Gudino, " QoS Based Multipath Routing in MANET: A Cross Layer Approach" International Conference on Communication and Signal Processing – ICCSP 17, (IEEE), India.
71. Soumyadip Bandyopadhyay, Santonu Sarkar, D. Sarkar, C R Mondal, "SamaTulyata: An Efficient Path Based Equivalence Checking Tool"- 15th International Symposium on. Automated Technology for Verification and Analysis, ATVA, Pune 2017
72. Soumyadip Bandyopadhyay, Kunal Banerjee, Santonu Sarkar, "An End to End Formal Verifier for Parallel Programs", 12th International Conference on Software Technologies, Spain 2017
73. Santonu Sarkar, Rumana Lakdawala, Subhajt Datta, "Predicting the Impact of Software Engineering Topics: An Empirical Study", BIGSCHOLAR@ 26th Intl. World Wide Web Conference, Australia 2017
74. A. V. George, S. Manoj, S. R. Gupte, Santonu Sarkar, "An Empirical Evaluation of Design Abstraction and Performance of Thrust Framework", PSTI@The 46th IEEE International Conference on Parallel Processing, UK 2017
75. S. Venkateshwaran, Santonu Sarkar, "Uptime Optimized Cloud Architecture as a Brokered Service"- 47th Annual IEEE/IFIP International Conference on Dependable Systems and Networks, DSN 2017, USA
76. A. V. George, S. Manoj, S. R. Gupte, S. Mitra, Santonu Sarkar, "Thrust++: Extending Thrust Framework for Better Abstraction and Performance", 24th IEEE International Conference on High Performance Computing Jaipur 2017
77. Agarwal S., Mittal N., Sureka A., "Potholes and Bad Road Conditions- Mining Twitter to Extract Information on Killer Roads", The ACM India Joint International Conference on Data Science & Management of Data (CoDS-COMAD), India. 2018
78. R.K. Roul and S.K. Sahay, "Categorizing Text Data using Deep Learning: A Novel Approach" ICCIDM, 11-12th Nov. 2017, Proceedings in Springer Advances in Intelligent Systems and Computing.
79. Sanjay Sharma, Rama Krishna and S.K. Sahay, "Detection of Advanced Malware by Machine Learning Techniques" International Conference on Soft Computing: Theories and Applications, 22-24 Dec. 2017, Proceedings in Springer, Advances in Intelligent Systems and Computing.
80. Debasis Das and P. Sharma, Algorithm for Prediction of Negative Links using Sentimental Analysis in Social Networks, IEEE 13th International Wireless Communications and Mobile Computing Conference (IWCMC) 2017, June 26-30, 2017, Valencia, Spain[Core Ranking: Core B]
81. Debasis Das, Distributed Algorithm for Geographic Opportunistic Routing in VANETs at Road Intersection, DASC/PiCom/DataCom/CyberSciTech 2017, 6-10 November 2017, Florida, USA[Core Ranking: Core C]
82. Naresh Peshwe and Debasis Das, Algorithm for Trust Based Policy Hidden Communication in the Internet of Things, The 42nd IEEE Conference on Local Computer Networks (LCN), October 9-12, 2017, Singapore [Core Ranking: Core A]
83. Akshita Bhandari, Ashutosh Gupta and Debasis Das, "Betweenness Centrality Updation and Community Detection in Streaming Graphs using Incremental Algorithm", 6th ACM International Conference on Software and Computer Applications (ICSCA 2017), Bangkok, Thailand, Feb 26-28, 2017[Scopus Index].
84. Debasis Das and Amrithesh Kumar, Algorithm for Multicast Opportunistic Routing in Wireless Mesh Networks, 6th ACM International Conference on Software and Computer Applications (ICSCA 2017), Bangkok, Thailand, Feb 26-28, 2017[Scopus Index].
85. Debasis Das and Harsha V., "Secure Opportunistic Routing for Vehicular Ad Hoc Networks", Springer International Conference on Information and Communication Technology for Intelligent Systems(ICTIS) 2017, 25-26, March, 2017, Ahmedabad, India[Scopus Index].

86. Debasis Das and Harsha V., Connectivity Models for Wireless Sensor Networks: Algorithms, Classifications and Applications, IEEE International Conference on Invention Computing and Informatics (ICICI 2017), November 23-24, 2017, Coimbatore, India [Scopus Index].
87. Rajib Bag, Debasis Das and Rajiv Kumar, "An Architecture of Smart Transportation System using modified RR algorithm and VANET, 8th ICCCNT 2017 : 8th International Conference on Computing Communication and Networking Technologies 2017, 3-5 July, 2017, IIT Delhi, India [Scopus Index, DBLP].
88. Debasis Das and Harsha V., "Design and Safety Verification for Vehicle Networks", Springer International Conference on Ubiquitous Communications and Network Computing (UBICNET) 2017, 3-5 August 2017, Bangalore, India [Scopus Index, DBLP].
89. Trupil Limbasiya, Debasis Das and Ram Narayan Yadav, A Reputation-Based Trust Management Model in Multi-hop Cognitive Radio Networks, 5th International Conference on Advanced Computing, Networking, and Informatics [ICACNI - 2017], 01 - 03 June 2017, Goa, India [Scopus Index, DBLP].
90. Prasad Talasila, Aparajita Haldar, Suhas S. Pai, Neena Goveas, and Bharat M. Deshpande, , Multimodal Transit Scheduler: An Actor-based Concurrent Approach, 20th IEEE International Conference on Intelligent Transportation Systems, Yokohama, JAPAN. October 16 - 19, 2017.
91. Gargi Alavani and Bharat Arora, "Microbenchmarking Tesla K20 GPU for estimating execution time of a CUDA program", Student Research Symp. 24th IEEE HiPC 2017
92. Swati Agarwal: "Investigating the Role of Twitter in E-Governance by Extracting Information on Citizen Complaints and Grievances Reports", The Fifth International Conference on Big Data Analytics (BDA 2017), Hyderabad, India
93. Examining Changes in the Level and Shape of Income Distributions in India, 2005-2012 (with A Kar) at International Conference on Economics and Development (ICED 2017)organised by University of Sri Jayewardenepura, Sri Lanka in association with Warmadewa University, Indonesia at Colombo, Sri Lanka, during June 15-16, 2017.
94. Sen Gupta, Rajorshi and Mark Musumba, "Implications of land and human capital endowment on labor allocation decisions among staple producers in Tanzania, CIMMYT-Columbia University Webinar: Mapping Sustainable Development Goals and Data Needs for Maize Intensification Plans, 2017.
95. Sen Gupta, Rajorshi, Cost of Implementing "Purchase for Progress" Contracts in Conflict prone regions, International Conference on Entrepreneurship, E Commerce, Management, Law, Gender Studies, Humanities, & Social Sciences, Goa, March 2017.
96. Debasis Patnaik 'Measuring Efficiency and Trust in a Corporatized Education Model after Diversity Assessment' Presented in 'Conference on Diversity in Organizations: An Economic Approach' held in 26th July 2017 in University of Toronto, Canada.
97. Invited by Deptt of Economics, Yogi Vemana University, Kadappa, Andhra Rayalaseema to speak on 1- Industrialization Processes in India ; 2- Research trends and approaches in Social Sciences and its Holistic Interfaces in 22-23 Dec 2017.
98. Vellakkal S (2017). Effects of program design and implementation aspects on program outcomes: An equity-wise impact assessment of National Health Mission, using a quasi-experimental study design. 12th World Congress of the International Health Economics Association, Boston University, July 7-11, 2017.
99. Mishra, Aswini & Kar, Atasi. (2017). Examining Changes in the Level and Shape of Income Distributions in India, 2005-2012 in the conference proceedings of International Conference on Economics and Development, Colombo, Sri Lanka. 34-47. DOI: <https://doi.org/10.17501/iced.2017.1104>.
100. Prabhudesai, R., Prasad, Ch.V.V.S.N.V , Walwadkar, S., & Agrawal, S., (2017): "Analyzing the Impact of Perceived Environmental Uncertainty on SME Alliance Formation: An Indian Perspective", Proceedings of International Conference on Strategies in Volatile and Uncertain Environment for Emerging Markets July 14-15, 2017 Indian Institute of Technology Delhi, New Delhi pp.550-556.
101. M. V. Shenoy , K R Anupama, N.Manjrekar , M. Shamsi Indoor localization in NLOS conditions using Asynchronous WSN and Neural Network--6th International conference on communication and Signal Processing- April 2017
102. Rahul Singh, Akshay Chaturvedi and C K Ramesha Smart Health-care Monitoring System - Optical Heart Rate Monitor. 4th IEEE International Conference on Recent Advances In Information Technology Indian Institute of Technology (ISM), 15th - 17th March'18 | Dhanbad, INDIA (Accepted)
103. Rajalekshmi Kishore, Ramesha C. K., Sanjeev Gurugopinath, and Eshaan Sangodkar, Energy Efficiency Optimization for Superior Selective Reporting-based Spectrum Sensing," 2017 IEEE 28th Annual International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC), Montreal, Canada, 2017, pp. 1-6.

104. Pravin Mane , Sudeep Mishra, Ravish Deliwala, Ramesha C. K., “Adder Implementation in Reconfigurable Resistive Switching Crossbar”, 18th International Symposium on Quality Electronic Design (ISQED 2017), 14-15 March, 2017, Santa Clara (USA), (ISBN:978-1-5090-5404-6, pp. 403-408)
105. Nalband S., Valliappan CA., Gupta R., Prince, A. A., and Agarwal, A. Feature Extraction and Classification of Knee Joint Disorders Using Hilbert Huang Transform. 14th Annual IEEE Conference of ECTI Society, (ECTI-CON 2017), pp. 266-269, June 27-30, 2017 Phuket, Thailand, IEEE.
106. A.Srinivasulu & D. Pal, “CCII+ based dual square-and-triangular waveform generator”, 9th IEEE International Conference on Electronics, Computers and Artificial Intelligence (ECAI-2017), University of Valahia of Targoviste, Romania, 29 June – 01 July 2017.
107. S. K. Dhakad and T. Bhandari, "A hexagonal broadband compact microstrip monopole antenna for C band, X band and Ku band applications," 2017 International Conference on Computing, Communication and Automation (ICCCA), Greater Noida, India, 2017, pp. 1532-1536. IEEE doi: 10.1109/CCAA.2017.8230045S. Baudha and S. K. Dhakad, "Miniaturized compact super broadband printed monopole antenna," 2017 International Conference on Nextgen Electronic Technologies: Silicon to Software (ICNETS2), Chennai, 2017, pp. 30-33. IEEE doi: 10.1109/ICNETS2.2017.8067891
108. A Ravichandran, A Alnoman, N Sharma, A Anpalagan, Traffic offloading problem in two-tier HetNets with D2D support for emergency communications. Humanitarian Technology Conference (IHTC), 2017 IEEE Canada International
109. Mandar Pradhan, Nitin Sharma, Adaptive Orthogonal Frequency Division Multiplexing Simulation for Under Water Communication, Accepted for Publication in IEEE WiSPNET 2017
110. Patil Siddhant Vitthal, Sundaresan Balasubramanian, Pravin S. Mane, “Color Analysis and Classification Based on Machine Learning Technique Using RGB Camera”, 2017 IEEE International Conference on Computational Intelligence and Computing Research (2017 IEEE ICCIC)
111. Prof. M. K. Deshmukh - Invited for Keynote address and Chairing Technical Session on Smart Grid Technologies for Energy management”, in i-PACT-17, International Conference on Innovations in Power and Advanced Computing Technologies, -PACT-2017, at School of Electrical Engineering, VIT, Vellore, India, 21-22, April, 2017
112. Invited-talk by D. Pal, titled, “Effort Delay and Appropriate Optimization Techniques”, delivered by Dipankar Pal in the 30th IEEE (Technically Sponsored) Symposium on Integrated Circuits and Systems Design (SBCCI 2017) held from 28 August to 01 September 2017, at Hotel Seara Praia, in Fortaleza, Brazil.
113. Invited talk by Nitin Sharma in Defense Electronics Conclave DEFCON-2017 titles “Industry Academia partnership for indianisation for Defense Sector”, held on April 28th, 2017 at Hyderabad International Convention Centre (HICC).
114. Technical session by Pravin Mane in Short Term Training Program (STTP) on “Research and Analytical Approach beyond CMOS (RAAC-2017)”, held from 12th June, 2017, at Sinhgad Institute of Technology, Lonavala (Pune University).
115. Rayson K Alex “Voices of Eco-resistance in India: A Critique of Neoliberal Natures” International Conference on Rust/Resistance: Works of Recovery held at Wayne State University, Detroit MI, USA 20-24 June, 2017
116. Parichay Patra, "Jesus, Magdalene and the Filipino Judas: Lav Diaz and his 'Artless' Epics": Paper presented at the symposium 'Lav Diaz: Journeys', Westminster School of Media, Art and Design, University of Westminster, UK, March 4, 2017.
117. Basavadatta Mitra & Debasis Patnaik, "Integrating Corportae Model of Evaluating Organisational Behaviour in Indian Educational Institutions: The BITS Goa Case study" presented at 17th international Conference on Diversity in Organisations, Communities and Nations, University of Toronto-Chestnut Conference Centre, Toronto, Canada, 26-28 July, 2017
118. Nilak Datta “Manufacturing the Marvels and Wonders of Hindoostan in the Gilded Age: The 1893 Chicago Exposition and the Parliament of Religions”. South Asian Literary Association.. Philadelphia, PA, USA. 2-4 Jan, 2017
119. Amitendu Bhattacharya “Accounting for Taste: Culinary and Alimentary ReConfigurations in Colonial Bengal” at the International Conference “Writing/Righting Wrongs/ Agraviuous del pasado, re-creaciones del presente”, organized by the Spanish Association for Interdisciplinary India Studies and the Departament de Filologia Anglesa i de Germanistica, Universitat Autònoma de Barcelona, Spain 29 Nov-1 Dec, 2017.
120. R. P. Pradhan & Pushpendu Ghosh “Factory Asia & India’s Regional Terms of Trade: Case of India’s Trade Creation or Trade Diversion?”, International Conference on Applied Economics & Policy, University of Malay, Kuala Lumpur, Malaysia 21-22 Aug, 2017

121. K. A. Geetha "Reading Srilankan Tamil Literature as Dalit Literature" Presented at the International Conference on Humanities and Social Sciences organized by University of Humboldt, Berlin, Germany 18- 21 May, 2017.
122. K. A. Geetha" Fiction and Reality : The Politics of Panchamar Lands" Presented at the International Conference on Multidiciplinary Research Organised by Singapore Tamil language Centre and American College, Madurai at Singapore 27-30 Dec, 2017
123. Solano Da Silva, 2017. 'The Political-Economy of Land in Goa and the Distortion of Planning and Democracy' presented at National Conference on State Politics in India:Perspectives from the Western Region organised by the Department of Political Science, Goa University at Dhempe College of Arts & Science, Miramar, Goa. 21-Nov-2017
124. Rayson K. Alex "'Making Sense of People's Voices:' Ecocultural Justice and the Construction of Mopa Airport in Goa" International Conference on Environmental Justice: Culture Resistance and Ethics at Dr. K. N. Modi University, Rajasthan, on. The conference was co-sponsored by Indian Council of Philosophical Research, New Delhi., 24th and 25th March, 2017
125. Nilak Datta "Stereotype Print and Contemporary Affective Nationalism: Making India in the Age of Globalization". International Conference on Media, Culture and Ethics. BITS Pilani. Pilani Campus. 9-10 February 2017 (Forth coming).
126. Nilak Datta" The Call of the Wilderness: The Linnaean Classification of Spectacular Cityscapes in Dave Prager's Delirious Delhi and Sarah MacDonald's Holy Cow" 17th MELOW International Conference on Space, Place, and Landscape in Literatures of the World. Central University of Himachal Pradesh. Dharamsala. 9-11 March 2017 (Forth coming).
127. Amitendu Bhattacharya "The Poet and the Princes: Cultural and Historical Connections between Tagore and Tripura" at the Annual Conference of the Indian Association for Commonwealth Literature and Language Studies on "Location, Identity, Solidarity: Hegemonic Formations and Contestations (With a Special Focus on the Northeast)", collaboration with the Department of Humanities and Social Sciences, Indian Institute of Technology Guwahati, 15-17 Feb, 2017.
128. Amitendu Bhattacharya "Humanities Education and the Search for 'Self'" at the International Conference on "De-centring English Studies: Studying Literature in the Global South" organized by the Postgraduate Department of English, Utkal University, Bhubaneswar 19-21 Jan, 2017.
129. Reena Cheruvalath was invited as a **Resource Person** in a Two-day **National Seminar** on 'Kant, Hegel, Marx: Revolutions in Philosophising,' organized by Dept. of Philosophy, Government College for Women, Thiruvananthapuram, Kerala on 16th-17th, November, 2017.
130. Dr Anil Kumar delivered an invited talk on "Approximate Controllability of a Class of Parabolic Differential Equations with Memory Term" in International Conference on "Advances in Computational Mathematics" held at University of Dhaka, Bangladesh during May 27 to May 28, 2017.
131. Dr Anil Kumar delivered an invited talk on "Optimal control of the velocity term in plate equation with multiplicative control" in the International Conference on "Recent Advances in PDEs: Theory, Computations and Applications" held at IIT Bombay during June 8 to June 10, 2017.
132. Dr Anil Kumar delivered an invited talk on "A Computational Study of Orthogonal Spline Collocation Methods for fourth-order Boundary Value Problems" in the International Conference on "Nonlinear Differential Equations-Theory, Modeling and Computations" held at SRM University, Kattankulathur, Chennai during December 8 to December 9, 2017.
133. Dr. P. Dhanumjaya delivered an invited talk on "Mixed Discontinuous Galerkin Finite Element Methods (DGFEM) for the Rosenau Equation" in "International Conference on Recent Advances in PDE: Theory, Computation and Applications" at IIT Bombay during 8-10, June 2017.
134. Dr. P. Dhanumjaya delivered an invited talk on "Modeling of Glucose-Insulin Regulatory Systems and Diabetes" in "An International Conference on Computational Modelling & Simulation (ICCMS 2017)" held at University of Colombo, Colombo, Sri Lanka, during May 17-19, 2017
135. Dr. P. Dhanumjaya delivered an invited talk on "Discontinuous Galerkin Finite Element Methods for the One Dimensional Rosenau Equation" in "An International Conference on Computational Modelling & Simulation (ICCMS 2017)" held at University of Colombo, Colombo, Sri Lanka, during May 17-19, 2017
136. Dr. P. Dhanumjaya delivered an invited talk on "Nonconforming Finite Element Methods for the Fourth-Order Nonlinear Parabolic Problem" in " International Conference on Nonlinear Differential Equations-Theory Modeling and Computations" held at SRM University during 8-9, December 2017.
137. Dr. Tarkeshwar Singh delivered an invited talk on S-magicness and Integer Partitioning, in UGC sponsored National Conference on Recent Advances in Mathematical Sciences (RAIMS-2017) at Govt. Science College, Bangaluru, during Feb.09-10, 2017.

138. Sonawane, R.B. and Kumar Anil "Optimal control of the velocity term in a Kirchhoff plate equation with multiplicative control", Proceedings of International Conference on Computational Modelling and Simulation (ICCMS), May 17-19, 2017, Faculty of Science, University of Colombo, 248-251, ISBN: 978-955-703011-1.
139. Amit Setia, Bijil Prakash, A.S. Vatsala "Haar Based Numerical Solution Of Fredholm-Volterra Fractional Integro-Differential Equation With Nonlocal Boundary Conditions "AIP Conference Proceedings. Vol. 1798. No. 1. AIP Publishing, 2017. {Scopus}
140. Roul, R.K., Sahoo, J.K., Classification of Research Articles Hierarchically: A New Technique, Advances in Intelligence System and Computing, vol 556, page 347-361, 2017, Springer (Scopus)
141. Sahoo J.K., Balaji A. Optimizing Support Vector Machines for Multi-class Classification, Communications in Computer and Information Science, vol 721, page 393-398, 2017, Springer. (Scopus)
142. Roul R.K., Sahoo J.K., Goel R., Deep Learning in the Domain of Multi-Document Text Summarization, Lecture Notes in Computer Science, vol 10597, page 575-581, 2017. Springer. (Scopus)
143. T. Singh and Aloysius Godinho, Group Distance Magic Labeling of C_n Proc. Algorithms and Discrete Applied Mathematics (CALDAM 2016)(Eds. Daya Gaur and N.S. Narayanaswamy), Lecture Notes in Computer Science (LNCS) Vol. 10156 (2017), 187-192, (SCI Listed Conference Proceedings).
144. T. Singh and Aloysius Godinho and S. Arumugam, Nearly Distance Magic Graphs, S. Arumugam et al. (Eds.): ICTCSDM 2016, LNCS 10398, pp. 76–82, 2017.DOI: 10.1007/978-3-319-64419-6 10.
145. Anil Kumar "Optimal control of the velocity term in a Kirchhoff plate equation with multiplicative control" in the International Conference on "Computational Modeling & Simulation (ICCMS-2017)" held at University of Colombo, Sri Lanka during May 17 to May 19, 2017.
146. P. Danumjaya and K. Balaje, Mixed Discontinuous Galerkin Finite Element Methods (DGFEM) for the Rosenau Equation, International Conference on Recent Advances in PDE: Theory, Computation and Applications, IIT Bombay during 8-10, June 2017.
147. P. Danumjaya, K. Balaje and Sanath Keshav, Virtual Element Methods for the Benjamin Bona Mahony (BBM) Equation, International Conference on Recent Advances in PDE: Theory, Computation and Applications, IIT Bombay during 8-10, June 2017.
148. P. Danumjaya and Santosh Kumar Bhal, Orthogonal spline collocation methods for the two dimensional parabolic interface problem, International Conference on Recent Advances in PDE: Theory, Computation and Applications, IIT Bombay during 8-10, June 2017.
149. P. Danumjaya, Sanath Keshav and K. Balaje, Mixed Virtual Element Methods for the Two-Dimensional Rosenau Equation, International Conference on Recent Advances in PDE: Theory, Computation and Applications, IIT Bombay during 8-10, June 2017.
150. P. Danumjaya and V Sree Hari Rao, Modeling of Glucose-Insulin Regulatory Systems and Diabetes, An International Conference on Computational Modelling & Simulation (ICCMS 2017), University of Colombo, Colombo, Sri Lanka, during May 17-19, 2017.
151. P. Danumjaya and K. Balaje, Discontinuous Galerkin Finite Element Methods for the One Dimensional Rosenau Equation An International Conference on Computational Modelling & Simulation (ICCMS 2017), University of Colombo, Colombo, Sri Lanka, during May 17-19, 2017.
152. P. Danumjaya and Amiya K. Pani, Nonconforming Finite Element Methods for the Fourth-Order Nonlinear Parabolic Problem, International Conference on Nonlinear Differential Equations-Theory Modeling and Computations, SRM University during 8-9, December 2017.
153. G. C. Samanta, presented a paper entitled "The qualitative behavior of the cosmological models in Friedman Robertson Walker space time" in Ninth Australasian Conference on General Relativity and Gravitation at Gravity Discovery Center, The University of Western Australia, Perth during 27th - 30th November 2017.
154. Sahoo, J.K., Convergence Analysis of Preconditioned Iterative Scheme for Singular Matrices, International Statistics Conference 2017 – IASSL, Colombo, Srilanka, Dec 28-29, 2017.
155. Roul R.K., Sahoo J.K., Goel R., Deep Learning in the Domain of Multi-Document Text Summarization, 07th international conference on Pattern Recognition & machine Learning, ISI Kolkata, India Dec 6-8, 2017.
156. Roul R.K., Sahoo J.K, Document Labeling using Source-LDA Combined with Correlation Matrix, 04th international conference on Computational Intelligence in Data Mining, VSSUT, Sambalpur, Orissa, India Nov 11-12, 2017.
157. Roul R.K., Sahoo J.K, Query-Optimized Page Rank: A Novel Approach, 04th international conference on Computational Intelligence in Data Mining, VSSUT, Sambalpur, Orissa, India Nov 11-12, 2017.

158. Roul R.K., Sahoo J.K., Text Categorization using a Novel Feature Selection Technique Combined with ELM, 05th international conference on Advanced Computing, Networking, and Informatics, NIT Goa, India June 11-12, 2017.
159. Prasanna Kumar N., On the Inequalities Involving Complex Polynomials, Paper presented in International Conference in Approximation Theory held at Department of Mathematics, Georgia Southern University, Georgia, USA during May 8-11, 2017.
160. Iniyam N. Kulkarni D M and Savio D.S.A Lourenço Mechanical performance of dental implants: comparison of Titanium vs. Zirconia” 3rd International Conference on BioTribology (ICoBT 2016). Imperial College of London (UK), 11-15-Sep-2016.
161. A.C. Kulkarni, Kulkarni D. M. and Dube A. Experimental investigation of wear for hip implant material using designed and developed screening devices. 3rd International Conference on BioTribology (ICoBT 2016). Imperial College of London (UK), 11- 15-Sep-2016.
162. Chandrshekhar Chavan, P.M. Singru, Radhika Vathsan Acoustic analysis of timbre of Sarasvati veena in comparison to simple sonometer National Symposium on Acoustics AMU, Aligarh October 28-30, 2017
163. Kiran Mali &P.M. Singru, Effect of Fit of the Clamping Bolts in the Plate-Fixture Assembly, on the Natural Frequency of Clamped Rectangular Plate IMECE2017 Tampa, Florida, November 3-9, 2017
164. Sreedhar Babu, Vishal Garg, Shibu Clement, NKS Rajan An experimental study on combustion dynamics of a producer gas fuelled IC engine”, Paper No: 25NCICEC001 25th NATIONAL CONFERENCE ON INTERNAL COMBUSTION ENGINES AND COMBUSTION, National Institute of Technology Karnataka (NITK), Surathkal, India DECEMBER 15-17, 2017
165. Sri Bhaswath Akella, Shibu Clement, Siddhant Rathore, Shreyash Kumar, Chetan Gour, R B Paul An Experimental Study On Various Decision Tree Algorithms For Misfire Detection Using Crankshaft Instantaneous Angular Velocity For The Gasoline Fuelled Internal Combustion Engine”, Paper No: 25NCICEC051 25th NATIONAL CONFERENCE ON INTERNAL COMBUSTION ENGINES AND COMBUSTION, National Institute of Technology Karnataka (NITK), Surathkal, India DECEMBER 15-17, 2017
166. Mukund Harugade, Sachin Waigaonkar Effect of Different Electrolytes on Material Removal Rate, Diameter of Hole and Spark in Electrochemical Discharge Machining MANUFACTURING 2017 Poznan University of Technology, Poland Oct. 24-26, 2017
167. Mukund L. Harugade, Sachin D. Waigaonkar, Nikhil S. Mane and Narayan V. Hargude Effect of High - Speed Tool Rotation on Electrochemical Discharge Engraving International Conference on Precision, Meso, Micro and Nano Engineering (COPEN-10) IIT Madras, Chennai Dec. 7-9, 2017
168. Mukund Harugade, Sachin Waigaonkar, Nikhil Mane, Effect of High Speed Tool Rotation on the Performance of Electrochemical Discharge Machining (ECDM) for Composite Material International Conference on Advances in Materials & Processing: Challenges & Opportunities (AMPCO-2017) IIT Roorkee Nov.30-Dec.2, 2017 International (In India)
169. Mukund L. Harugade, Sachin D. Waigaonkar, Nikhil S. Mane and Narayan V. Hargude Experimental Investigation of High speed tool rotation on Heat affected zone and over cut in ECDM International Conference on Nano Technology: Ideas, Innovations & Initiatives-2017 IIT Roorkee Dec. 6-8, 2017
170. Satish Mullya and G. Karthikeyan CFD Analysis of Dielectric and Debris flow using Slotted tools in Micro Electrical Discharge Milling International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN:3I-2017), IIT Roorkee Dec 2017
171. Satish Mullya and G. Karthikeyan, Study of molten metal flow and debris movement at inter electrode gap in micro electric discharge process using CFD 10th International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 2017), IIT Madras, Dec 2017
172. Satish Mullya and G. Karthikeyan, Study of dielectric flow and debris movement in micro electro discharge milling process International Conference on Manufacturing and Industrial Engineering -2017 (IIIE) Jawaharlal Nehru Engineering College, Aurangabad Sep 2017
173. Nikhil Kadam and G. Karthikeyan An Overview on Emerging Processes for Thermal Barrier Coatings 4th International Conference on Computational Methods in Engineering and Health Sciences Manipal University Dec 2017
174. Vikas Chaudhari, Akshay Sancheti, Shivam Rathi, D. M. Kulkarni and Swadesh Dixit Investigation of Cohesive Zone Model Parameters for Steel Used in Shipbuilding Structure International Mechanical Engineering Congress & Exposition (IMECE- 2017), ASME 2017 conference Tampa, Florida, USA 3- 9 November 2017
175. Vikas Chaudhari, Harichandra Chandekar, Jayesh Saboo and Adlete Mascarenhas, Effect of chemical treatment on thermo-mechanical properties of jute-polyester composite International Conference on

- Recent Advances in Materials, Mechanical and Civil Engineering (ICRAMMCE-2017) Hyderabad, India
1- 2 June 2017
176. Ravindra Singh Saluja and Varinder Singh Decision making in selection of welding processes for tube manufacturing 11th ISDSI(Indian Subcontinent Decision Sciences Institute) International conference, IIM, Trichy Dec 27-30, 2017
 177. Yash Vartak &Gaurav Singh Higher overall stiffness of triangular shaped ductile/brittle lattice composite structure compared to square shaped structure 14th International Conference on Fracture Rhodes, Greece 18-23 June, 2017
 178. Aditya Patil &Gaurav Singh Influence of friction between crack faces in compressive wood fracture 14th International Conference on Fracture Rhodes, Greece 18-23 June, 2017
 179. Gaurav Singh Error in crack growth rate estimation when distinct timescaling is considered in hydrogen cracking, 14th International Conference on Fracture Rhodes, Greece 18-23 June, 2017
 180. Yash Vartak &Gaurav Singh, Stiffness comparison of triangular and square lattice composites for given statistical strength, ASME International Mechanical Engineering Conference and Exposition Tampa, Florida, USA 3-9, November, 2017
 181. Ameya Deshpande &Gaurav Singh, Dependence of peak stress on crack inclination and friction coefficient during compressive fracture ASME International Mechanical Engineering Conference and Exposition, Tampa, Florida, USA 3-9, November, 2017
 182. Gaurav Singh Error in predicting crack growth rate due to negligence of timescale distinction during hydrogen cracking for time-varying diffusivity, ASME International Mechanical Engineering Conference and Exposition Tampa, Florida, USA 3-9, November, 2017
 183. Gaurav Singh Integral equation approach to cohesive crack problem: solution and (current) limitation ASME International Mechanical Engineering Conference and Exposition Tampa, Florida, USA 3-9, November, 2017
 184. Simanta Lahkar, Subhas Ghosal &Gaurav Singh Atomistic simulation of mixed mode fracture in vitreous silica ASME International Mechanical Engineering Conference and Exposition Tampa, Florida, USA 3-9, November, 2017
 185. Kiran Mali Pravin Singru, Study on the Effect of the Impact Location and the Type of Hammer Tip on the Frequency Response Function (FRF) in Experimental Modal Analysis of Rectangular Plates International Conference on Recent Advances in Materials, Mechanical and Civil Engineering ICRAMMCE-2017 MLRITM, Hyderabad, Telangana 1-2 June, 2017,
 186. Kiran Mali Pravin Singru, Effect of Fit of the Clamping Bolts in the Plate-Fixture Assembly on the Natural Frequency of Clamped Rectangular Plate doi:10.1115/IMECE2017-71260, ASME 2017 International Mechanical Engineering Congress and Exposition (IMECE2017) Tampa, Florida, USA November 3–9, 2017,
 187. Sangle Sourabh; Verma Shesha; Mali Kiran Formulation of Problem of Free Vibration Analysis of Isotropic Homogeneous Rectangular Mindlin Plates Having Variable Thickness With General Elastic Boundary Conditions ASME 2017 International Mechanical Engineering Congress and Exposition (IMECE2017) Tampa, Florida, USA, November 3–9, 2017,
 188. Eaga Akhil, Sanjyot Bhosale, Kiran Mali Determination of the Natural Frequencies of The Cantilever Beam for Linear Variation of Circular Perforations 13th International Conference on Vibration Problems (ICVOP 2017) - IIT Guwahati 29thNovember - 2ndDecember, 2017
 189. Akshay Chugh, Yash Haritwal, Kiran Mali, Free Vibration Analysis of Multi-Perforated Rectangular Plate Made of Functionally Graded Material 13th International Conference on Vibration Problems (ICVOP 2017) - IIT Guwahati 29thNovember - 2ndDecember, 2017
 190. Kedar M. Hendre, Kiran D. Mali, Dhananjay M. Kulkarni An Overview of Upper Extremity Injuries for Occupants in Automotive Accidents International Conference on Computational Methods in Engineering and Health Sciences (ICCMEH2017) Manipal Institute of Technology, Manipal December 19-20, 2017
 191. Rushikesh Shine, Kiran Mali, An Overview on Impact Behaviour and Energy Absorption of Collapsible Metallic and Non-Metallic Energy Absorbers used in Automotive Applications, International Conference on Recent Advances in Materials & Manufacturing Technologies (IMMT 2017) BITS Pilani, Dubai Campus, Dubai, UAE 28-29, November, 2017
 192. Sandeep Jose, C Lakshmana Rao, S. A. Krishnan Numerical simulation of interfacial crack propagation in bimetallic welded joints using XFEM Indian Conference on Applied Mechanics (INCAM) 2017 MNNIT Allahabad 5– 7 July 2017
 193. S. Singh and B. P. Patel, Postbuckling response of graphene sheets using atomistic–continuum couple multiscale modelling, Proc. 3rd Indian Conference on Applied Mechanics, pp. 59–60 Motilal Nehru National Institute of Technology, Allahabad, Indian July 05–07, 2017

194. Mahesh Dasar, Ujash Shah, PraharsPaiRaikar, RanjitPatil, "Computational Studies on Effect of Novel Accelerating Perforated Distributor on Fluid Dynamic Characteristics of Circulating Fluidized Bed Riser", Proceedings of 12th International Conference on Fluidized Bed Technology (CFB-12), 325-332. Krakow - Poland, 23-26th May 2017.
195. Vishal V. Patil, Ranjit S. Patil, "Effect of Exhaust Gas Recirculation on Various Characteristics Of Diesel Engine Powered By Rubber Seed Oil Methyl Ester-Butanol Blend", 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMT-2017), BITS Pilani and IIT- Hyderabad, 27-30th December 2017,
196. Sachin Waigaonkar, Society of Asian Rotomoulders (StAR) in 13th Annual Technical Conference Service Capabilities of BITS for Rotational Moulding Industry, January 28-31, 2017
197. Sachin Waigaonkar, AICTE Sponsored FDP on Scope of metallurgical Process and Material Testing of Advanced Materials, Polymeric Materials and Rotational Moulding of Plastics December 20, 2017
198. Dr. Kiran D. Mali, Marri Laxman Reddy Institute of Technology and Management. HYD-TELANGANA "Study on the Effect of the Impact Location and the Type of Hammer Tip on the Frequency Response Function (FRF) in Experimental Modal Analysis of Rectangular Plates", 1-2 JUNE 2018
199. Electron and thermal transport studies in large MoSe₂ single crystals, Dhavala Suri and R. S. Patel SpinTECH IX International School and Conference, June 4-8, 2017, Fukuoka, Japan.
200. Structural, Optical and Magnetic Properties of Co-Doped Zn Nanoparticles, Chithira P. R & Teny Theresa John, International Conference on Nanotechnology: Ideas, Innovations & Initiative – 2017, IIT Roorkee, Dec 6 - 8, 2017, Proceedings p-115.
201. Minimal Modelling of Primary Auditory Neuron Behavior Synapsing to Inner Hair Cell ,Akshay Sasikumar, Siddharth Paliwal, Soumil Moullick, Sachita Nishal & Toby Joseph, 5th International Complex Dynamical Systems and Applications (2017), IIT Guwahati, Dec 4 - 6 2017
202. The economy as a complex system IV: Can economics be a physical science, Chandradew Sharma ,International workshop on the economy as a complex system IV , Non 13-14 2017.
203. Firing Coherence in a network of Integrate-and-fire neurons, Gaurav Dar, 5th International Complex Dynamical Systems and Applications (2017), IIT Guwahati, Dec 4 - 6 2017
204. P K Das Participated in the International workshop on the High Energy Physics Phenomenology(WHEPP) that was held in IISER Bhopal during the period 15th - 23rd December 2017.
205. P K Das delivered a talk at the Department of Physics, University of Kalyani, West Bengal on 16-Oct-2017 on Dark matter and SN1987A cooling.
206. P K Das delivered a talk at the Department of Physics, IIT Indore, on 24 March 2017 on q-deformed statistics and the role of a light fermionic dark matter in SN1987A cooling.
207. P K Das delivered a talk at the Physical Research Laboratory, Ahmedabad, on 21 March 2017 on q-deformed statistics and the role of a light fermionic dark matter in SN1987A cooling.

Hyderabad Campus

1. Imran Khan, Raj Kumar Maguluri, Ravikiran, Jayati Ray Dutta and Ramakrishnan Ganesan: "Lactobacillus sps. Lipase capped Gold nanoparticles cytotoxic evaluation" in International Conference on Nanotechnology: Ideas , Innovations and Initiatives, 2017, Dec 06 - 08, IIT Roorkee.
2. Imran Khan, Ravikiran Nagarjuna, Almas Shamaila, Ramakrishnan Ganesan* and Jayati Ray Dutta:, "Highly monodisperse gold nanoparticles capped with probiotic Lactobacillus plantarum derived lipase" in National Symposium on Convergence of Chemistry and Materials, BITS-Pilani, Hyderabad, 2017, Dec, 21-22, India.
3. "Characterization of cysteine thiol modifications based on protein microenvironments and local secondary structures", Bhatnagar, A and Bandyopadhyay, D. Indian Biophysical Society, 2017, IISER Mohali, March 2017
4. Characterization of cysteine thiol modifications based on protein microenvironments and local secondary structures", Bhatnagar, A and Bandyopadhyay, D. Computational Chemistry, Biology and Medicine, 2017, IIIT Hyderabad, 29th and 30th November 2017
5. Characterization of protein microenvironment and evolutionary rates of active site residues in RubisCo with an aim to enhance fixation of CO₂", Kiranmayi V and Bandyopadhyay, D, Convergence of Chemistry and Material" 2017, BITS Pilani, Hyderabad Campus, 21st and 22nd of December 2017
6. Anaerobic co-digestion of municipal solid waste landfill leachate and domestic septage in mesophilic and thermophilic conditions using novel continuously stirred tank reactors, International Conference on Emerging Trends in Biotechnology for Waste Conversion (ETBWC – 2017), Nagpur, October 2017.

7. Anaerobic digestion technology for treatment of organic waste and concurrent production of value added products: A case study of BITS Pilani, Hyderabad Campus, National Seminar on Design for sustainability using principles of Environment Management Hyderabad, October 2017
8. Gireesha T. Mohannath. Chromosomal position determines activity status of Ribosomal RNA genes on a multi-megabase scale in Arabidopsis. In: International Conference on Plant Developmental Biology and 3rd National Arabidopsis Meeting, December 2017 at NISER, Bhubaneswar-India.
9. Daipayan Ghosh, Sunetra Sen, Sridev Mohapatra. Modulation of proline metabolic gene expression in Arabidopsis thaliana under water-stressed conditions by a drought mitigating Pseudomonas putida strain. International conference in plant developmental biology, NISER, Bhubaneswar Dec 12-16, 2017.
10. Sunetra Sen, Daipayan Ghosh, Sridev Mohapatra. Modulation of polyamine metabolism in Arabidopsis thaliana by a drought mitigating Pseudomonas putida strain. International conference in plant developmental biology, NISER, Bhubaneswar Dec 12-16, 2017.
11. K. Naga Mohan, Sonal Saxena and Poonam Naik. Stem cell models for studying the role of epigenetic machinery in abnormal neurogenesis. October 17-21, 2017.
12. I Sreedhar, Md Shoebuddin Habeeb, B Sreenivasulu, "Friedel Crafts Acylation of Anisole with Modified Zeolites", ACBES, Dubai, Oct 2017.
13. P.Suresh, I.Sreedhar, V.K Surasani, "Novel Design of Continuous Granulator for Pharmaceutical Industrial Applications", IHMTC 2017, BITS Pilani Hyderabad, Dec 2017.
14. B.Sreenivasulu, I.Sreedhar, K V Raghavan, "Favorable thermodynamics in High temperature carbon capture using coal fly ash doped sorbents", IHMTC 2017, BITS Pilani Hyderabad, Dec 2017.
15. Premanath Murge, Bipin Chakravarthy, **Srikanta Dinda**, Material development from rice husk for CO₂ capture, 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTC-2017), Hyderabad, 27-30 December, **2017**.
16. Appala Naidu Uttaravalli, **Srikanta Dinda**, Self-Polymerization Kinetics of Cyclo ketone, **CHEMCON-2017**, HIT, West Bengal, India, 27-30 December, **2017**.
17. Sundaraiah Konda, **Srikanta Dinda**, Senapathy Krishnamachary, Cracking and heat sink characteristics of H-carene fuel for spaceship application, **CHEMCON-2017**, HIT, West Bengal, India, 27-30 December, **2017**.
18. **Srikanta Dinda**, Premanath Murge, Bipin Chakravarthy, Sounak Roy, Zeolite supported amine-based sorbent for CO₂ Capture, **CHEMCON-2017**, HIT, West Bengal, India, 27-30 December, **2017**.
19. Appala Naidu Uttaravalli, **Srikanta Dinda**, Thermal Stability and Degradation Characteristics of In-house Developed Polymeric Material, 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTC-2017), Hyderabad, 27-30 December, **2017**.
20. "Effect of PP and PP-g-MA on mechanical properties of PA6/PP blends". S. Aparna, **D. Purnima** and Ramesh Babu Adusumalli. International Conference on Advances in Polymer Science & Technology APA-2017, New Delhi, 23-25 November, 2017.
21. **V. K. Surasani**, Bithunshal U.B., Reactive Transport Modelling of Geological CO₂ Sequestration in Deccan Volcanic Province, 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTC-2017), BITS, Pilani-Hyderabad Campus, 27-30 December 2017.
22. Ramesh Babu Adusumalli, Chandrakala Kunchi, Karthik Venkateshan; Hardness and Modulus Measurement of Single Scalp Hair Fibers; 10th World Congress for Hair Research; Kyoto-Japan, 174, 31.10-03.11.2017.
23. Karthik Venkateshan, Chandrakala Kunchi, Ramesh Babu Adusumalli; Thermal and Mechanical behaviour of Human Hair Fibers; 10th World Congress for Hair Research; Kyoto-Japan, 174, 31.10-03.11.2017.
24. Chandrakala K, Lokesh Anaparthi and Ramesh Babu Adusumalli; Application of Optical, SEM and Confocal Laser Scanning Microscopy in Hair Research; Electron Microscopy Society of India (EMSI) Proceedings, Mahabalipuram; ISBN No.: 978-81-933428-1-7; 386-388, 17-19 July 2017
25. P. Pavan Kumar, Ramesh Adusumalli. Finite element analysis of short beam shear test of CFRP Laminates; INTERNATIONAL CONFERENCE ON COMPOSITE MATERIALS AND STRUCTURES, 27-29th December 2017, HYDERABAD (ABSTRACT ID: 412)
26. T.Sathvika, Manasi, V.Rajesh, N.Rajesh, Synergistic effect of nitrogen fixing bacteria immobilized in a carbonaceous material (MWCNT) for the sequestration of hexavalent chromium, 5th Symposium on Advanced Biological Chemistry, Kolkata Jan 7-11, 2017
27. T.Sathvika, Manasi, V.Rajesh, N.Rajesh, An endomycorrhizal (fungal) spores-clay combination for the removal of hexavalent chromium from aqueous medium, 21st CRSI conference, IICT Hyderabad, July 14-16, 2017.
28. Kodali Jagadeesh, N.Rajesh, Adsorption of monocrotophos from water, 21st CRSI conference, IICT Hyderabad July 14-16, 2017.

29. T. Yadagiri and Anupam Bhattacharya, One pot two step synthesis of fused delta lactam systems by systematic application of Nazarov-Schmidt rearrangement, 21st CRSI conference, IICT Hyderabad, July 14-16, 2017
30. T. Uday Kumar, Amit Nag and Anupam Bhattacharya, Selective Fe³⁺ detection by using 2-(3H-pyrrolo[2,3-c]quinolin-4-yl)aniline, 21st CRSI conference, IICT Hyderabad, July 14-16, 2017.
31. S. Srinivas Rao, A. Suresh, K. Mahalakshmi Naidu, Napiórkowska Agnieszka, Augustynowicz-Kopec Ewa, Sankaranarayanan Murugesan, Subhash Chander, Rangan Krishnan and K.V.G. Chandra Sekhar, Identification and development of 1,2,3-triazole derivatives of fused pyrazole-dihydropyridine as Mycobacterium tuberculosis Pantothenate synthetase inhibitors, 21st National Symposium in Chemistry, organized by CRSI at Indian Institute of Chemical Technology, Hyderabad, July 13-16, 2017.
32. S. Srinivas Rao, A. Suresh and K.V.G. Chandra Sekhar, Design and synthesis of 1,2,3-triazolyl 9H-fluorenone analogues as anti-tubercular agents, National Symposium on Convergence of Chemistry & Materials (CCM-2017) in chemistry, organized by BITS-Pilani, Hyderabad campus, December 21-22, 2017. (Poster presentation)
33. Surendar, A. Suresh and K.V.G. Chandra Sekhar, Design and synthesis of novel triazole analogues as antiproliferative agents, National Symposium on Convergence of Chemistry & Materials (CCM-2017) in chemistry, organized by BITS-Pilani, Hyderabad campus, December 21-22, 2017. (Poster presentation).
34. P. Ravikiran, R. Punna Rao, B. Mayank, K.V.G. Chandra Sekhar, Analysis of formaldehyde – a human carcinogen in drug substance using ultra-high performance liquid chromatograph., National Symposium on Convergence of Chemistry & Materials (CCM-2017) in chemistry, organized by BITS-Pilani, Hyderabad campus, December 21-22, 2017. (Poster presentation).
35. J. Subbalakshmi, ICSSC -2017, London, Jan 19-20, 2017, Conference proceedings, London United Kingdom .
36. J. Subbalakshmi, Poster presented on Synthesis and Characterization of 7,7-bis(N,N-Dimethylethylenediamino)- 8,8-Dicyanoquinodimethane-Picrate Complex ,
37. Krishnan Rangan, Synthesis, characterization, crystal structure of bis(phenanthroline)oxalatonickel(II) pentahydrate, 24th Congress International Union of Crystallography, IUCr 2017.
38. Moghal Zubair Khalid Baig, Durba Roy and Manab Chakravarty, Anthracenyl π -conjugates with weak donor/nitro acceptor as highly solvatochromic fluorophore: Contrast with cyano analogue, CRSI-2017, IICT, Hyderabad, July 2017.
39. Moghal Zubair Khalid Baig, Durba Roy and Manab Chakravarty, Anthracenyl π -conjugates with weak donor/nitro acceptor as highly solvatochromic fluorophore: Contrast with cyano analogue, CCM-2017, BITS-Pilani Hyderabad, December 2017.
40. Ashish Saxena, Ragamadhuri Nallam, Jalaiah Nandanavanam, and Ramakrishnan Ganesan, Polyethylene glycol (PEG) Functionalization Strategy for Stable Al₂O₃ Nanofluids towards Heat Exchange Applications, 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (ISHMT-2017),
41. Simanta Lahkar, Subhas Ghosal and Gaurav Singh, ATOMISITC SIMULATION OF MIXED MODE FRACTURE IN VITREOUS SILICA, ASME 2017 IMECE2017, November 3-9, 2017, Tampa, Florida, USA.
42. S. Pawar, Banda Ravi Teja, Nagarjuna Ravikiran, Ramakrishnan Ganesan & Amit Nag*, Probing the surface composition effect of silver-gold alloy in SERS efficiency, CRSI-2017, IICT, Hyderabad, July 2017.
43. Deepthi Priyanka Damera and Amit Nag*, Deciphering the role of bi-layer towards entrapment of dyes in niosome via Raman spectroscopy, CRSI-2017, IICT, Hyderabad, July 2017.
44. Shweta Pawar, Uday Kumar Togiti, Anupam Bhattacharyya and Amit Nag*, 4-pyridine-2-yl)-3H-pyrrole [2,3c] quinolone (PPQ)-functionalized carbon dots: A fluorescent probe for detecting water in organic solvent, CCM 2017, BITS Hyderabad, December 2017.
45. Deepthi Priyanka Damera and Amit Nag*, Three layered self-assembled ceramic drug carrier dually loaded with Bovine Serum Albumin and Curcumin, CCM 2017, BITS Hyderabad, December 2017.
46. Zeolite supported amine-based sorbent for CO₂ Capture, S. Dinda, P. Murge, Bipin Chakravarthy, Sounak Roy, CHEMCON, 2017, Haldia , PAPER ID : AS00201.
47. Oral Presentation on "Molecular dynamics study of conformational switch and disulfide bond isoform equilibrium in a conopeptide" at the 6th Indian Peptide Symposium at HBCSE, Mumbai, Feb 23-24, 2017.
48. Chaired a session in the international conference in collaboration with DFG (German Research Foundation) entitled 'Computing in Chemistry, Biology and Medicine' on 29th and 30th of November 2017 at IIIT Hyderabad.
49. Aravind Bairi, A.Vasan, K.Srinivasa Raju, D.V.Morankar, Application of Cuckoo Search Algorithm in Water Resources Planning and Management, 22nd International Conference on Hydraulics, Water

- Resources and Coastal Engineering, HYDRO 2017, December 21-23, 2017, Ahmedabad, India, pp. 1387- 1392.
50. K.Srinivasa Raju, Multicriterion Analysis and Decision Making: An Overview, Proceedings of International Conference on Technological Advances in Climate-Smart Agriculture and Sustainability (TACSAS-2017), January 16-18, 2017, Nanded, India, pp. 9-10 (Delivered as Keynote Lecture on January 18, 2017).
 51. K.Srinivasa Raju and A.Vasan, Optimal Reservoir Operation using Multiobjective Genetic Algorithms, Proceedings of International Conference on Technological Advances in Climate-Smart Agriculture and Sustainability (TACSAS-2017), January 16-18, 2017, Nanded, India, pp.321-324.
 52. Aravind Bairi, A.Vasan, K.Srinivasa Raju, D.V.Morankar, "Application of Cuckoo Search Algorithm in Water Resources Planning and Management", 22nd International Conference on Hydraulics, Water Resources and Coastal Engineering, HYDRO 2017, Ahmedabad, December 21-23, 2017.
 53. Raja Sekhar Mamillapalli and Prof. P. N. Rao, "COMPARATIVE STUDY ON INFILL WALLS", International Conference on Recent Advances in Materials, Mechanical and Civil Engineering (ICRAMMCE-2017), 1-2 June,2017, organized by MLRITM, Hyderabad.
 54. Raja Sekhar Mamillapalli, Prof. P. N. Rao, Srinivas Angadi " Experimental Studies on behavior of Concrete Filled Steel Tubular Short Columns (CFSTC)", International Conference on composite Materials and Structures (ICCMS 2017), 27-29thDecemebr,2017, Hyderabad, organized by IIT, Hyderabad, India.
 55. Gowre Manookare, A. Vasan, "Topology Optimization of Diagrid Structures Using Differential Evolution", ASCE India Conference 2017 – Urbanization Challenges in Emerging Economies, IIT Delhi, December 12-14, 2017.
 56. Kalyana Rama J S, Sai Krishna P, MVN Sivakumar, A. Vasan, Ramachandra Murthy. "Parametric study on the influence of cement replacement materials on the rheology of cement paste using Brookfield Viscometer", RILEM 71st Week, International Conference on Advances in Construction Materials and Systems (ICACMS-2017) at IIT Madras & Hotel Leela Palace, Chennai, India during September 03-08, 2017.
 57. K. Srinivasa Raju and Vasana A. "Optimal Reservoir Operation Using Multiobjective Genetic Algorithms", Proceedings of International Conference on Technological Advances in Climate-Smart Agriculture and Sustainability (TACSAS2017) at Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Maharashtra, India during January 16-18, 2017.
 58. Sai Kubair K., Shreyans R Surana, M Venkata Sai Krishna, Sridhar Raju., and V Vinayaka Ram., "Rutting Potential of Gap Graded Warm Mix Asphalt with Higher Percentage of Crumb Rubber", Urbanization challenges in emerging economies, ASCE India Conference 2017, New Delhi, 12-14 Dec 2017.
 59. Prateek Agarwal, Katla Bhanuprasad, Sridhar Raju and V Vinayaka Ram, "Rutting Potential of Half Warm Mix Asphalt using Polymer Modified Bitumen Emulsion", Urbanization Challenges in Emerging Economies, ASCE India Conference 2017, New Delhi, 12-14 Dec 2017.
 60. Sai Kubair K., Shreyans R Surana, and Sridhar Raju, "Characterization of Gap Graded Asphalt Mixture with High Rubber Content," 83rd Transportation Research Board Annual Meeting 2018, Transportation Research Board (TRB), Washington, D.C., 7-11 Jan 2018.
 61. S Gireesh Kumar, J Satya, Kratagya Mittal, Sridhar Raju (2018) "Design of a bituminous mixture for perpetual pavement" International Conference on Recent Advances in Materials, Mechanical and Civil Engineering (ICRAMMCE -2017), 1-2nd June 2017 at Marri Laxman Reddy Institute of Technology and Management, Hyderabad, India.
 62. Chandu Parimi, Venkateshwaran R., Sanketh V Sai, Ajinkya Gavane, Vishal B Athreya, Prakash Srivastava, and Tathagata Ray, "MS Kinect a potential gait analysis system: Clothing effect on the gait kinematics" Poster presentation at XXVI Congress of the International society of Biomechanics, 23-27th July 2017, Brisbane, Australia.
 63. S.C Mohan, N. Ajinkya, A. Shubi, Structural Health Monitoring using Feature Extraction from Dynamic Response of the Structure, International Conference on Recent Advances in Materials, Mechanical and Civil Engineering, June 1-2, 2017, Hyderabad, India.
 64. S.C Mohan, K. Sai Kuber, Numerical Model Updating Technique for Structures Using Firefly Algorithm, International Conference on Recent Advances in Materials, Mechanical and Civil Engineering, June 1-2, 2017, Hyderabad, India.
 65. S. R. Surana, A. Kar, A. GuhaRay, A., K. Suluguru, Jayatheja, M., (2017) "Experimental Investigations on Building Derived Materials in Chemically Aggressive Environment as a Partial Replacement for Sandy Soil in Ground Improvement", Urbanisation Challenges in Emerging Economies, Moving Towards Resilient Sustainable Cities and Infrastructure" ASCE India Section, New Delhi, India, December, 2017.
 66. GuhaRay, A., Kiranmayi CVSP and Rudraraju, S. (2017) "Reliability Based Performance Evaluation of Stone Column Improved Soft Ground", ICGEG 2017: 19th International Conference on Geotechnical Engineering and Geomechanics, Rome, Italy, September 18-19, 2017, Vol. 11 No. 9, pg. 699 - 703.

67. S. Mondal , A. Kar , A. Guharay and N. James (2017) "Characterization of Building Derived Materials for Ground Improvement of Contaminated Soils", 71st Annual RILEM Week and ICACMS 2017 Conference, IIT Madras, Chennai, September.
68. Gupta S., GuhaRay, A. and Kar, A. (2017) "Effect of alkali activated binder treated jute reinforcement on permeability of cohesionless soil", 6th Indian Young Geotechnical Engineers Conference (6IYGEC), NIT Trichy, 10-11 March, 2017.
69. Jayatheja, M., Suluguru, A.K., Anand A., GuhaRay, A. and Kar, A. (2017) "Performance of sand partially replaced with building derived materials under static loading conditions", International Conference on Geotechniques for Infrastructure Projects, Thiruvananthapuram, February 27-28, 2017.
70. Baidya, D.K. and GuhaRay, A. (2017) "Geotechnical Engineering: Reliability Aspects", Conference on Numerical Modelling in Geomechanics, IIT Roorkee, March 3-4, 2017.
71. S. Gupta, A. GuhaRay, **A. Kar**, and V. P. Komaravolu, 2017, "Alkali Activated Binder treated Jute Reinforced Soil: A Preliminary Study", *IGC 2017 – GeoNEst*, IIT Guwahati, Dec 14 - 16, 2017.
72. M. Jayatheja, A.K. Suluguru, A. GuhaRay, **A. Kar**, and A. Anand, 2017, "Laboratory Shear Strength Studies of Sand admixed with Building Derived Materials", *IGC 2017 – GeoNEst*, IIT Guwahati, Dec 14 - 16, 2017.
73. Raut, K. D., Guharay, A., James, N., and Kar, A., 2017, "Experimental Studies on Responses of Building Derived Materials after Exposure to Aggressive Chemicals", National conference on Urban Environmental Management in India, MNIT, Jaipur, Rajasthan, India, Jan 20-21, 2017.
74. H. R. Tewani, Kalyana Rama J S, "Parametric Study On the effect of the friction coefficients between laminae on the behavior of a laminated composite plate" Computational Science.
75. Anand Kumar R, Pardeep K, Moorthi P V P, Bahurudeen A, Subair M and Nikhil S "Influence of aggregate modelling on ultrasonic wave propagation in concrete, In Proceedings of 71st RILEM Annual Wek & ICACMS, Pages 587-596, 2017, Sept 3 - 8, IIT Madras
76. Nivedha P, Athira G, Bahurudeen A and Prasanta K S. Identification of suitable ready mix concrete suppliers using geographic information system, In Proceedings of 71st RILEM Annual Wek & ICACMS 2017, Pages 675-682, Sept 3 - 8, IIT Madras
77. BKSP Kumar Raju, Nikhil Bharadwaj Gosala and G Geethakumari, "CLOSER: Applying Aggregation for Effective Event Reconstruction of Cloud Service Logs", 11th ACM International Conference on Ubiquitous Information Management and Communication, (ACM IMCOM 2017), January 5 - 7, 2017, Beppu, Japan.
78. Sameer Dharur, K Swaminathan, and Chittaranjan Hota, "Energy efficient IoT framework for smart buildings", IEEE International Conference on IoT in Social, Analytics and Cloud (I-SMAC 2017), Feb 2017.
79. Surendra Singh, Sachin Tripathi, and Suvadip Batabyal, "Utilization based Secured Dynamic Scheduling Algorithm for Real-Time Applications on Grid (u-SDSA)," 31st IEEE International Conference on Advanced Information Networking and Applications (AINA), pp. 606-613, 27 - 29 March, 2017, Taiwan.
80. Rajesh Kumar Shrivastava, Chittaranjan Hota, and Prashast Srivastava, "Protection against code exploitation using ROP and check-summing in IoT environment", 5th International Conference on Information and Communication Technology (ICoICT), pp. 7 - 12, May 2017, Multimedia University, Malaysia.
81. Chittaranjan Hota, Rajesh Kumar Shrivastava, and Shivangi Shipra, "Tamper-Resistant Code Using Optimal ROP Gadgets for IoT Devices", 13th International Wireless Communications and Mobile Computing Conference (IWCMC 2017), pp.570-575, June 2017, University of Valencia, Spain.
82. Surender Singh Samant, N.L. Bhanu Murthy and Aruna Malapati, "BIGRAM-BASED FEATURES FOR REAL-WORLD EVENT IDENTIFICATION FROM MICROBLOGS", 8th International Conference on Computing, Communication and Networking Technologies (ICCCNT 2017), 3 - 5 July 2017, IIT Delhi, India.
83. Soumyadeep Dey, Barsha mitra, Jayanta Mukhopadhyay, Shamik Sural, "A Comparative Study of Margin Noise Removal Algorithms on MarNR: A Margin Noise Dataset of Document Images", ICDAR-OST workshop of 14th IAPR International Conference on Document Analysis and Recognition (ICDAR 2017), September 2017, Kyoto, Japan.
84. Rajesh Kumar Shrivastava, Sanket Mishra, Srimanta Barua, and Chittaranjan Hota, "Resilient Complex Event Processing in IoT using Side-channel Information", 10th ACM International Conference on Security of Information and Networks (SIN'17), ACM ICPS, 13 -15 October 2017, India.
85. SaiKiranmai Gorla, Aditya Chandrashekhar, N L Bhanu Murthy, and Aruna M "TelNEClus:Telugu Named Entity Clustering using Semantic Similarity." International conference on Computational Intelligence 2017 (ICCI 2017) 6 - 8 December 2017, Indian Institute of Technology Kanpur, India.

86. SaiKiranmai G and Aruna M, "A Comparative Study of Named Entity Recognition for Telugu", Forum for Information Retrieval Evaluation 2017 (FIRE 2017), 8 -10 December 2017, Indian Institute of Science, Bangalore, India.
87. Surender Singh Samant, N.L. Bhanu Murthy and Aruna Malapati, "A Novel Method for Summarization and Evaluation of Messages from Twitter", 9th International Conference on Advances in Pattern Recognition (ICAPR 2017), 28 - 30 December 2017, ISI Bangalore, India.
88. Tanmaya Shekhar Dabral, Amala Sanjay Deshmukh and Aruna Malapati, "A Multi Scale Convolutional Neural Network Architecture For Music Auto-Tagging" Soft Computing for Problem Solving - SocProS 2017, December 2017, Indian Institute of Technology Bhubaneswar, India.
89. Vivek Yadav and Anand Narasimhamurthy, "A heuristics based approach for optimizing delivery schedule of an Unmanned Aerial Vehicle (Drone) based delivery system", 9th International Conference on Advances in Pattern Recognition (ICAPR 2017), Indian Statistical Institute, Bengaluru, December 2017.
90. Surender Singh Samant, N.L. Bhanu Murthy and Aruna Malapati, "CapAct: A Wordnet-Based Summarizer for Real-World Events from Microblogs", Accepted at 14th International Conference on Distributed Computing and Internet Technology (ICDCIT 2018), 11 - 13 January 2018, KIIT Bhubaneswar, Orissa, India.
91. Rashmi Sahay, G Geethakumari and Koushik Modugu, "Attack Graph-Based Vulnerability Assessment of Rank Property in RPL-6LOWPAN in IoT", Accepted at the 4th World Forum on Internet of Things (WF-IoT 2018), pp. 05-08, February 2018, Singapore.
92. Dr. G Geethakumari, 11th ACM International Conference on Ubiquitous Information Management and Communication, (ACM IMCOM 2017), January 5-7, 2017, Beppu, Japan
93. Dr. Chittaranjan Hota, 13th IEEE International Wireless Communications and Mobile Computing Conference (IEEE IWCMC 2017). June 25-30, 2017, University of Valencia, Valencia, SPAIN.
94. Mr. Surender Singh Samant, 8th International Conference on Computing, Communication and Networking Technologies (ICCCNT-2017), July 4-5, 2017, IIT Delhi
95. Dr. Anand Narasimhamurthy, IEEE Symposium on Drone Computing , October 6, 2017, Sterlings Mac Hotel, Bengaluru
96. Dr. Chittaranjan Hota, Indo-Dutch R&D Workshop, October 25-26, 2017, IIIT, Bangalore
97. Dr. Subhrakanta Panda, Embedded Software Safety & Security, November 10, 2017, Taj Deccan, Banjara Hills, Hyderabad
98. Dr. Barsha Mitra, 14th IAPR International Conference on Document Analysis and Recognition (ICDAR 2017), November 9 - 15, 2017, Kyoto, Japan
99. Dr. Aruna Malapati, International Conference on Computational Intelligence: Theories, Applications and Future Directions , December 6 - 8, 2017, IIT Kanpur
100. Dr. Subhrakanta Panda, Microsoft Intelligent Cloud., December 14, 2017, Taj Krishna, Banjara Hills, Hyderabad
101. Dr. Anand Narasimhamurthy, 9th International Conference on Advances in Pattern Recognition (ICAPR 2017), December 27-30, 2017, ISI Bengaluru
102. Mr. Surender Singh Samant, 9th International Conference on Advances in Pattern Recognition (ICAPR-2017) , December 29-30, 2017, ISI Bangalore
103. Soumya J, VLSI Design Conference-2017, Application-specific and reconfigurable network-on-chip design, 7-11 Jan 2017, HICC, Hyderabad
104. Sanket Goel, Photonics West 2017, Rapid Prototyped Microfluidic PCR platform to detect mutations associated with multiple drug resistance tuberculosis & 3D printed microfluidic diffusivity meter: A tool to optimize CO2 driven enhanced oil recovery, 28 Jan- 2 Feb 2017 San Francisco, USA
105. P K Pattnaik, 4th International conference on signal processing and integrated networks SPIN 2017, A Novel algorithm to optimize cost of coherent long-haul DWDM network, 02-03 Feb 2017, Amity University, Noida, India
106. Soumya J, IEEE Computer Society India symposium 2017, 17-19 Mar 2017, IIIT Allahabad, UP
107. Prasant Kumar Pattnaik, WiSPNET 2017, Robust DCN Design for Optical Transport Network Resilience, 20-22 March 2017, Chennai, India
108. S K Sahoo, 4th International conference on Asynchronous counter, An efficient serial-serial multiplier using parallel asynchronous counter, 3-4 Jun 2017, Darjeeling, West Bengal
109. Sandeep Kumar, Indian Antenna Week 2017, 5-9 June 2017, DIAT, Geiringer, Pune
110. Soumya J, 54th Design Automation Conference-2017(DAC-2017), Flexible spare core placement for fault-tolerant network on chip design, 18-22 Jun, 2017, Austin, TX
111. Balasubramanian M, 12th conference on lasers and electro-optics pacific rim CLEO-PR 2017, 22nd optoelectronics and communication conference OECC 2017 and 5th Global photonics conference 2017

- PGC 2017, MOEMS, Accelerometer based on grating coupler integrated with embossed, 31 Jul-4 Aug 2017, IEEE photonics society, optical society of America and SPIE
112. S K Chatterjee, ICCES 2017, A New one bit transform for low complexity block based motion estimation for HEVC, 19-20 Oct 2017, Arcadia, Coimbatore
 113. Runa Kumari, ICCES 2017, International Conference on Computational and Experimental Engineering and Sciences, Bandwidth enhanced high efficiency compact CPW fed Metamaterial antenna based on ENG -TL structure, 26-30 Jun. 2017. Madeira, Portugal
 114. Runa Kumari, iAIM 2017, IEEE International Conference on Antenna Innovations and Modern Technologies, Aperture coupled frequency reconfigurable dielectric resonator antenna for wireless applications, 24-26 Nov 2017, Bangalore, India
 115. Shaikshavali C, 54th IEEE conference on decision and control 2017, Nonlinear event-based state estimation using sequential Monte Carlo Techniques, 12-15 Dec 2017, Melbourne, Australia
 116. Ramakant, IWPSD 2017, Optimization of the tunnel FET Device structure for achieving circuit performance better than the current standard 45 nm CMOS technology, 11-15 Dec 2017, IIT Delhi
 117. S K Sahoo, IEEE iNIS 2017, Lookup table-based low-power implementation of Multi-channel filters for software defined radio, 18-20 Dec 2017, Oriental group of Institutes, Bhopal
 118. Soumya J, IEEE iNIS 2017, Routing Algorithm for Application-Specific Network-on-Chip with Irregular Core Sizes, 18-20 Dec 2017, Oriental group of Institutes, Bhopal
 119. Souvik Kundu, ICAMR 2017, BaTiO₃-BiFeO₃/Nb:SrTiO₃ Based Resistive Switching Memory and its Potential Application in Analog Signal Processing, 20-22 Jan, 2017, Hong-Kong
 120. Prasant Kumar Pattnaik, WRAP-2017, Variable Optical Attenuator for DWDM Networks based on Metal Proximity to Waveguide Bragg Grating' 18-19 December 2017, Hyderabad, India.
 121. C H Yaganti, The development of Derivatives Markets and Risk minimization & volatility Dynamics in International Conference on 25 Years of Economic Reforms in India, held at Department of Economics, Kakatiya University, Warangal, January 28 - 29, 2017.
 122. Nagaraju Thota, An Analysis of Cost of Cultivation and Production: A Case study of United Andhra Pradesh in International Conference on 25 Years of Economic Reforms in India" held at Kakatiya University, Warangal-Telangana, January 28 - 29, 2017.
 123. Swati Alok, Consumer perceptions towards frozen foods: A study of Hyderabad-Secunderabad twin cities, in National conference sponsored by ICCSR in IPE on: Modern Retailing- Social & Economic Perspectives, January 30-31, 2017 (Awarded "the Best paper" of the conference)
 124. Sri Hari Nayudu & C H Yaganti, Long Run Determinants of Sovereign Bond Yields: The Case of Emerging Economies in National Conference on Globalizing the Finance held at Department of Economics, Pondicherry Central University, April 9-11, 2017.
 125. Sudatta Banerjee, Determinants of Schooling Quality: A Case Study of the Schools of Burdwan, India, in XXVI Meeting of the Economics of Education Association, Murcia, Spain, June 29-30, 2017.
 126. Swati Alok, Application of Theory of Planned Behavior Model during Task Conflict: An Empirical Study among Indian Software employees in 30th International conference, at International Association for Conflict Management (IACM) Conference in Berlin, Germany organized by ROSS school of Business, University of Michigan, July 8-13, 2017.
 127. Durgesh C Pathak, Effect of Education of Household Head on Income from Agricultural Farm, in National Conference on Agriculture & Rural Management: Prospects & Emerging Issues, Organized by Department of Economics, St. Xavier's College, Jaipur in collaboration with The Econometric Society of India, November 3-4, 2017.
 128. Swati Alok, Impact of selling skill and demographic variables on sales performance in 4th international conference on human resource management in ICFAI business school (IBS) Hyderabad, November 10, 2017.
 129. Swati Alok, A household-based survey of knowledge, attitudes, and practices (KAP) towards dengue fever among four villages of Shameerpet Mandal of Ranga Reddy District of Telangana in IASSH - 15th annual conference NIRDPR, November 16-18, 2017.
 130. Sudatta Banerjee, Determinants of Schooling Quality in XXVIIth Annual General Conference on Contemporary Issues in Development Economics, Jadavpur University, Kolkata, December 21-22, 2017.
 131. Dr. Lavanya Suresh- Presented a paper titled "Perspectives on Gender Equality in the Context of Environmental Sustainability" at the Ninth Biennial Conference of Indian Society for Ecological Economics (INSEE) (International) held at the Kerala Institute of Local Administration (KILA), Thrissur from the 8th to 10th of Nov, 2017
 132. Dr. Lavanya Suresh- Presented a paper titled "Decentralized Democracy in India: Gandhi's Vision and Reality" at the National Seminar on Decentralization and Alternative Development: Exploring the Ideas of

- Gandhi & Kumarappa held at the Institute for Social and Economic Change (ISEC), Bangalore from 29th and 30th, November 2017.
133. Dr. Suchismita Satpathy - Presented a paper. Smart ways of land grabbing in smart city Bhubaneswar at Indian Sociological Society Conference 10-12th November 2017, Lucknow University, Lucknow.
 134. Conversations On Contemporary Struggles Towards The Realization Of Socio-Economic Rights (2- 5th November 2017), at NALSAR Law University, Hyderabad, Attended by Prof. Sunny Jose, Dr. Lavanya Suresh, Mr. Shamuel Tharu, Dr. Suchismita Satpathy, Miss Kopal Khare, Miss Suchismita Ghosh, Miss Jahnavi Lakshmi.
 135. Dr. Lavanya Suresh and Dr. Suchismita Satpathy- Data Workshop, November 18-19, 2017 at CESS Begumpet, Hyderabad, organized by Hyderabad Urban Lab.
 136. Dr Biswanath Dash delivered talk on "Incident Response System" in a training workshop 3 - 6th July, 2017 organized by UNDP and Govt. of Himachal Pradesh at Shimla.
 137. Dr. Santosh Mahapatra presented a paper titled "Enhancing Teacher Reflection on Classroom Teaching through Audio Recording" at AINET International Teacher Research Conference held in Nagpur from 14th to 15th September, 2017.
 138. Dr. Santosh Mahapatra participated in a two-day workshop titled "AARMS Induction Workshop" organized by British Council in New Delhi (March 2017).
 139. Dr. Maya Vinai attended and presented a paper titled "Unravelling the spice politics & Cosmopolitanism of Kochi: Emerging alternate representations in N. S Madhavan's Litanies of Dutch Battery" at national conference on Comparative Humanities: Re-Configuring Humanities across cultures at EFL University Hyderabad from 5th to 7th April, 2017.
 140. Dr. Maya Vinai attended and presented a paper titled "Beyond Spice trade and temple conquests: Palimpsest memories of colonial regimes along the Malabar coastline in the native imagination" at a conference organized by South Asian Literary Association (SALA) in Philadelphia, Pennsylvania U.S.A from 2nd to 4th January 2017.
 141. Siva Prasad A V S, Numerical study of dynamic crack propagation in brittle solids using Peridynamics, Indian Conference on Applied Mechanics (INCAM) 2017, MNNIT Allahabad 5 - 7 July 2017
 142. Sandip Deshmukh & Khalid Anwar, Prediction and mapping of solar energy potential in Andhra Pradesh, India using artificial neural networks and ArcGIS, World Renewable Energy Congress held at Murdoch University, Western Australia
 143. G. Naveen Kumar, R. Parameshwaran, V. Vinayaka Ram, Development of hybrid nano based PCM embedded cement mortar for building cooling applications – an Experimental Investigation, Proceedings of International Conference on Nanotechnology: Ideas, Innovations & Initiatives-2017 (ICN:3I-2017), Energy & Nano. Elect. 1058-ICN3I, pp. 345, December 06-08, 2017, IIT Roorkee, India
 144. Pawan K C, R. Sujith and R. Parameshwaran, Synthesis of Hierarchical Mesoporous Silicon Oxycarbide Ceramics via Polymer Precursor Route, 55th National Metallurgists' Day International Symposium (NMD-ATM 2017), Nov 12-13, 2017, BITS Pilani Goa (India).
 145. Manan, N. Gokul and R. Sujith, Processing and Characterization of Stir Casted Al 2024 and Mg AZ91 – Graphene Nanocomposites, , 55th National Metallurgists' Day International Symposium (NMD-ATM 2017), Nov 12-13, 2017, BITS Pilani Goa (India).
 146. Sumit Chamling Rai, Jayesh Sanwal, K. Ram Chandra Murthy, Simulation of Rarefied Gas Flow in a Rectangular Enclosure, Proceedings of the 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMT-2017), Dec 2017, BITS-Pilani, Hyderabad, India
 147. VN Balavignesh and Supradeepan K, Adjoint shape optimization of internal and external flow geometries in OpenFOAM environment, 44th National conference on Fluid Mechanics and Fluid Power
 148. Hemanth Mithun Praveen, G R Sabareesh, A Study on multicomponent failure interaction within a planetary gear box of a wind turbine, 13th International Conference on Vibration Problems, IIT Guwahati
 149. VN Balavignesh, Supradeepan K and Arnab Roy, POD Analysis of Flow past two cylinders in Tandem arrangement, 7th international conference on Theoretical, Applied, Computational and experimental Mechanics
 150. KaustavBhadra, G.R. Sabareesh, K. Ram chandra murthy, ", Cross-Wind Load Effects on different Vehicle Body Geometries, 7thEuropean African Conference on Wind Engineering, , Belgium
 151. Inturi Vamsi, Sabareesh G R, Penumkala P K, Shsasha Bhuvan Karthik, A comparative study on efficacy of condition monitoring techniques in a wind turbine under stationary and non-stationary loading conditions, 13th International Conference on Vibration Problems, IIT Guwahati
 152. K.Singh, N Bojja, S Das, G.R.Sabareesh, Y.V.D Rao, Investigations on vibration characteristics of a meta material beam, 13th International Conference on Vibration Problems, IIT Guwahati

153. Ashish Saxena, Ng Yin K. Eddie, D. Jaya Krishna, Jalaiah Nandanavanam, R. Parameshwaran, Numerical Investigation of Mixed Convection in a Lid-Driven Square Cavity With and Without Fin, 1st International and 18th ISME Conference (ISME18), NIT Warangal
154. Ashish Saxena, Raga Madhuri Nallam, Jalaiah Nandanavanam, Ramakrishnan Ganesan, PEG Functionalization Strategy for Stable Al₂O₃ Nanofluids towards Heat Exchange Applications, 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), BITS-Pilani, Hyderabad Campus
155. Kurra Suresha, Srinivasa Prakash Regalla, Nitin Kotkundaee, Finite element simulations of multi stage incremental forming process, 7th international conference on Materials and Processing Technologies, Hyderabad
156. Suresh Kurra , Srivatsan , Simhachalam Bade, Praveen Kumar G, Analysis of fine blanking process through finite element simulations , 20th International Conference on Advances in materials and Processing Technologies, Chennai
157. G. Praveen, Ram Tarun Reddy, Kurra Suresh, Experimental studies on incremental hole flanging of steel sheets, 20th International Conference on Advances in materials and Processing Technologies, Chennai
158. P. V. S. Divya, P. K. Penumakala, J. Jaidi, Thermal stress analysis in direct chill casting of magnesium alloys, Proceedings of the 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), Dec 2017, BITS-Pilani, Hyderabad, India
159. P. K. Penumakala, G. Nanda, R. Sujith, K. Suresh, Microstructure evolution during the stir casting of a Graphene-Magnesium alloy composite, Liquid Metal Processing Symposium, USA
160. R. Shah, K. Singh, P. K. Penumakala, A. Ramesh Babu, Finite element analysis of short beam shear test of CFRP Laminates, International Conference on Composite Materials and Structures, Hyderabad, India
161. Pavandatta M Jadhav, Suresh Kumar Reddy Narala, Wear Behavior of carbide tool coated with Yttria-Stabilized Zirconia nano particles, International Conference on Recent advances in Material and Manufacturing Technologies , International Conference on Recent advances in Material and Manufacturing Technologies (IMMT 2017),
162. Amar Sheelwant, Suresh Kumar Reddy Narala, Palaparty Shailesh,, Synthesis and Characterization of Stir Cast Aluminium-Titanium Diboride (Al-TiB₂) MMC, International Conference on Recent advances in Material and Manufacturing Technologies (IMMT 2017),
163. Srinivasa Prakash Regalla, V. Krishnan Anirudh, N. Suresh Kumar Reddy, Tribological Performance Of Zinc Soft Metal Coatings In Solid Lubrication, International Conference on Recent advances in Material and Manufacturing Technologies (IMMT 2017),
164. Uma Maheshwera Reddy Paturi, Harish Devarasetti, David Abimbola Fadare and Suresh Kumar Reddy Narala, Application of Artificial Neural Network and Regression Analysis in Modeling of Surface Roughness in WS₂ Solid Lubricant Assisted MQL Turning of Inconel 718, International Conference on Recent advances in Material and Manufacturing Technologies (IMMT 2017),
165. Uma Maheshwera Reddy Paturi and Suresh Kumar Reddy Narala, Electrostatic Solid Lubricant Coatings: Optimization of Process Parameters and Performance in Tribological Tests, 8th International Conference on Materials and Manufacturing Technology(ICMMT 2017)
166. Amar Sheelwant, Suresh Kumar Reddy Narala, Palaparty Shailesh, Investigation of Tribological Properties of Aluminium-Titanium Diboride (Al/TiB₂) MMC under Dry Sliding Condition, 44th International Conference on Metallurgical Coatings and Thin Films, April 24-28, 2017, San Diego, California, USA
167. Venkatesh Mundada, Narala Suresh Kumar Reddy, Optimization of Milling Operations Using Artificial Neural Networks (ANN) and Simulated Annealing Algorithm (SAA), International Conference on Materials Processing and characterization, 17th to 19th March 2017, Hyderabad, Telangana, India.
168. Dileep, M. Paul, Rinu Thomas, Sreesankaran M, Jeevan Jaidi, and Jithin P, "Experimental Investigation of the Effect of Wire-coil Inserts on the Performance of a Three-Pass Fin", 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), BITS Pilani, Hyderabad Campus, 27-30 December 2017.
169. Nitin Mythreya Yadlapalli Venkata, and Jeevan Jaidi, "Model Development and Analysis of Feedwell Flow Dynamics in Thickeners", 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), BITS Pilani, Hyderabad Campus, 27-30 December 2017.
170. Suryadevara Pruthvi and Jeevan Jaidi, "Design, Development and Analysis of Airborne Wind Turbine using CFD and FEA Tools" , 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), BITS Pilani, Hyderabad Campus, 27-30 December 2017.
171. P. V. Sai Divya, Pavan Kumar Penumakala , and Jeevan Jaidi, "Thermal Stress Analysis in Direct Chill Casting of Magnesium-alloys", 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), BITS Pilani, Hyderabad Campus, 27-30 December 2017.

172. Alok Deshpande, and Jeevan Jaidi, "The Numerical Study of Flameless Combustion", 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), BITS Pilani, Hyderabad Campus, 27-30 December 2017.
173. Sagar Singhal, Abhishek Gaikwad and Jeevan Jaidi, "2CFD Analysis of a Wickless Heat Pipe", 24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2017), BITS Pilani, Hyderabad Campus, 27-30 December 2017.
174. Madhavi, B., and Jeevan Jaidi, "Influence of Strain Hardening Behaviour in Friction Stir Welded Joints of Aluminium-alloy Plates", 7th International Conference on Materials Processing and Characterization (ICMPC 2017), GRIET, March 17-19 2017, Hyderabad, Telangana.
175. Prof. B. Mishra presented a paper on "An accelerating dark energy model with hybrid scale factor" in International Conference on Physical Interpretation of Relativity Theory held at Bauman Moscow State Technical University, Moscow, Russia during 3rd - 6th July, 2017.
176. Prof. B. Mishra has presented a paper on "Cosmological model with dark energy anisotropy" in 9th Australasian Conference on General Relativity and Gravitation held at University of Western Australia, Perth, Australia, during 27th - 30th November, 2017.
177. Dr. Manish Kumar presented a paper on "An optimal method in image encryption" in Advances in Dirac Equations, Variational Inequalities, Sequence Spaces and Optimization, II held at University of Central Florida, Orlando, USA during 23rd – 24th September, 2017
178. Dr. Sumit Kumar Vishwakarma presented a paper on "Propagation behavior of Love waves in an orthotropic crustal layer lying over anisotropic mantle" in Recent Advances in Mathematical Science and its Applications (RAMSA-2017) held at JIIT, Noida during 12th – 14th December, 2017.
179. Dr. Sumit Kumar Vishwakarma presented a paper on "On Love frequency under the influence of shear moduli, initial stress and density of orthotropic half space" in SIAM Conference on Mathematical and Computational Issues in Geosciences held at Erlangen, Germany during 11th - 14th September, 2017.
180. Dr. N. Kishore Kumar presented a paper on "Spectral element methods for elliptic problems" in NDETMC held at SRM University, Chennai during 8th - 9th December, 2017.
181. Dr. N. Kishore Kumar has presented a paper on "Canonical ranks of a function generated data on a uniform mesh in an interval" in HDA 2017 held at Sydney, Australia during 13th - 17th February, 2017.
182. A. Sajeli Begum, MTT assay-guided isolation of a cytotoxic lead from Hedyotis umbellata and its mechanism of action against non-small cell lung cancer A549 cells. International Conference on Drug Development Technology (Dubai), Oct 16-17, 2017, 19(10) Part VIII, 891.
183. A. Sajeli Begum, Microscopic analysis of Oldenlandia umbellata and Liquid chromatography-Mass Spectroscopy (LC-MS) Fingerprint of its constituents for species identification and characterization. International Conference on Drug Development Technology (Dubai), Oct 16-17, 2017, 19(10) Part VIII, 892
184. A. Sajeli Begum, Bioactive cyclic dipeptides of microbial origin in discovery of cytokine inhibitors (Keynote Talk). International Conference on Drug Development Technology (Dubai), Oct 16-17, 2017, 19(10) Part VIII, 888.
185. A. Sajeli Begum, A household-based survey of knowledge, attitudes and practices (KAP) towards dengue fever among four villages of Shameerpet Mandal of Ranga Reddy District of Telangana. 15th Annual Conference of Indian Association for Social Sciences and Health (IASSH) and National Institute of Rural Development and Panchayati Raj (NIRDPR), Hyderabad. Nov 16-18, 2017.
186. Swati Biswas, "Nanomedicines as photodynamic therapy in cancer". Podium presentation in a conference "Applied Nanotechnology and nanoscience International Conference" in Rome, Italy on October 18-20, 2017.
187. Swati Biswas, "Poly(lactide)-based polymeric micelles-mediated delivery of chlorin e6: An effective photodynamic therapy in cancer", Authors: Swati Biswas, Preeti Kumari, Shreya Jain, Balaram Ghosh. Presented in Kolkata healthcare Summit-2017 in Kolkata, West Bengal during 20-22 September.
188. Mary Priyanka Udumula , Mangali Suresh Babu , Audesh Bhat , Indu Dhar , Dharmarajan Sriram, Arti Dhar. Activation of double-stranded rna-dependent protein kinase pathway impairs insulin signaling in I6

- muscle cells. Conference on Drug Discovery & Development focus on cancer and diabetes. March 16-17, 2017, NIPER, Hyderabad.
189. Suresh Babu Mangali, Mary Priyanka Udumula, Jaspreet Kalra, Arti Dhar. Activation of double-stranded rna-dependent protein kinase mediates palmitic acid mediated oxidative stress and apoptosis in cultured h9c2 cardiomyocyte. "International Conference on Challenges in Drug Discovery and Delivery (ICCD3 - 2017)". March 2 – 4, 2017 at BITS Pilani (Pilani Campus), Pilani, Rajasthan (India).
 190. Jaspreet kalra, Mary Priyanka Udhumula, Mangali Suresh Babu, Audesh Bhat, Indu Dhar, Arti Dhar. High fructose induces oxidative stress and apoptosis in cultured renal NRK-52 cells via activation of PKR pathway. International Conference on Challenges in Drug Discovery and Delivery (ICCD3 - 2017)". March 2 – 4, 2017 at BITS Pilani (Pilani Campus), Pilani, Rajasthan (India).
 191. Mary Priyanka Udumula, Mangali Suresh Babu, Audesh Bhat, Indu Dhar, Dharmarajan Sriram, Arti Dhar. Activation of PKR impairs insulin signalling in skeletal muscle cells. Presented at Ramanbhai Foundation 8th International Symposium on current trends in health care on Feb 2-4, 2017, Gujrat, India.
 192. Dielectric and ferroelectric characteristics of rare earth doped strontium bismuth tantalate ceramics for ferroelectric memory capacitor devices, **(Contributory Talk)** B. Rajesh Kannan, N. Jahangeer and **B. HariharaVenkataraman**, 12th National Conference on Solid State Ionics, BITS - PILANI, Pilani, India, December 21 - 23, 2017.
 193. Synthesis and structural characterization of a promising multiferroic (BiFeO₃) material for photovoltaic application, Waseem Ahmad, N. Jahangeer, Kannan Ramaswamy, Souvik Kundu and **B. HariharaVenkataraman**, National Symposium on Convergence of Chemistry and Materials, BITS - PILANI, Hyderabad, India, December 21 - 22, 2017.

Dubai Campus

1. Shaikh Faisal Zaman, Khalil-Ur-Rahman, Shoaib Ismail, Prakash Kumar B G, Neeru Sood, Trupti Gokhale And Ramachandran S, "Optimization Of Growth Conditions For Biomass Production And Characterization For Bioenergy Applications" Current Trends in Biotechnology 2017 conference held in Manipal University Dubai on April 12-13, 2017. (Awarded the 3rd place overall for the poster presentation competition).
2. Subramanian S C A, Akshai A, Ramachandran S, Prakash Kumar B G*, " Optimization of macronutrient kinetics for biomass production in Nostoc calcicola", International Conference on Recent Advances in Material & Manufacturing Technologies (IMMT 2017) Nov 28-29,2017, BPDC, Dubai.
3. Dr. Meghana Charde presented a paper titled The State of our Schools in Dubai at EGBC (Emirates Green Building Council) roundtable discussion on 19, November 2017.
4. Varsha Venkatesh and R Swarnalatha,"Review and Simulation of Memristors using MATLAB and PSpice", IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2017). SVS College of Engineering, Coimbatore, Tamil Nadu, India during Feb 22 – 24, 2017.
5. Varsha Venkatesh and R Swarnalatha" Review and assessment of the rating scales of Parkinson's Disease" 3rd International Conference on Science, Engineering, Law & Management (ICSELM 2017), 25-26 November 2017 Dubai, UAE
6. Mohammed Shamroukh., Ihtisham Qasim Kalimullah., Alan Chacko., Shreya Sharad Barlingay.,V.Kalaichelvi and Adhir Baran Chattopadhyay., " Evaluation of Control Strategies in Semi-Active Orthosis for Suppression of Upper Limb Pathological Tremors"., Proceedings of IEEE International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology.,pp.75-80., Dept of Electrical Technology., Karunya University., Coimbatore., Feb 3-4, 2017 (Ihtisham got best paper award while presenting this paper)
7. Arvind Desikan and V.Kalaichelvi., "ANFIS Modeling of Photovoltaic Systems to mitigate Partially Shaded Conditions" ., Proceedings of IEEE International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology., pp.181-186.,Feb 3-4 2017. Coimbatore., Feb 3-4 2017.
8. Neetika Singhal., Nishank Singhal., V.Kalaichelvi., " Image Classification Using Bag Of Visual Words Model With FAST And FREAK"., 2017 IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2017)., SVS College of Engineering,pp.1144-1148.,Coimbatore,Tamil Nadu, India during Feb 22 - 24 .,2017
9. Lauren Alisha Fernandes., Aaditya Saraiya., V.Kalaichelvi and R. Karthikeyan., "Performance Evaluation of Digital Image Processing and Artificial Neural Networks for Weld Line Detection of Robotic Manipulator"., pp.933-938., 9th IEEE-GCC Conference and Exhibition 2017., May 7-10.,2017.

10. Ihtisham Qasim Kalimullah., Arvind Desikan and V.Kalaichelvi., "Analysis of A Proposed Algorithm for Point to Point Control of A 3 DOF Robot Manipulator"., IEEE Control, Automation ,Robotics (ICCAR 2017).,pp.289-292., April 22-24.,2017., Nagoya.,Japan.
11. Nishank singhal.,srishti and V.Kalaichelvi., "Application of Convolutional Neural Network to Classify Sitting and Standing Postures"., Proceedings of the World Congress on Engineering and Computer Science 2017 Vol I WCECS 2017, October 25-27, 2017, San Francisco, USA., ISBN: 978-988-14047-5-6.,ISSN: 2078-0958 ISSN:2078-0966.
12. Rohen Bhandhari and V.Kalaichelvi., "Analysis and Control Techniques for Two-Link Underactuated Manipulator"., IEEE International Conference on Engineering Technologies and Applied Sciences., Nov 29-Dec 1.,2017.,AMA International University.,Bahrain
13. Saraiya Aaditya Asit and V.Kalaichelvi., "Vision Based Forward Kinematics Using ANN for Weld-Line Detection with a 5-DOF Robot Manipulator"., Advanced Computational and Communication Paradigms (ICACCP)., Sikkim Manipal Institute of Technology (SMIT), Rangpo, Sikkim, Sep 8-10.,2017.,India.
14. Shamith L Saldanha1, V.Kalaichelvi and R Karthikeyan., "Prediction Analysis of Weld-Bead and Heat Affected Zone in TIG welding using Artificial Neural Networks"., International Conference on Materials and Manufacturing.,BITS Pilani,Dubai Campus., Nov 28-29.,2017
15. M. Raja, "Design of MIMO System with Individual Transmit Power Constraint and Improper Constellation" 12-th International Conference on Broadband and Wireless Computing, Communication and Applications, Barcelona, Spain, Nov. 2017 .
16. Dr. Mary Lourde R., attended the International Conference on Bioinformatics and Biomedical sciences- ICBBS 2017, NUS, Singapore, June 2017, and presented a paper titled "Time-Frequency Methods for Diagnosing Alzheimer's Disease Using EEG – A Technical Review" .
17. Dr. Mary Lourde R., attended International Union of Radio Science URSI –RCRS 2017 3rd Regional Conference on Radio Science, March 2017, Tirupati, organized by National Atmospheric Research Laboratory (NARL), Department of Space, Government of India, and presented the paper "Doppler Profile Estimation using Gaussian Wavelets".
18. Dr. Mary Lourde R., attended International Union of Radio Science URSI –RCRS 2017 3rd Regional Conference on Radio Science, March 2017, Tirupati, organized by National Atmospheric Research Laboratory (NARL), Department of Space, Government of India, "Classification of Wind Profiler Power Spectra by Signature matching using Wavelet Transform".
19. Dr R Gomathi Bhavani presented the paper, "Assessment of Daylight Performance of a Commercial Office Space in Hot, Arid Climate for Enhanced Visual Comfort Conditions" at 2017 IEEE International Conference on Technological Advancements in Power and Energy (TAP Energy 2017), 21-23 Dec 2017, Amrita University, Kollam, Organized by IEEE Power and Energy Society, Kerala section.
20. Mukesh Singh Tomar and Shashank Khurana "Theoretical approach of determining Peak Heat release Rate in Road Tunnel Fires" 4th Arabian Tunelling Conference & 20th Gulf Engineering Forum. 21st-22nd February 2017, Dubai, U.A.E
21. Joseph Jeyasurya, Gayathri Krishnan and Shashank Khurana "Design and Performance Study of a Solar Operated AquaAmmonia Absorption Refrigeration System"International Workshop on Trends in Solar Power Generation and Energy Harvesting 27th-29th March 2017, Dubai U.A.E
22. .R.Udayakumar, Sadjot Biswal , Aravind prasanth and Sankaram "Design of steering system for a small Formula type vehicle using tire data and slip angles" 3rd International Conference on Vehicle Engineering and Design (ICVED 2017) July 1-3, 2017 Hongkong
23. Nandakumar Pillai, R Karthikeyan. Effect Of Deep Cryogenic Treatment On Aisi A8 Tool Steel And Development Of Wear Mechanism Maps Using Fuzzy Clustering International Conference on Materials and Manufacturing (IMMT 2017), 28-29 November, Dubai, UAE
24. Nandakumar Pillai, R Karthikeyan. Prediction Of Ttt Curves Of Cold Working Tool Steels Using Artificial Neural Network Model International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
25. D.Purushothaman, Krishna Kaushik Yanamundra, Gokul Krishnan, C. Perisamy Finite element simulation and experimental verification of Cutting force in machining for 6068 Aluminum alloy, International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
26. Krishna Kaushik Yanamundra, R Karthikeyan, Vishal Naranje Finite element simulation and Experimental verification of Incremental Sheet metal Forming International Conference on Materials and Manufacturing (IMMT 2017), 28-29 November, Dubai, UAE
27. Akshay Gidwani and Siddanth James, R. Karthikeyan, S. Vincent Effect of Entropy Generation on Wear Mechanics and System ReliabilityInternational Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
28. M Tomar and S Khurana, Road tunnel fires and tunnel lining material, International Conference on Materials and Manufacturing (IMMT 2017), 28-29 November, Dubai, UAE

29. Kesar Mal Kothari, Vishweshwar Samba, R. Udayakumar and Ram Karthikeyan Modeling and Computational Simulation of Cable Pulling Winch Machine International Conference on Materials and Manufacturing (IMMT 2017), 28-29 November, Dubai, UAE
30. Cherish Mani, R. Karthikeyan, S. Vincent A study on corrosion resistance carried out on welding 316L stainless steel with Monel 400 by GTAW process International Conference on Materials and Manufacturing (IMMT 2017), 28-29 November, Dubai, UAE
31. Shresh Kumar, Rebin Anvar, Wookha Ryu, E. S. Park, and S. Vincent Biocorrosion Evaluation on a Zr-Cu-Ag-Ti Metallic Glass International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
32. G. Venkatesh, Divyank Sood, Apurbba Kumar Sharma A Fuzzy Logic Approach On Ultrasonic Assisted Abrasive Flow Machining International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
33. Kiran Thomas, S. Vincent, Dipika Barbadikar, Rebin Anwar, Nevil Fernandes, Shresh Kumar, Corrosion Characterisation In Incoloy 925 And 110 Ksi Low Alloy Steel International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
34. M.C. Subin, Jason Savio Lourence, Ram Karthikeyan, C.Periasamy Analysis of materials used for Greenhouse roof covering structure using CFD International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
35. Sathish Kannan, Salman Pervaiz, S. Vincent, R. Karthikeyan Tool life and surface integrity aspects when drilling nickel alloy International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
36. Waleed Qureshi, S. Vincent, Sathish Kannan, R. Karthikeyan, Manoj Gupta, Vyasraj Manakari, Influence of Silica Nanospheres on Corrosion Behavior of Magnesium Matrix Syntactic Foams, International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
37. Dipika R. Barbadikar, S. Vincent, A.R. Ballal, D.R. Peshwe, and M.D. Mathew Optimization of BI test parameters to investigate mechanical properties of P92 steel International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
38. P Raja S Bojanampati, R Karthikeyan Effect of rotation speed and welding speed on Friction Stir Welding of AA1100 Aluminium alloy International Conference on Materials and Manufacturing (IMMT 2017) 28-29 November, Dubai, UAE
39. S Bojanampati, S Venugopal, R Karthikeyan, A Case study for comparing the feasibility of manufacturing implant using 3D printing and CNC machine, International Conference on Materials and Manufacturing (IMMT 2017), 28-29 November, Dubai, UAE
40. D.S. Robinson Smart, Joses Jenish Smart, C.Periasamy, Investigation Of Effect Of Rotary EDM Electrode On Machining Performance Of Al6061 Alloy, International Conference on Materials and Manufacturing (IMMT 2017), 28-29 November, Dubai, UAE
41. Shamith L Saldanha, V.Kalaichelvi and R Karthikeyan, Prediction Analysis of Weld-Bead and Heat Affected Zone in TIG welding using Artificial Neural Networks, International Conference on Materials and Manufacturing IMMT 2017 28-29 November, Dubai, UAE
42. S. Kasid, S. Kumar, Vishal .Naranje, Modelling and prediction of life of knockout bar of compound die, 20th International Conference on Advances in Materials and Processing Technologies, 11th to 14th December 2017, India
43. Ramakrishnan Raman, Dr. S. Vadivel and Dr. Benson, "A Framework for Cost-Effective Distributed Data Mining in academic institutions using Intelligent Agents", IEEE Conference on Information Technology Trends, 2017, Higher Colleges of Technology, Oct. 2017, UAE.
44. Zaidali Khoja and Sujala D Shetty, "Hybrid Recommender System for College Courses", 2017 International Conference on Computational Science and Computational Intelligence (CSCI'17) Dec 14-16, 2017, Las Vegas, USA.
45. Thapa, A, Biswal, S, Sood, N, Ramachandran, S, Gokhale, T, Development of a biosensor using photobacterium spp. for the detection of environmental pollutants. BioSmart 2017, 2nd International Conference on Bio-engineering for Smart Technologies, Paris, 30th Aug -1st Sep 2017. (Poster presentation).
46. Zaman SF, Khalil-Ur-Rahman, Ismail S, Kumar BGP, Sood S, Gokhale T and Subramanian R, Optimization of Growth Conditions For Biomass Production And Characterization For Bioenergy Applications, Current Trends in Biotechnology-CTBT 2017, 12-13, April 2017, Manipal University Dubai (poster presentation).
47. Gokhale T, Alternate medicines practiced in Arab regions, International Conference on Ancient Science and Technology Retrospection and Aspirations (ASTRA 2017), 18th-19th Jan 2017, H.V. Desai College, Pune, India (oral presentation).
48. S Rajeswari, Sood, N, Gokhale T, Ramchandran, S. Screening for sensitive and tolerance Barley Accessions to Salinity: A case study with 12 Accessions, Current Trends in Biotechnology-CTBT 2017, pp. 10, 12-13th April 2017, Manipal University Dubai (oral presentation).

49. S Rajeswari, Sood, N, Sood ,N, S Arumugam, Identification of salinity stress tolerant proteins in Sorghum Bicolor Computational Approach, International conference on theoretical computer science & discrete mathematics (ICTCSDM 2016) springer international, LNCS 10398, pp 318-325, Dec 19-21 , 2016, AKCE, TN, India (oral presentation).
50. Leonardo Micheli, Eduardo F. Fernández, Greg P. Smestad, Hameed Alrashidi, Nabin Sarmah, Nazmi Sellami, Ibrahim A. I. Hassan, Amal Kasry, Gustavo Nofuentes, Neeru Sood, Bala Pesala, S. Senthilarasu, Florencia Almonacid, K.S. Reddy, Matthew Muller, Tapas Mallick (2017) A unified global investigation on the spectral effects of soiling losses of PV glass substrates: preliminary results during IEEE 44th Photovoltaic Specialists Conference (PVSC) from June 25-30,2017 ,Washington DC (Paper was presented by PI) Dr Ramachandran also worked with the data collection and analysis during the course of study but due to Author limitations, only PI from different organizations were mentioned (oral presentation).
51. SV. Divyarashmi, A.Somasundaram and S. Arumugam, Global Secure Domination in Graphs, International Conference on Theoretical Computer Science and Discrete Mathematics, 50-54, 19-21, Dec-2016. Kalasalingam University, Krishnankoil, India
52. S.Rajeswari, M.Indhumathy, A.Somasundaram, Neeru Sood and S. Arumugam, Identification of Salinity stress tolerant Proteins in Sorghum Bicolor -Computational Approach, International Conference on Theoretical Computer Science and Discrete Mathematics 318-325, 19-21, Dec-2016. Kalasalingam University, Krishnankoil, India
53. Seba Sara Varghese, Sundaram Swaminathan, Krishna Kumar Singh, Vikas Mittal DFT Based Simulation of H₂S Gas Sensing Properties of Doped Graphene, Proceedings of the 3rd World Congress on New Technologies (NewTech'17) Paper No. ICNFA 103 ISSN: 2369-8128 DOI: 10.11159/ icnfa17.103 Rome, Italy – June 6 – 8,2017
54. Natesa Prasad, Energy Security as a subset of National Goals, International Conference in Delhi on Emerging Global Economic Scenario, 11 November 2017, New Delhi, Book chapter by Bloombury Publishers, Page 144
55. Sheetal Desai, Rao, A.S., Shazi Shah Jabeen and Waheed A. A Comprehensive Examination of Antecedents of Cultural Intelligence (CQ): A Comparison Between Third Culture Kids (TCKs) vs. Monoculture Kids, 3rd International Conference on Organization and Management, 19-20 Nov 2017, Abu Dhabi, UAE

Faculty Research Area

Pilani Campus:

Department	Name of faculty	Research Area
Biological Sciences	S.K Verma	Environmental & Microbial Biotechnology
	Ashis Das	Molecular Parasitology
	Shibasish Chowdhury	Computational Biology
	Jitendra Panwar	Environmental & Microbial Biotechnology
	Rajesh Mehrotra	Plant Biotechnology
	Pankaj Sharma	Plant Biotechnology and Biochemistry
	B. Vani	Environmental & Microbial Biotechnology
	Uma S Dubey	Cancer biology
	Prabhat Nath Jha	Environmental & Microbial Biotechnology
	Vishal Saxena	Molecular Parasitology
	Sandhya Mehrotra	Plant Biotechnology
	Shilpi Garg	Molecular Parasitology
	Rajdeep Chowdhury	Cancer biology
	Sudeshna Mukherjee	Cancer biology
	Sandhya Marathe	Host-Microbe Interaction
	Manoj Kannan	Computational Biology
	Meghana Tare	Chronic diseases
	SyamantakMajumder	Chronic diseases
Manoj Kannan	Computational Biology	
Chemical Engineering	Ajay Kr. Pani	Soft computing, Process Modeling, Process Control
	Amit Jain	Decentralized control of multivariable processes, Desalination and wastewater treatment techniques
	Arvind Kr. Sharma	Environmental Engineering, Fluidization, Adsorption, Biochemical Engineering, Separation Processes, Fluid Mechanics, Modeling and Simulation
	Banasri Roy	Biomedical Materials, Renewable energy, Nano catalysts, Fuel cell materials, Solar cell devices, Solar cell materials, Photocatalysts
	B V Prasad	Process Control, Process, Modelling and Simulation, Educational Administration, University – Industry Collaborations
	BhanuVardhan Reddy K	Membrane Separations, Computational Fluid Dynamics
	Hare Krisna Mohanta	Advanced Process Control, Process Monitoring and Control, Modeling and Simulation, Reactive Distillation, Catalytic pyrolysis of petroleum for production of petrochemical feedstocks, Applied wavelet analysis
	Pradipta Chattopadhyay	Aqueous foam generation characteristics, Foam and foam modeling, Impact of surfactants on aqueous foam development, Delayed Coking operation in Petroleum Refining
	Priya C Sande	Computational Fluid Dynamics (CFD) simulation for gas-solid fluidization, Petroleum and Petrochemical industry practices
	Raman Sharma	Oxy-combustion CO ₂ capture using Chemical-Looping, Fluidized Bed Operations, Solid Fuel Combustion, Flue Gas Sampling, Particulate Matter Sampling, Emissions Trading under Clean Development Mechanism (CDM).
	Samir R Kale	Process Plant Safety, Design of Process Technologies, Mass and Health Integration.
	Santosh Khandagave	Chemical Engineering Process Modeling, Simulation and Optimization, Extractive metallurgy, Transport phenomenon, Energy and environmental engineering, Bio chemical engineering
	Sheth Pratik Nitinchandra	Biomass Gasification, Modeling and Simulation, Process Control, Computational Fluid Dynamics (CFD), Pyrolysis, Process Design
	Smita Raghuvanshi	Environmental Engg (Biofiltration of VOCs & metal ions) Environmental Engg (CO ₂ mitigation using biobased techniques using pure strain of algae & mixed culture), Environmental impact assessment of various processes, Life cycle assessment of process industries
Srinivas Appari	Catalysis, Micro - Kinetic Modeling.	

Chemical Engineering	Suresh Gupta	Environmental Engineering & Separation Processes, Removal of Pollutants Using Adsorption (Low-cost adsorbents, Nano-adsorbents), Bio-based Pollutant Removal Techniques (Biofiltration, Biosorption), Wastewater Treatment, Mathematical Modeling and Simulation of Chemical Processes, Computational Transport Phenomena, Environmental Management Systems (LCA, EIA), Energy Integration
Chemistry	Prof. S. C. Sivasubramanian	Physical Chemistry/Electron Paramagnetic Resonance
	Prof. Subit Kumar Saha	Physical Chemistry/Soft Matter
	Prof. Ram Kinkar Roy	Physical/Theoretical Chemistry
	Prof. Dalip Kumar	Synthetic Organic and Medicinal Chemistry
	Prof. Anil Kumar	Organic/Medicinal Chemistry
	Prof. Saumi Ray	Materials/Inorganic Chemistry
	Prof. Ajay Kumar Sah	Inorganic Chemistry/ Catalysis/ Biochemistry
	Prof. Bharti Khungar	Inorganic Chemistry/Catalysis/Green Chemistry
	Prof. Inamur Rahaman Laskar	Materials and Inorganic Chemistry
	Dr. Madhushree Sarkar	Supramolecular Chemistry and Crystal Engineering
	Dr. Prashant U. Manohar	Computational Chemistry Software Development
	Dr. Paritosh Shukla	Organic and medicinal chemistry
	Dr. Indresh Kumar	Organic synthesis & medicinal chemistry
	Dr. SurojitPande	Inorganic/Materials Chemistry
	Dr. Rajeev Sakhuja	Organic & Medicinal Chemistry
Dr. Shamik Chakraborty	Physical Chemistry	
Dr. Bibhas Ranjan Sarkar	Catalysis/ Materials/ Inorganic Chemistry	
Civil Engineering	Prof. Ashoke Kumar Sarkar	Transportation Planning, Rural accessibility and pavement maintenance
	Prof. Rajiv Gupta	Fluid Structure Interaction, GIS & Remote Sensing, Passive solar architecture, concrete technology
	Prof. Shamsher Bahadur Singh	Structural Engineering, Finite Element Modeling, Composite Structures
	Prof. Ajit Pratap Singh	Water Resources Management, Surface and Ground Water Quality Modeling using Numerical Methods & Soft computing techniques, Environmental Engineering and Pavement Management Systems
	Prof. Manoj Kumar	Finite Element Analysis of Structures, Post-peak behavior of Highway Bridges, Seismic analysis of shear wall structures
	Prof. Anshuman	Finite Element Methods, Computer Aided Design, Concrete Technology
	Prof. Ravi Kant Mittal	Geotechnical earthquake Engineering, Seismic design of foundations, Liquefaction of Soil, Ground Improvement techniques, Static & Dynamic behavior of soil reinforced with waste tire chip & fiber
	Prof. Anupam Singhal	Hazardous Waste Management, Advanced water & waste water treatment techniques, air pollution abatement and environmental impact assessment
	Dr. Kamallesh Kumar	Ground improvement techniques, geotechnical engineering
	Dr. Dipendu Bhunia	Performance Based Seismic Design, Earthquake Resistant Design of Structures, Concrete Technology, Energy efficient building
	Dr. S.N. Patel	Dynamic instability of laminated composite stiffened/unstiffened structures
	Dr. Shibani KhanraJha	Modeling and simulation of geo-thermal reservoir, Multi-phase flow modeling
	Dr. Amit Goel	Transportation engineering, Non-destructive testing and evaluation of pavement structures
	Dr. Prasanta Kumar Sahu	Transportation planning, freight transportation modeling, statistical analysis of highway/freight traffic data, traffic-weather modeling
	Dr. G. Muthukumar	Earthquake resistant analysis & design of concrete structures, non-linear finite element response analysis
	Dr. Durgesh Vikram	Traffic Engineering, Traffic flow theory, routing and scheduling of mass transportation systems
	Dr. Rajesh Kumar	Stability of Structures, Non-linear dynamics, Inverse problem of engineering, Structural health monitoring, Composite structures
Mr. R. Srinivas	Fuzzy logic application, optimization, modeling in Environment and water resource planning and management	

Economics and Finance	Krishna M	Employment, Small Business, Energy Economics, Public Policy.
	Geetilaxmi Mohapatra	Environmental, Energy and Development Economics
	Rajan Pandey	Volatility Modeling and Forecasting, Corporate Finance
	Arya Kumar	Entrepreneurship, Financial Management, Energy–Manpower Economics, Values in Management, Capital Markets, Banking
	NVM Rao	Parameter Identification and Estimation in SEM; Economics of Strategy; Financial Economics, Financial Inclusion, e-Governance & Digital Revolution; Behavioral Economics and Finance, Risk Management; Health Economics & Healthcare Management; Economic Development; Economics of Education
	Monika Gupta	Environmental Economics and Policy, Energy Economics, Transport Economics, and GHG Emissions
Department of Electrical and Electronics Engineering	Dr. Navneet Gupta	Device Modeling, Computational Material Science, Electromagnetics and Antennas
	Dr. Chandra Shekhar	VLSI, Embedded System, Microelectronics
	Dr. Anu Gupta	Low power Mixed Signal VLSI Design, HDL Synthesis and FPGA Architectures, Low Power Analog and Digital Circuits Design, ASIC Design
	Dr. V K Chaubey	Optical Wave Guides and Integrated Optics, Wireless & Optical Communication
	Dr. S Gurunayanan	Embedded Systems, Digital Design, VLSI Architecture
	Dr. Surekha Bhanot	Virtual Instrumentation, AI Techniques in Instrumentation & Process Control, Biomedical Signal Processing
	Dr. Hari Om Bansal	Electrical Power System, Voltage Stability Analysis, Control System AI Techniques
	Dr. Hitesh DattMathur	Electrical Power Systems, AI Techniques in Power Systems, MATLAB in Power Systems
	Dr. Dheerendra Singh	Power Electronics, Power System, Hybrid Compensators, FACT and HVDC
	Dr. Karunesh Kr Gupta	Digital Signal Processing, Instrumentation
	Dr. Rajneesh Kumar	Electronics and Control, Soft Switching Invertors
	Dr. Abhijit Rameshwar	High Performance VLSI Data Path Design, Microprocessor Design, Micro-coded Controller Design, NBTI Degradation issues
	Dr. Praveen Kumar A.V	Microwave electronics - antennas and material characterization, Particle accelerators - RF cavity and beam dynamics
	Dr. Rahul Singhal	Polymer Waveguide, Optical Waveguide
	Dr. Sainath Bitragunta	Communication Systems, Modeling, Design, and analysis
	Dr. Arnab Hazra	Electronic Devices, Nanomaterials, Graphene, Chemical Sensor, Resistive RAM
	Dr. Anantha krishna Chintanpalli	Biomedical Signal Processing, Auditory Models, Digital Signal Processing, Speech Processing and Perception, Time-Frequency analyses.
	Dr. Pawan Kamalkish Ajmera	Signal Processing; Biometrics
	Dr. Nitin Chaturvedi	VLSI Design, Computer Architecture
	Dr. Nilanjan Chattaraj	Smart materials based devices and systems, Electromechanical devices and systems
Dr. AsutoshKar	Signal Processing, Adaptive Filters, Acoustics	
Dr. Vinay Chamola	Green Cellular networks, Internet of Things, Renewable energy powered systems	
Dr. Mahesh Angira	Microelectronics and VLSI	
HUMANITIES & SOCIAL SCIENCES	Dr. Gajendra Singh Chauhan	Applied Linguistics, Media Studies, Business & Advertising Communication, and Soft Skills
	Dr. Anil Rai	Science and Logic, working behind world wide music and its practical application in stage performances
	Dr. Anupam Yadav	Continental Philosophy Philosophy of Social Sciences
	Dr. Devika Sangwan	Feminism, Literature, Creative writing, Cinematic Adaptation
	Dr. Hari Nair	Intellectual History and Political Thought
	Dr. Kumar Neeraj Sachdeva	Normative Ethics; Ethical Issues in Professions; Indian Philosophy
	Dr. Kumar Sankar Bhattacharya	English Literature, Cultural Studies, Postcolonial Theory, Indian Writing
	Dr. Pushp Lata	English Language Teaching, Professional Communication, Language, Culture and Communication
	Dr. Rajneesh Choubisa	Psychology, Organizational Psychology, Positive Psychology,

		Online Behavioral Sciences
HUMANITIES & SOCIAL SCIENCES	Dr. SK Choudhary	Linguistics & Phonetics; ELT; Soft Skills
	Dr. Sailaja Nandigama	Environment & Development Studies, Political Science, Public Policy, Human Rights, Gender Studies
	Dr. Sangeeta Sharma	Advertising and Communication, Gender Studies
	Dr. Somdatta Bhattacharya	English Literature, Cultural Studies, Urban Studies
	Dr. Sunita Raina	Science and Technology Studies (STS), Sociology, Globalization Studies, Development Studies
	Dr. Sushila Shekhawat	Film Studies; English Literature; Mass Communication
	Dr. Tanu Shukla	Psychology; Education
	Dr. Virendra Singh Nirban	Technology Acceptance Behaviour, Technology enabled education and Communication, Computer Mediated Communication
Management	Leela Rani	Sustainable consumption, online brand equity and consumer behavior, retail & consumer behavior, services marketing and e-business productivity
	Anil K Bhat	Marketing research Methodologies/Multivariate Statistical Methods, Strategic Marketing/Social Media Marketing/Post Modern Marketing/Brand Management, Risk Management/Entrepreneurship/Innovation & Business Creativity, Indian Management/Business Ethics and Corporate Social Responsibility and Quality and Business Excellence/Supply Chain Management
	Anubha Dadhich	Leadership, Ethics, Culture and Organizational Behavior
	Arun Kumar	Relationship Marketing, Consumer Behavior and E-learning
	Jayashree Mahesh	Cross Cultural Comparative Management, International Human Resource Management, Managerial Communication, Indian Management - Management Practices of Indian and Global companies, Performance Management in Indian and Global companies, Management Practices in Higher Education Institutes and Understanding Career Path of Millennials
	Jyoti Tikoria	Technology Management, R&D Management, Entrepreneurship
	Neetu Yadav	Strategic Management, Sustainable Strategies, Campus Sustainability, Enterprise Performance Management and System Dynamics
	Praveen Goyal	Corporate Sustainability Assessment, Strategic Management and Marketing Performance, Value Co-creation
	Rajesh Matai	Facility Layout/Location Problem, Combinatorial Optimization Problems, Applications of Theory of Constraints and Meta-Heuristics like GA, SA and Tabu Search
	R. Raghunathan	Entrepreneurship, Health care, Strategy
	Sarvesh Satija	Organizational Behaviour, Positive Organizational Behaviour, Positive Psychology, Occupational Health Psychology, Indian Psychology, Business Creativity & Innovation
	Satyendra K Sharma	Supply chain management, Distribution management, Risk management, Project portfolio management, Best practices in project management, Supply and market intelligence
	Udayan Chanda	Marketing Models, Technology Leakage and Valuation, Inventory Modeling, Software Reliability Growth Modeling, Dynamic Optimization Techniques, Technology Credit Risk, Bayesian Network.
	Pratyush Banerjee	Human Resource Analytics, Expatriate Management, Human Resource and IT Integration, Cognitive Psychology, Recruitment and Selection, Employee Stress and burnout, Employee Engagement, Employability and job search, Leadership, Qualitative research
	Saurabh Chadha	Capital Structure, Working Capital Company Valuation, Mergers and Acquisitions, Asset Valuation, Investment Research, Corporate Finance and Related Areas
	Nirankush Dutta	Online Social Media Marketing, e-Commerce, Digital Marketing, Green Marketing
Surabhi Koul	Retailing, Category Management	
Mathematics	Balram Dubey	Mathematical Modelling
	C.B. Gupta	Statistical Inference, Operations research
	Rajiv Kumar	Differential Equations, Nonlinear Analysis
	P H Keskar	Algebra, Algebraic Geometry

Mathematics	Chandra Shekhar	Queueing theory, Fuzzy logic, Statistical inference
	Rakhee	Applied Probability Theory & Queueing Modelling
	B.K. Sharma	Computational Fluid Dynamics
	Shivi Agrawal	Fuzzy Set Theory, Neural Networks
	Trilok Mathur	Fractional Calculus, Geometric Function Theory
	Devendra Kumar	Singular perturbations, Numerical solutions of ODEs & PDEs
	Ashish Tiwari	Fluid Mechanics
	Sangita Yadav	Finite Element Methods
	Suresh Kumar	Cosmology
	Jitender Kumar	Algebra
	SumantaPasari	Probability and Statistics
	Krishnendra Shekhawat	Geometric Graph Theory, Computational Design
	Rajesh Kumar	Uncertainty Quantification, Low Rank Approximation of Tensors, Partial-Integro Differential Equations, Hyperbolic Conservation Laws
	Gurav Diwadi	Elliptic Partial Differential Equations
	G. Venkiteswaran	Numerical Solution of PDEs
Padma Murali	Mathematical Modelling	
Pharmacy	Dr. R. N. Saha	Pharmaceutics and Pharmacokinetics
	Dr. R. Mahesh	Medicinal Chemistry
	Dr. Hemant R. Jadhav	Natural Product Chemistry
	Dr. S. Murugesan	Medicinal Chemistry
	Dr. Gaikwad Anil Bhanudas	Pharmacology
	Dr. Rajeev Taliyan	Pharmacology
	Dr. Atish T. Paul	Natural Product Chemistry
	Dr. Anil Jindal	Pharmaceutics
	Dr. Deepak Chitkara	Pharmaceutics
	Dr. Sunil Kumar Dubey	Pharmaceutical Analysis, Pharmaceutics, Pharmacokinetics
	Dr. Anupama Mittal	Pharmaceutics
	Dr. Gautam Singhvi	Pharmaceutics and Pharmacokinetics
	Dr. Aniruddha Roy	Pharmaceutics, Drug Delivery
	Dr. Murali M Pandey	Pharmaceutics
	Dr. Sandeep Sundriyal	Medicinal Chemistry
Ms. Archana Khosa Kakkar	Pharmaceutics	
Physics	Dr. R. R. Mishra	Condensed Matter (Theory)
	Dr. D. Bandyopadhyay	Condensed Matter (Theory)
	Dr. Kusum Lata	Atomic Physics (Theory)
	Dr. Anshuman Dalvi	Condensed Matter (Experiment)
	Dr. D. D. Pant	Spectroscopy (Experiment)
	Dr. S. Sindhu	Condensed Matter (Experiment)
	Dr. R. Choubisa	Atomic Physics (Theory)
	Dr. R. K. Gupta	Condensed Matter (Experiment)
	Dr. V. Manjuladevi	Condensed Matter (Experiment)
	Dr. Srijata Dey	Condensed Matter (Experiment)
	Dr. Rishikesh Vaidya	Theoretical Particle Physics
	Dr. Niladri Sarkar	Condensed Matter (Theory)
	Dr. Navin Singh	Soft Condensed Matter (Theory)
	Dr. B. Layek	Theoretical Particle Physics
	Dr. Madhukar Mishra	Theoretical Particle Physics
	Dr. Kaushar Vaidya	Observational Astronomy
	Dr. Tapomoy G Sarkar	Theoretical Cosmology
	Dr.J.N. Bandyopadhyay	Complex systems
	Dr. S. Gangopadhyay	Condensed Matter (Experiment)
Dr. A. Holkundkar	Plasma Physics	

Computer Science & Information Systems	J. P. Misra	Computer Architecture, Embedded Systems & Robotics(File System related Issues for Real time and Embedded Systems, Electronic System Design) High Performance Computing and Distributed Systems(Distributed Computer Control System)
	Sudeept Mohan	Computer Architecture, Embedded Systems & Robotics.
	Navneet Goyal	High Performance Computing and Distributed Systems (HPC Framework for Data Mining) Artificial Intelligence; Machine Learning; Data Mining; Big Data Analytics - Domain Specific Computing Systems; Data Provenance for Relational and NoSQL Databases
	Shan Balasubramaniam	High Performance Computing and Distributed System(Distributed Computing and Service Oriented Architecture) Algorithms & Theoretical Computer Science(Programming Language Theory & Formal Methods)
	Mukesh Kumar Rohil	Image Processing & Multimedia(Multimedia Computing, Computer Graphics, Computer Vision, Image Processing, Geographical Information Systems).
	Poonam Goyal	Machine Learning, Data Mining (Parallelization of Data Mining Algorithms, Information Retrieval, Image Retrieval, Genome Sequence Assembly Algorithms, HPC Framework for Data Mining)
	Yashvardhan Sharma	Software Engineering - OOAD, Testing Sentiment Analysis - Text Summarization, Spam and Sarcasm Detection, NLP tools for Indian Languages Data Warehousing - ETL, Indexing Techniques Machine Learning based Systems Software Application Development.
	K. Hari Babu	Software Defined Networking, Network Function Virtualization, Cloud Computing, P2P Systems.
	Virendra Singh Shekhawat	Networking and Distributed Systems, Inter Robot Communication in Mobile Adhoc Networks, Delay Tolerant Networking, Software Defined Networking
	Vishal Gupta	Networking and Mobile Computing(802.11 networks and Multi Criteria Decision Making techniques within the domain of Vertical Handover in 3G-WLAN Interworking environment. Ranking algorithms of search engines).
	Vandana Agarwal	Pattern Recognition, Machine Learning, Computational Intelligence, Brain Computer Interface.
	Avinash Gautam	Embedded Systems & Robotics (Cooperative robotics), Distributed Computing, Distributed Artificial Intelligence, Agent Based Systems.
	Sundaresan Raman	Medical Image Analysis, Computer Graphics , Scientific Visualization.
	Abhishek Mishra	Algorithms & Theoretical Computer Science(Algorithms, Computational Complexity)
	Lavika Goel	Nature inspired intelligence, optimization algorithms, hybrid intelligent techniques, Soft Computing, artificial intelligence, remote sensing, image processing, machine learning, computational intelligence, pattern recognition.
	Kamlesh Tiwari	Machine Learning, Cognitive Computing, Computer Vision, Multimodal Biometric (Fingerprint, Face, Palmprint, Knuckleprint) and Security.
	Ashutosh Bhatia	Computer networks, Wireless Networks (WSN, MANET, VANET, BAN), Software Defined Networking, Network Function Virtualization and Internet of Things.
	Amit Dua	Computer Networks, Ad hoc networks, Network Security, Game theory.
	Mayuri A. Digalwar	Multi-processor/Multi-core Computer Architecture, Real Time Embedded Systems, Power Aware and Sustainable Computing.
	Shashank Gupta	Web Security (Script Injection Attacks, Cross-Site Scripting Vulnerabilities, BotNet Detection, Phishing), Fog Computing, Cloud Security, Block Chain Security, Online Social Network (OSN) Security.
Jennifer Ranjani J	Digital Image Processing, Remote Sensing, Medical Image Analysis, Data Hiding and Internet of Things.	

Mechanical Engineering	Souvik Bhattacharyya	Thermal Science & Natural Circulation Loops
	R.K.Mittal	Robotics
	Mani Sankar Dasgupta	Design, Simulation
	Kuldip Singh Sangwan	Manufacturing
	P. Srinivasan	Production Engineering
	Arun Maity*	Project Management, Manufacturing Excellence
	P. B.Venkatraman*	Decision analysis.
	Bijay Kumar Rout	Quality, Reliability, Operations Research and Robotics
	Abhijeet K Digalwar	Manufacturing Engineering and Management
	Srikanta Routroy	Supply Chain Management, Production Planning and Control, Optimization
	Manoj Kumar S Soni	Solar Thermal and Thermal Engineering
	Sharad Shrivastava	Biomedical Engg, Engineering Materials
	Ravi Shrikrishna Reosekar*	Manufacturing Organization and Management
	R P Mishra	Manufacturing Systems Engineering
	Pavan Kumar Potdar*	Materials Management, Manufacturing Management
	Naga Vamsi Krishna Jasti*	Lean Manufacturing
	Jitendra Singh Rathore	Nano System and Fluidics
	Sachin U Belgamwar	Materials Engineering and MEMS
	Amol M. Marathe	Nonlinear vibrations
	Sudeep Kumar Pradhan*	Supply chain Management, Operation Management
	Palla Murali	Solid Mechanics, Materials Science
	ArunJalan	Dynamics, Vibration
	Srinivas Kota*	Product Design, Life Cycle Assessment
	Tufan Chandra Bera	Manufacturing
	Shyam Sunder Yadav	Computational Fluid Dynamics
	Prateek Kala	Advanced Manufacturing Processes
	Girish Kant	Manufacturing Engineering
	Varun Sharma	Rapid Prototyping, Advanced Manufacturing Processes
	Akash Rai	Air pollution: measurements, modeling, and control
	Simanchal Kar	Surface coating and Manufacturing Technology
	Arindam Das	Nano Materials
	Venkatesh Kadbur Prabhakar Rao	MEMS, NEMS, Dynamics
	Keyur B Joshi	Fluid structure interaction
Gajanand Gupta	Manufacturing, Reliability based Maintenance	
Dinesh Wamanrao W. *	Thermal Engineering	
Uma Maheswari N*	Thermal Engineering	
Raghu Raman	Thermal Engineering	

Goa Campus:

Department	Name of faculty	Research Area
Biological Sciences	Utpal Roy	Applied and Theoretical Research on Antimicrobials
	Meenal Kowshik	Nanobiotechnology
	Judith Maria Braganca	Biodiversity and Biotechnology of Archaea
	M. Srikanth	Bioremediation
	Veeky Baths	Computational Systems Biology, Computational Neuroscience and Network Modeling
	Anasuya Ganguly	Cell and Molecular Biology
	Dibakar Chakrabarty	Drug leads from animal toxins
	Vijayashree Nayak	Tissue engineering, cancer biology
	Sumit Biswas	Structural Biology, Biophysics, Bioinformatics, Molecular Biology
	Angshuman Sarkar	Cell Biology, Cell and tissue culture technology, Cancer Biology, Nanotoxicology
	Malabika Biswas	Molecular Biology and Biotechnology
	Sukanta Mondal	Bioinformatics and Computational Biology
	Kundan Kumar	Plant Biotechnology
Indrani Talukdar	RNA Biology, Stem cell research	

Department	Name of faculty	Research Area
	Arnab Banerjee	Biology of reproduction
	Raviprasad Aduri	Biophysics and Computational Biology
	Sandhya Mehrotra	Plant Biotechnology
	Rajesh Mehrotra	Plant Biotechnology
Chemical Engineering	SarojSundarBaral	Wastewater treatment using various processes like adsorption, anaerobic digestion and photocatalytic degradation. Extraction and purification of metals from ores and industrial waste using chemical and biological methods CO2 utilization and conversion
	Srinivas Krishnaswamy	Addressing challenges posed in developing practical cost effective, energy efficient and environment friendly systems from a commercialization point of view (Unmixed Combustion, Applied Process Thermodynamics, CO2 conversion to useful products, Process Intensification in Separation and reactor systems)
	Sutapa Roy Ramanan	Nano-biomaterials for labeling and drug delivery, electroceramicnano powders, thermal interface materials for electronic packaging, thin films for optical and electronic applications
	S. D. Manjare	Fuel Cell (High Temperature Proton Exchange Membrane), Supercritical Fluid Extraction (of natural products for either pharmaceuticals and nutraceuticals purpose), Life Cycle Assessment studies of the process plant, Environmental pollution control
	Manjuri Kumar	Synthesis and characterization of novel Chromium compounds using different chelating ligands. Advanced thermoset resin system. Development of composites based on polybenzoxazine and studying their thermal and mechanical properties. Removal of toxic substances using modified polymer.
	JegathaNambi Krishnan	Bio-MEMS – Microfluidic separation and detection technologies, Nanomaterials for sensor applications.
	AsimaShaukat	Rheology of lubricating greases, rheological dynamics of polymer-layered silicate clay nanocomposites, yielding behavior of jammed systems
	Dhanya Ram V	Process Control and Dynamics of MIMO systems, unstable systems, systems with inverse response, Process Identification, Modelling and Simulation, Process Optimization
	RajagopalVellingiri	Thin film flows, Wetting dynamics, Hydrodynamic instabilities, Low-dimensional modeling
	Vivek R	Bioprocess, Biosurfactants, Bioactives for cosmetic applications
	Pradeep Kumar Sow	Hydrogen production using thermochemical cycles, Fuel cell, Electro-electrodialysis, Electrochemical engineering, Materials with controlled wettability: fabrication and applications, Diagnostic system design.
	RichaSinghal	Nanomaterials, Electrochemical energy storage (EES) devices,CO2 Mitigation
	Anirban Roy	Membrane Separation, Biomedical Engineering, Water Treatment
	Sharad M Sontakke	UV/ Solar assisted photocatalysis, Catalysis, Value added materials from industrial waste, Solar cells, Polymeric and ceramic membranes, conducting metal oxide synthesis and applications
	Amol Deshpande	Unmixed combustion for heat transfer applications, Transport Phenomena, Computational Fluid Dynamics (CFD) and Reaction engineering (Modeling)
	ParulSahu	Phase Equilibrium Studies, Molecular Simulation , (Gas hydrates, Natural Gas, Polymers)
	Sutapa Roy Ramanan	Nano-biomaterials for labeling and drug delivery, electroceramicnano powders, thermal interface materials for electronic packaging, thin films for optical and electronic applications
	S. D. Manjare	Fuel Cell (High Temperature Proton Exchange Membrane), Supercritical Fluid Extraction (of natural products for either pharmaceuticals and nutraceuticals purpose), Life Cycle Assessment studies of the process plant, Environmental pollution control

Chemistry	Prof. A.P. Koley	Inorganic biochemistry, Coordination Chemistry
	Prof. Sunil Bhand	Biosensor, Environmental Analytical Chemistry, Biochips, Microfluidics for chemical analysis
	Prof. N.N. Ghosh	Nanochemistry and nanomaterials Polymer, Materials Science
	Prof. R.N. Behera	Molecular simulation of soft matter, electronic structure calculations
	Prof. Anjan Chattopadhyay	Computational Photochemistry (Radiative decay, fast non-radiative decay channels- conical intersections)
	Prof. Ranjan Dey	Thermodynamics and Transport properties of Liquid Mixtures, Excess Properties, New and Renewable Energy
	Prof. P. Bhavana	Synthetic porphyrin chemistry, Photochemistry and Bioinorganic chemistry
	Prof. R. N.Panda	Solid State Chemistry, Nano-technology, Nanochemistry and nanomaterials
	Prof. Halan Prakash	Photochemistry - Antimicrobial Photosensitiser, Environmental Chemistry- Advanced Oxidation Process, Bioinorganic -Bioconjugates Peptide and Protein Chemistry
	Prof. Mainak Banerjee	Heterogeneous Catalysis, Green Chemistry, Development of Chemosensors, Supramolecular Chemistry
	Prof. Amrita Chatterjee	Synthetic Organic Chemistry, Molecular sensors, Green Chemistry
	Dr. Tincy Thomas	Fluorescence and Photophysical Chemistry
	Dr. Rashmi Chauhan	Polymer Chemistry
	Dr. K.P. Jayadevan	Oxide Nanomaterials (Nanoparticles, Thin films) , Computation of Thermodynamic properties of solvated (charged) species
	Dr. Subhadeep Banerjee	Synthetic Porphyrin Chemistry, Chemistry of Organic Chromophores
Dr. Tanmoy Mondal (DST INSPIRE Faculty)	Ultrafast relaxation dynamics of biomolecules – Photobiology, Excited state phenomena and Jahn-Teller effect	
Economics and Finance	Dr. Aswini Kumar Mishra	Applied Econometrics, Industrial Economics & Behavioural Economics
	Dr. Ch.V.V.S.N.V. Prasad	Operations Management, Strategic Management, Marketing, and Information Technology
	Dr. Debasis Patnaik	Social sciences, Financial Economics, Environment Economics
	Prof. Mridula Goel	International Economic order, Business environment, Entrepreneurship, Gender Issues
	Dr. Rajorshi Sen Gupta	Intellectual Property Management, Principal-Agent contracts, Transportation Economics, Simulation
	Dr. Sukumar Vellakkal	Macroeconomic policies and health; Impact evaluation; Universal healthcare
HUMANITIES & SOCIAL SCIENCES	Prof. BasavadattaMitra	Cross Cultural Communication in the Age of Globalization (Values,Tradition,Culture,Religion,Faith,Beliefs,Negotiation and Negotiating,Leadership) Renaissance Drama and William Shakespeare in Management Studies Adaptation of Literary Works in Cinema ELT: Non-Verbal Communication, Micro Expressions. Women Empowerment(Laws for Protection of Women and children)
	Prof. R. P. Pradhan	Development Economics /International Trade / International Business / Diaspora and Migration Studies / Maritime Economics / Poverty and Development Studies / International Strategic Issues/.
	Prof. Geetha B	Digital Humanities, Film and Literature Studies, Interface between Science Fiction and Philosophy, Integration of Liberal Arts and Engineering
	Dr. ReenaCheruvath	Ethics, Cognitive Science, Philosophy of Mind, Education
	Dr. ShaliniUpadhyay	Spiritual Intelligence, Pedagogical Issues in Instructional Technology. Communication, Effective Public Speaking
	Dr. K. A. Geetha	Post colonial Literatures, Women studies, Dalit studies, Psychology, Culture studies, Literatures of the Marginalised
	Dr. Rayson K. Alex	Ecocriticism, Media and Ethnography, Ecodocumentary Aesthetics, Cinema

HUMANITIES & SOCIAL SCIENCES	Dr. NilakDatta	Postmodern theory, Tourism theory in relation to nationalism, Literary and Cultural Studies, Industrial Expositions in 19th century America, Theories of Nationalism, American Frontier (Theory, Fiction, Applications), Academic Writing (for research oriented students)
	Dr. Amitendu Bhattacharya	Poetry; Non-fiction Prose; Green Studies; Victorian and Twentieth Century English Literature; Indian Literature(s) in English; Comparative Studies and Translation.
	Dr. ParichayPatra	Cinematic transnationalism, modes of realism, global art cinema, 'slow cinema', cinephilia, histories of the film society movement in India, 1970s New Waves, methods and modes of film criticism.
	Dr. Sreejith K. K.	Epistemology - Virtue Epistemology, Social Epistemology Philosophy of Science - Role of values in science, Notion of Objectivity.
	Mrs. PragyanBarik	Corporate Social Responsibility and Business Ethics
	Mr. Solano Da Silva	Land use planning, Electoral Politics, Urbanisation, Development Policy
Electrical and Electronics Engineering	Raghurama G.	Communication Systems, Telecommunication Networks, Cognitive Radio, Software Testing,
	M.K. Deshmukh	Renewable Energy, Wind, SPV Electric Power Generation, Smart Grids
	K.R. Anupama	Network Embedded Systems - WSN, Vehicular Networks, Biomimetics
	Dipankar Pal	DSP, VLSI, RF Harvesting,
	Anita B. Agrawal	System study and simulation, System on chip, Embedded System prototype design using FPGA/PSoC., Sensors and data acquisition system
	A. Amalin Prince	FPGA based signal processing systems, VLSI signal processing architectures, Reconfigurable computing architectures and algorithms, MEMS and applications.
	Ramesha C.K	Device Modelling and Simulation, Microelectronics, VLSI Design
	Narayan S Manjarekar	Non-linear Control Systems, Control of Electrical Power Systems
	Nitin Sharma	Wireless Communication Systems, MU-MIMO Communications, OFDM systems, Femto cell networks, cognitive radios, SDR, Algorithms for engineering applications (Signal & Image Processing)
	ShashidharaMechaKotian	Power System Dynamics
	Gautam G. Bacher	Micro & Nano Biosensors, Impedimetric sensors & Electrochemical Impedance Spectroscopy
	Pravin Mane	VLSI Design, FPGA, Performance evaluation
	Sarang C Dhongdi	Underwater Acoustic Sensor Network
	Meetha V. Shenoy	Distributed Embedded Systems, Wireless sensor networks & Swarm Intelligence, Estimation & Optimization of Power dissipation in high speed VLSI systems
	Ch. S. Sankhar Reddy	Wireless Sensor networks
	ShailendraK Dhakad	RF MEMS Devices, Microwave Tubes, Tunable Filters, Communication & DSP Tools, Analog Design
	MetildaSagaya Mary N J	Instrumentation
	SudeepBaudha	Radio Frequency and Microwave Engineering
	HrishikeshSonalikar	Radomes
	Ashish Chittora	Microwave Engineering, Antenna design, Image processing
Jitendra Kumar	Development of advanced protection algorithms for transmission line protection in the presence of FACTS controllers, HVDC, Power Swing. Micro-grid Protection, Smart-grid Protection, Signal processing techniques used for Noise reduction in power System	
ChembiyanThambidurai	Wireless system design	
Mathematics	ALPESH D	Commutative Algebra, Graph Theory and Combinatorics, Algebraic Geometry
	MAYANK GOEL	Portfolio Optimization Problems. Financial Mathematics
	SHILPAGONDHALI	Algebraic Topology. Homotopy Theory
	ANIL KUMAR	Control Theory, Ordinary and Partial Differential Equation
	PRASANNA KUMAR	Geometric Function Theory, Approximation Theory Mathematical Geosciences

Mathematics	HIMADRI MUKHERJEE	Commutative algebra, Algebraic geometry, Graph theory Combinatorics
	P. DHANUMJAYA	Finite Element Methods, Numerical Analysis, Computational Partial Differential Equations, Mathematical Biology
	MANOJ KUMAR P.	Hyperbolic Systems of Partial Differential Equations Nonlinear Gasdynamics, Group Theoretic Methods for PDEs
	PRABAL PAUL	Cryptography, Number theory, Coding theory
	BIJIL PRAKASH	Linear Algebra, Image Processing, Genetic Algorithms, Integral Equations, Optimisation
	AKSHAY S RANE	Numerical Functional Analysis
	J K SAHOO	Statistical Learning Theory, Regularization of inverse problem and ill-posed problem.
	G SAMANTA	Cosmology, Inventory Models
	AMIT SETIA	Fracture Mechanics, Integral Equations
	T. SINGH	Graph Theory
Physics	Kinjal Banerjee	Classical and quantum gravity
	Gaurav Dar	Nonlinear Dynamics
	Prasanta Kumar Das	High energy Physics & Astrophysics
	P N Deepak	Nuclear Physics
	Tarun Kumar Jha	Nuclear Astrophysics
	Teny Theresa John	Condensed matter
	Toby Joseph	Condensed matter
	A V Kulkarni	Nuclear Physics
	E S Kannan	Condensed matter
	P Nandakumar	Nonlinear optics
	Ram Shanker Patel	Condensed Matter
	Raghunath Ratabole	High energy Physics
	V Sunil Kumar	High energy Physics
	Chandradew Sharma	High energy Physics
Radhika Vathsan	Quantum physics	
Computer Science & Information Systems	Ashwin Srinivasan	Data Science, Machine Learning: Inductive Logic Programming, Machine Learning and ILP to real- world problems: computational Biology, optimal search theory.
	Neena Goveas	Condensed matter physics, spin chains statistical models, Matter physics magnetic material
	Baskar A	Formal Languages and Automata Theory, Logic in Computer Science, Security Protocols and Verification
	Bharat M. Deshpande	Optimization, Data Mining
	Biju K. Raveendran	Real-Time/Embedded systems, Operating systems for multicore architectures, Energy Cache architectures
	Debasis Das	Computer Networks , Wireless Sensor Networks, Cloud Computing, Network Security
	Ramprasad Joshi	Formal theory of computing and Evolutionary computing
	S K. Sahay	Data Analysis, Numerical simulation, operating systems, Gravitational waves, Shell scripting
	Santonu Sarkar	Software engineering, Optimization of energy consumption- for distributed, virtualized and mobile platforms
	Rahul Thakur	Energy Efficient Femtocell Network, Device-to-Device Communication, Internet of Things (IoT), Vehicular Networks
	Swati Agarwal	Security Informatics, Social Computing, Machine Learning, Text Mining and Analytics, Information Visualization, Natural Language Processing
	Rizwan Praveen (Lect)	Software
	S.R.K.P Talasila (Lect)	Network science
	Sreejith V	Computer networks, wireless sensor networks
	Tirtharaj Dash	Data Science
Hemant Rathore	Networks	
Mechanical Engineering	D.M. Kulkarni	Fracture, Biotribology
	P.M. Singru	Dynamics, Vibration
	Shibu Clement	Experimental Aerodynamics
	Sachin D.Waigaokar	Rotational Moulding
	Ranjit S. Patil	Fluid-Thermal
	G. Karthikeyan	Micromachining
	Vikas V. Chaudhari	Fracture Mechanics
	Varinder Singh	Manufacturing System
	Gaurav Singh	Mechanics, Fracture
	Kiran D. Mali	Mechanics, Vibrations

Mechanical Engineering	Sandeep Jose	Solid Mechanics
	Sandeep Singh	Solid Mechanics
	Pritanshu Ranjan	Computational Fluid Dynamics
	Abhilash Tilak	SCNCL, Microchannel
	Ravindra Saluja	CAD/CAM
	Amal Siju	Manufacturing Engineering

Hyderabad Campus

Department	Name	Specialization
Biological Sciences	Suman Kapur	Genetic markers, Medicinal phyto-chemicals, Biomarkers and Medical devices
	Vidya Rajesh	Malaria vaccine candidates, Analysis of candidate genes for autism, Bioremediation
	V. Ramakrishna	Structural Biology; Protein Folding; Protein Engineering: Self-assembly/amyloids and nano- materials; Protein Modeling and Drug discovery
	Kumar Pranav Narayan	Gene delivery system, Indian medicinal plants for cancer therapeutics, Biodiversity analysis of agriculturally useful microorganisms, inter-strain competition of microorganisms of agricultural importance, Bacteriocin for development of biofertilizers
	Sankar Ganesh	Nano (eco) toxicology, Anaerobic digestion, Composting, Vermicomposting PHA production, Termigradation, Solid waste management, Algal biofuel, Technology for Pedagogy
	K. Naga Mohan	Human Molecular Genetics, Epigenetic mechanisms of development, Genetics of psychiatric disorders and Genetic diagnostics
	Jayati Ray Dutta	Microbial, Food and Environmental Biotechnology, Enzymology and Biotechnological applications, Bioenergy
	Sridev Mohapatra	Plant-microbial interaction, plant signalling, stress tolerance and induced stress resistance in plants
	Debashree Bandopadhyay	Structure function relationship in macromolecular assemblies including DNA, proteins and ligands both under normal and diseased condition
	Vivek Sharma	Role of lncRNAs and their associated RBPs in maintenance of genome stability, regulation of gene expression in cancer and modulating of host responses upon infection with Japanese Encephalitis virus.
	Gireesha T Mohannath	Epigenetics of Ribosomal RNA (rRNA) gene regulation and genomic instability, antiviral defense.
	Ruchi Jain Dey	Mucosal Associated Invariant T cells (MAITs), dysbiosis in various medical conditions, Development of point of care diagnostic tool to diagnose dysbiosis in clinical conditions such as pre-term birth, infertility, Genito-urinary TB, HIV and gut tuberculosis and Crohn's disease.
Piyush Khandelia	Specific posttranscriptional regulatory processes, namely reversible RNA modifications i.e. epitranscriptomics and RNA degradation mediated by the RNA exosome multiprotein complex.	
Chemical Engineering	I. Sreedhar	Process Development
	Srikanta Dinda	Petroleum Engineering
	D. Purnima	Polymer Science and Technology
	Balaji Krishnamurthy	Electro -Chemical Engineering
	Ramesh Babu Adusumalli	Pulp & Paper Technology
	Karthik Chetan. V	Material Science and Engineering
	Asma Ahmed	Bio-Chemical Engineering
	Vikranth Kumar Surasani	Mathematical Modelling and Simulation
	Lakshmi Sirisha	Bio-Chemical Engineering
	Angan Sengupta	Continuum modeling of flames, confined and unconfined vapour cloud explosions, Optimal safe layout of fuel tank farms during fire spread, adsorption and desorption properties and hysteresis of fluids, thermodynamic phase properties and dynamic properties of nano-confined fluids.
Chemistry	N.Rajesh	Environmental analytical chemistry
	K. Sumithra	Theoretical/Computational Chemistry
	K V G Chandra Sekhar	Medicinal Chemistry
	Krishnan Rangan	Inorganic Chemistry

Department	Name	Specialization
Chemistry	Jayanty Subbalakshmi	Materials Chemistry
	Manab Chakravarty	Organophosphonates
	Anupam Bhattacharya	Synthetic Organic Chemistry
	Balaji Gopalan	Material Chemistry
	Ramakrishnan Ganesan	Materials Chemistry
	Amit Nag	Spectroscopy
	Sounak Roy	Material Chemistry, Catalysis
	Subhas Ghosal	Theoretical Chemistry
	Durba Roy	Physical Chemistry, Computation.
	Tanmay Chatterjee	Development of New Synthetic Methodologies
Civil Engineering	P N Rao	Structures
	K S Raju	Water Resources
	V Vinayaka Ram	Transportation
	A Vasana	Water Resources
	Jagadeesh Anmala	Water Resources
	Sridhar Raju	Transportation
	K Rajitha	Remote Sensing & GIS
	Murari R R Varma	Water Resources
	Chandu Parimi	Structures
	Mohan SC	Structures
	Anasua Guharay	Geotechnical
	Arkamitra Kar	Structures
	Sri Kalyana Rama J	Structures
	Bahurudeen A	Concrete structures
CS&IS	Chittaranjan Hota	Analytics, IoT, Networks, Security
	R.Gururaj	Databases, Information Systems, WSN
	N.L.Bhanu Murthy	Machine Learning, Software Intelligence & Engineering
	Anand M. Narasimhamurthy	Pattern Recognition, Optimization
	Tathagata Ray	Computational Geometry, Graphics
	G Geethakumari	Information security, Cloud Computing, Cloud Security
	Aruna Malapati	Big Data, Data Mining, Information Retrieval, Bio Informatics
	Barsha Mitra	Security Analysis of Access Control Models
	Suvadip Batabyal	Mobile Opportunistic/Delay Tolerant Networks, Visible Light Communication, Quantum Computing, Security with Scheduling in Real-Time Systems
	Subhrakanta Panda	Program Slicing , Change Impact Analysis Software Testing, Regression Testing, Software Metrics, Aspect Mining, Semantic Analysis, Graph Theory Applications, Security Testing, Cloud Computing
	Sudeepta Mishra	Radio resource allocation, Interference management. Heterogeneous cellular networks. Femto cells, mmWave communication in 5G cellular networks.
Surender Singh Samant	Data Mining, Information Retrieval	
Gokul Kannan Sadasivam	Networks Security	
Economics and Finance	Niranjan Swain	Finance
	China Hussain Yaganti	Macroeconometrics, derivatives
	Durgesh Chandra Pathak	Development Economics
	Sudatta Banerjee	Growth & Development Economics
	Archana Srivastava	International Economics
	Swati Alok	Management
	Rishi Kumar	Poverty & Chronic Poverty, Decentralization ,Impact Evaluation, applied, Econometrics
	Thota Nagaraju	Financial Economics, Development Economics
	Dushyant Kumar	Conflict theory , Organization Theory
	Mini Thomas	International Trade in Services, Service Sector, and Global Value Chains, Macroeconomics, Economic Growth and Structural Transformation
	Bheemeshwar Reddy	labour economics, development economics and demography
Sunny Kumar Singh	Macro-Monetary Policy; Central Banking; Payment Systems; Economics of Corruption	
Electrical & Electronics Engineering	M. B. Srinivas	VLSI Arithmetic, Mixed Signal Design, Low power Design, Renewable Energy, Wireless Sensor Networks, Biomedical instrumentation, Tele- medicine, Reversible Computing, Signal Processing
	BVVSN Prabhakar Rao	Biomedical Signal Processing and Modelling of Organic materials for solar cells

Electrical & Electronics Engineering	Sanket Goel	Microfluidics, MEMS, Lab-on-a-chip, Nanomaterials, Nanofabrication, Medical Diagnostics, Point-of-Care devices, 3D printing, Fuel Cells (Biofuel Cells), Hydrogen, Solar, Smart grids, Decentralized and Distributed Generation.
	Subhendu Kumar Sahoo	VLSI architecture for Digital Signal Processing
	Alivelu Manga Parimi	Power Systems: FACTS, Power system stability, Power Quality
	Prasant Kumar Pattnaik	Photonics, Optical Communications, Photonic Integrated Circuits, MEMS
	Venkateswaran Rajgopalan	Human brain mapping using Magnetic Resonance Imaging (MRI), Transcranial Magnetic Stimulation(TMS), Electroencephalography (EEG), Positron Emission Tomography (PET), Biomedical signal processing (EMG, EEG, Motor Evoked Potential(MEP)), Biomedical Image processing (MRI functional MRI, diffusion MRI), Machine Learning, Graph Theory (brain network analysis).
	Runa Kumari	Dielectric Resonator Antenna, Log periodic Antenna, Reconfigurable Antenna, Microstrip antenna, Antenna Array.
	Sumit Kumar Chatterjee	Digital VLSI Design, Video Compression
	Souvik Kundu	Nanoelectronics; Semiconductor Physics and Devices; Thin Films; Materials for Electronics; Design & Fabrication of Nano/Micro-Electronic Devices, etc.
	Soumya J	Network-on-Chip (NoC) design Application-Specific Synthesis of NoC Reconfigurable NoC design.
	Surya Shankar Dan	Device physics of `beyond CMOS` state-of-the-art device technologies and simulation Physics based nanoscale electronic device compact modeling for state-of-the-art VLSI IC designs Methodology / algorithms for characterization and numerical simulation of electronic devices
	Shaikshavali Chitraganti	Modeling, identification, control of Networked control systems, Switching systems, Statistical signal processing
	Syed Ershad Ahmed	VLSI Arithmetic Circuits, Low Power VLSI Design
	Chetan Kumar,	Computer Arithmetic, CNFET based Multi-valued logic design, Reversible Arithmetic circuits
	Ramakant,	Digital Image Processing, Computer Vision (HCI), Machine Learning, Signal Processing.
Sandeep Kumar	Antenna Design, Microwave Integrated Circuits, Optical Fiber Communications	
Balasubramanian M,	Optical Microelectromechanical Systems (MOEMS), Inertial Navigation Sensing System	
Humanities and Social Sciences	Prasuna M G	English – comparative Literature
	Aruna Lolla	Communication Skills, Indian Philosophy and Spiritual Poetry
	Maya Vinai	Indian English Fiction, Diasporic Fiction, Postcolonial Literature, Gender Studies
	Santosh Kumar Mahapatra	Language Assessment
	Sunny Jose G	Development Studies, Public Policy, Gender Studies
	Biswanath Dash	Cosmology and Relativity, Modified Gravity
Mathematics	Dipak Kumar Satpathi	Mathematical Modelling of Biological Systems, Fluid Mechanics, Financial Mathematics
	Addepalli Ramu	Computational Fluid Dynamics
	Bivudutta Mishra	Cosmology and Relativity, Modified Gravity
	Kota Venkata Ratnam	Dynamic optimization, mathematical modelling neural networks
	Praveen Kumar P T V	Multivariate data analysis bio statistics
	Pradyumn Kumar Sahoo	Relativity, Cosmology, Dark energy
	A Michael Alphonse	Graph Theory
	Sai Lakshmi Radhika Tantravahi	Fluid Dynamics
	Manish Kumar	Pseudo-Differential Operators, Wavelet Analysis, Image Processing
	Jaganmohan Jonnalagadda	Discrete Fractional Calculus
	Sumit Kumar Vishwakarma	Seismic Wave propagation
	Naraparaju Kishore Kumar	Numerical solutions to partial differential equations
	Sharan Gopal	Topological Dynamics
N Anil	Discrete adjoint approaches for steady and unsteady flows (URANS/LES/DNS) Discrete adjoint approach for meshfree methods, Adjoint based error estimators and goal oriented adaptation in meshfree framework, Aerodynamic shape optimization, Optimal active flow control High performance computing	

Mechanical Engineering	Morapakala Srinivas	Thermal
	Nandanavanam Jalaiah	Thermal
	Amit Kumar Gupta	Production/Manufacturing
	Srinivasa Prakash Regalla	Manufacturing
	Kurra Suresh	Manufacturing
	Jeevan Jaidi	Thermal
	Y Venkat Daseswara Rao	Design Engineering
	N Suresh Kumar Reddy	Manufacturing
	Nitin Rameshrao Kotkunde	Manufacturing
	Sandip Shridharrao Deshmukh	Thermal
	Phaneendra Kiran C	Manufacturing
	Khalid Anwar	Thermal
	Amrita Priyadarshini	Manufacturing
	Sabareesh Geetha Rajasekharan	Design
	R Parameshwaran	Thermal
	Satish Kumar Dubey	Thermal
	Arshad Javed	Design
	Supradeepan K	Thermal
	Sujith R	Materials Science
	Ram Chandra Murthy Kalluri	Computational Fluid Dynamics and its Applications
Santanu Prasad Datta	Refrigeration and Air-Conditioning, Experimental Thermo-Fluid Science, Energy Monitoring, Compact Heat Exchangers, Dynamic System Estimation and Control, Thermal Issues in Automobile	
Pavan Kumar Penumakala	Simulation of metal casting processes, Thermal- mechanical modeling using FEM, Electrical- mechanical coupled problems	
Siva Prasad A V S	Computational Solid Mechanics , Fracture and Fatigue, Meshless Methods	
PHARMACY	D Sriram	Medicinal Chemistry
	P Yogeeswari	Medicinal Chemistry
	Punna Rao Ravi	Pharmaceutics
	A Sajeli Begum	Pharmaceutical Chemistry (Natural Products)
	Venkata Vamsi Krishna Venuganti	Pharmaceutics
	Swati Biswas	Pharmaceutics
	Balaram Ghosh	Medicinal Chemistry
	Onkar P Kulkarni	Pharmacology
Arti Dhar	Pharmacology	
PHYSICS	P K Thiruvikraman	Computational Physics, Condensed Matter Physics
	Souri Banerjee	DNA Electronics
	Kannan Ramaswamy	Nanophotonics, Nanoplasmonics, Magneto-Optics
	Aravinda Narayanan Raghavan	Micro-fluidics, Polymer Nanocomposites
	B Harihara Venkataraman	Dielectric and Ferroelectric materials, Non-linear optical materials
	Meenakshi V	Soft Lithography, Micro and nano-fluidics, Molecular nanomagnetism
	V Satya Narayana Murthy	Magnetic thin films, Spintronics, Non-destructive testing of Materials
	Sashideep Gutti	General Relativity, Mathematical Physics
	K V S Shiv Chaitanya	Quantum Optics and Quantum Information, Mathematical Physics
	Asrarul Haque	Quantum Field Theory, Particle Physics
	Rahul Nigam	Astrophysics, Gravitation, Theoretical Physics
	Sarmishtha Banik	Nuclear Astrophysics

Dubai Campus:

Department	Name of the Faculty	Research Area
Biotechnology	Dr. R.N. Saha	Pharmaceutics and Pharmacokinetics, Nano particulate Drug Delivery Systems, Buccal Delivery Systems, Ocular Delivery Systems, Oral Novel Drug Delivery Systems, Pharmacokinetics, Bioavailability and Biodistribution Studies, Pharmaceutical Analysis, Computer Aided Drug Design
	Dr. D. J. Shariff	Environmental Biotechnology; Studies on photoreception; Ethological studies; Studies on nutritional values of animal tissues.
	Dr. Neeru Sood	Agricultural Biotechnology , Bioremediation, Biosensors, Nanoparticle synthesis & applications
	Dr. GokhaleTrupti Swarup	Biodegradable plastics, Bioremediation, Development of Biosensors, Synthesis of metal nanoparticles.
	Dr. S. Ramachandran	Environmental Biotechnology, Microalgal biodiversity, Photobioreactors, Carbon capture and sequestration, Agroforestry
	Dr. Namita Khanna	Biofuels
	Dr. Mainak Dutta	Metabolomics
	Dr. Pallab Sanpui	Nanotechnology
Chemical	Dr. Bharat BhushanGulyani	Process systems engineering, heat transfer, fluid engineering, process optimization.
	Dr. B G Prakash Kumar	Preparation and characterization of Activated Carbons, Separation Process, Solar Photocatalysis, Waste Water Treatment, Renewable Energies,
	Dr. Nishant Harishbhai Pandya	Technical computation & programming, Computer aided chemical engineering, Consequence modeling, Modeling of atmospheric gas dispersion of toxic/flammable materials, Global Sensitivity Analysis, Computer aided molecular design, Advanced techniques in wastewater treatment)
Civil Engineering	Dr. Eldhose Iype	Thermo chemical energy storage, advanced functional polymers, energy and heat transfer at nano-scale level, nano-particles, force field fitting, parameter optimization at very high dimensional systems
	Dr. Rajib Ghosh Chaudhuri	Colloid and Interfacial Phenomena, Nanotechnology
	Ms. Sree Lakshmi Babu	Environmental Engineering
	Dr. Meghana Charde	Passive Solar Architecture, Energy Efficient Building Design
Computer Science	Dr. Sridhar G	Geotechnical Engineering
	Dr. Vadivel S.	Web Services & Security; Enterprise Java applications; Pervasive Computing applied to Hospital Management System; Semantic web and web services; Windows and J2ME enabled mobile applications;
	Dr. Vijayakumar B.	Distributed Database Systems; Component Based Software Development; Web Mining Algorithms, Multimedia Information Retrieval
	Dr. Santhosh Kumar V	Data Mining, Computer Networks (Protocol Verification). Performance Evaluation of Computer Systems.
	Dr. Sujala D. Shetty	Big Data, Artificial Intelligence Applications, Machine Learning, Web Services, Network Security
	Dr. SiddhalingUrolagin	Machine learning, Pattern recognition, Data mining, Document image analysis, Bioinformatics, Big data analysis.
	Mr. Nand Kumar	Cloud Computing, Database efficiency, Website design, Website Application development
	Mr Gaurav Saxena	Machine Learning & AI
Mr Saurabh Jain	Network Security & Computer network	
Electrical & Electronics	Dr. Thomas T.G.	Speech processing for hearing impaired; Communication Theory.
	Dr. Anand Kumar	VLSI Design/Testing/Architectures, Microsystems; Telecom, Cloud, ICT; Project/Technology/Innovation Management.

Electrical & Electronics	Dr. Chattopadhyay A. B.	Electrical Machines and Drives; Power Electronics and Electromagnetic Fields and Waves, Control Systems and Power Systems
	Dr. Mary Lourde R.	Power Electronics & Drives, Digital Signal Processing, Applications of Image Processing, Digital Electronics and VLSI Design.
	Dr. JagadishNayak	Medical Image Processing and Communication.
	Dr. Raja Muthalagu	Signal Processing for Wireless Communications, Future Aeronautical Communication, Cognitive Radio Networks
	Dr. Abdul Rajak A R	Wireless Communications.
	Dr. R. GomathiBhavani	Intelligent Control in Buildings, Automated lighting Control, Energy Efficient Buildings, Simulation assisted light control, Daylighting control, Integrated lighting, Zero energy buildings.
	Dr. R. Swarnalatha	Biomedical Instrumentation; Fetal ECG extraction in early pregnancy. Process Control & Instrumentation ; Neural network & Fuzzy logic.
	Dr. V. Kalaichelvi	Process Control, Control Systems, Image Compression using Neural Networks, Fuzzy Classification, Modelling and Control techniques using ANN and Fuzzy applied to power electronic circuits, wind turbine, welding process, Robotics etc. ,
	Dr. Shazia Hasan	Wide-Area Visualization and Monitoring, Angle and Frequency Monitoring, Sinusoidal parameters, Statistical Filter Design, Non Linear System Identification, Signal Processing Application to Power Signals
	Dr. Vilas HaridasGaidhane	Image Processing, Control Techniques, VLSI Design.
	Dr. Sunil Thomas	Electrical Machines and Drives/ Power Electronics
Nilesh Goel	Semiconductor Devices. Characterization, modeling and Reliability. Reliability aware digital/analog circuit design. Compact modeling and circuit simulations. BTI, HCI, TDDB and SHE. Device variability and its impact on circuits. Memory (Flash, RRAM) characterization and reliability/performance modeling.	
General Sciences	Dr. Kavitha S. Jerath	EXAFS and XANES study of local ordering in metallic glasses like Fe-B, Cu- Zr systems and superconducting materials like YBaCu system.
	Dr. Priti Bajpai	Approximation Theory.
	Dr. R. Roopkumar	Crystal Growth, Biomaterials, Nanotechnology.
	Dr. S. Karthiyayini	Deep inelastic scattering of leptons on nucleons; Ultrasonic studies on molecular interactions of liquid mixtures; Elastic constants of nanomaterials using ultrasonic interferometer;
	Dr. B Muralidharan	Electroorganic; Environmental Chemistry; Textile Chemistry;
	Dr. K Kumar	Magnetohydro dynamics, Non-linear convection in cavities.
	Dr. K.K. Singh	Quark Gluon Plasma, MEMS/NEMS based Sensors, Nanoscience
	Dr. A. Somasundaram	Domination Theory.
	Dr. Geetha	Air, Water and Soil Pollutant analysis and control; Desalination and electrochemical water treatment studies.
	Dr. Maneesha	Sample surveys
	Dr. T K. Datta	Mathematical Modelling of Inventory Systems.
	Dr. Vijayallango	Heterogeneous catalysis, Studies on pillared clay catalysts, Environmental Chemistry.
	Dr. Amaranath G	Spectroscopy, Material Science and Laser Physics.
	Dr. Rajan R	Water Treatment; Corrosion and Antifouling paints.
	Dr. Rusal Raj	Biological activities (Antibacterial, antifungal and DNA binding) of metal complexes. Theoretical chemistry.
	Dr. S. Baskaran	Boundary layer flows with suction, injection and Heat Transfer Analysis.
	Dr. Suhail Ahmad Khan	Existence of solutions for certain equilibrium problems; Study of vector variational inequalities;
Dr. Shilpee Srivastava Saxena	Qualitative behaviour of solutions of functional differential and difference equations	

Humanities and Social Sciences	Dr.A.Srinivasa Rao	HRM, Organizational Behaviour, Leadership Development.
	Dr. Sartaj Rasool	Applied Macroeconomics and Policy
	Dr. Shazi Shah Jabeen	Phonology, Language Teaching Methods (Applied Linguistics), Middle East History, Business/ Technical Communication.
	Dr. Mrutyanjaya Sahu	Political Science
	Dr. Natesa Prasad	emerging area of finance literature with strong links to agency theory, capital structure, corporate governance and strategy
Mechanical Engineering	Dr. C. Periasamy	Multiphase flows, Laser optical diagnostics in fluid flow, Turbulent flows, Renewable Energy.
	Dr. R. Karthikeyan	Materials and manufacturing, Composite materials, Computer Aided Engineering, Modelling, Simulation & Control
	Dr.R.Udaya Kumar	Internal combustion Engines, Automobile Engineering, Alternate fuels, Renewable energy, Emission control, Heat and mass transfer.
	Dr. M.V.N. Sankaram	Condition Monitoring and Diagnostics Analysis of machinery, Machine Design, Kinematics of machines, Vibrations.
	Dr. Vishal Gangadhar Naranje	Artificial intelligence applications, to Manufacturing Engineering, Development of Expert System/Intelligent Systems for sheet metal die design, Sheet metal die design, Fatigue life prediction of sheet metal die, Industrial Engineering, Manufacturing Processes
	Dr. Vincent	Materials Engineering, Bulk Metallic Glasses, Biocompatibility Studies, Corrosion and Mechanical Properties, Thermodynamic Predictions
	Dr. Priyank Upadhyaya	Multi-scale modelling of composites
	Dr. Shashank Khurana	Experimental Fluid Mechanics, Bluff Body Aerodynamics, Flow Control and Visualization, Hypersonic Aerothermodynamics
	Dr. Gudipadu Venkatesh	Advanced Manufacturing Processes, Abrasive Flow Machining, Surface Engineering.
	Dr. Naveen Kumar Shrivatsava	Fuel Cell, Renewable Energy, Thermo-Fluid Analysis
	Dr.Snehaunshu Chowdhury	Thermal-Fluid Sciences

B) 2.6 & 3.11

**TEACHING AND LEARNING CENTRE (TLC)
01.09.2017 to 31.08.2018**

Members :

Dr. Maneesha (Faculty Incharge)

Dr. R. Gomathi Bhavani

Dr. Nishant Harishbhai Pandya

Dr. Sunil Thomas

Dr. Vincent Kumar

Objective of TLC: Increased use of technology in the teaching and learning process with an aim to make teaching interactive, interesting, easy to comprehend and implement.

Activities:

1. An interactive session with Prof. P Srinivasan on “The Joy of Teaching and Learning” was organized on 27 November, 2017.
2. An Intensive Teaching Workshop was organized in January 2018 for the newly joined Faculty at BITS Pilani Dubai Campus.
3. An interactive session with Senior Prof. R N Saha on “Improvising Teaching and Evaluation” was organized on 13 February, 2018.
4. Interactive Sessions on the following topics were organized on 18th April, 2018:
 - Publishing a book based on student projects from an undergraduate course: A case study from BITS Pilani, Dubai Campus by Dr. S. Karthiyayini.
 - Cloud Compilation for a Campus Environment by Mr. Nand Kumar.
 - A study on the relationship between absenteeism and academic performance in BPDC by Dr. A. Somasundaram.
 - Overview of the student’s perspective on the panel discussion at “National Workshop on Improving Synergy between Teaching and Research in Indian Academia” organized in Pilani and attended by Shraddha Shetty (3rd year ECE student).

Processes adopted by the institution in Teaching and Learning

- Incorporating more of software based, case study based assignments in courses.
- Increased impetus on Student’s projects to be published as a paper or Publishing a book based on student projects from an undergraduate course.
- Increased emphasis on visit to industrial establishments.
- Incorporating latest research developments in the topic of study.

Activities of Teaching Learning Centre, BITS Pilani, Pilani Campus in the Academic Year 2017-18

- ❖ A two day ITW Part I for newly inducted faculty members of the institute was held during 26-27 July 2017 where Director, Dean (admin) and Associate Deans of ARCD and ID and a few senior faculty members of the institute introduced the newly inducted faculties with BITS system and also delivered talks on various aspects of classroom teaching.
- ❖ ITW part II for newly inducted faculty members was held during 17 August-21 September 2017. 15 faculty members divided into 2 teams participated in this workshop. 12 Senior faculty members, also divided into two teams observed the presentations and gave valuable suggestions for further improvement.
- ❖ The 3rd Open Forum Discussion on “My expectations...” was held in the NAB auditorium on 22 August 2017 where students and faculty members shared their expectations from each other. Findings of the Empirical study on Effectiveness of Classroom Teaching at BITS Pilani, Pilani Campus from Students’ Perspective” were also shared with the audience. The function was graced by the campus Director and the Dean of administration apart from about 60 faculty members and 25 students.
- ❖ A one-day workshop on Teaching and Learning for Ph.D. scholars of the institute was held on 10 September 2017. 160 Ph.D. scholars across disciplines participated in this workshop. Prof. S. K. Choudhary, Faculty in-charge, TLC, Pilani campus started this workshop specifying the purpose of organizing this workshop. Prof. A. K. Sarkar, Director, BITS Pilani, Pilani campus talked about the rationale behind the establishment of TLC and also emphasized on the need for teachers to adapt to the changes which are happening due to new technology and also because of the changing aspirations of the young generation. Prof. P. Srinivasan, Prof. Rajesh Mehrotra, Dr. Rajeev Sakhuja, Dr. Paritosh Shukla and Prof. Sanjiv Kumar Choudhary conducted sessions on different aspects of Teaching and Learning during the workshop. Dr. Tapomay Guha Sarkar coordinated the feedback session at the end of the workshop.
- ❖ A 3-hour workshop on Maximising the Use of Learning Management System (NALANDA) in Teaching and Evaluation was conducted on 2nd November 2017 where 31 faculty members from across disciplines of the institute participated. The workshop was conducted by Dr. Virendra Singh Shekhawat and Dr. Vishal Gupta, faculty members from Computer Science and Information System department. In the beginning of the workshop Prof. Raj Kumar Gupta from the Physics department shared his experiences in using NALANDA for conducting tests and quizzes in the courses he teaches. He also demonstrated how question papers could be designed using this LMS tools. Dr. V S Shekhawat and Dr. Vishal Gupta demonstrated in details the tools available in the LMS for conducting tests and quizzes and provided hands on experience in using all those tools to the participating faculty members. They also demonstrated how to upload marks which can be seen by the respective students only.
- ❖ TLC organized an interaction with Prof. Garrick E. Louis, Director of Graduate Studies, Systems & Information Engineering and Director, The Small Infrastructure and Development Center, University of Virginia Charlottesville, VA on 27 December, 2017 in Room no. 2147. During the interaction Prof. Garrick talked about the possibilities of collaboration between his University and BITS Pilani in the areas of teaching and research.
- ❖ TLC organized a 2-day Intensive Teaching Workshop (ITW)-Part I for the newly inducted faculty members during 23-24 February 2018. 15 new faculty members across disciplines attended the workshop. Sessions covering 10 modules were conducted by Prof. A K Sarkar, Prof. S C Sivasubramanian, Prof. Srikant Routray, Prof. S K Choudhary, Prof. Navneet Gupta, Dr. Vishal Gupta, Dr. Tapomoy Guha Sarkar, Dr. Somdatta Bhattacharya, Dr. Manoj Kannan, and Dr. Tamali Bhattacharyya.

- ❖ TLC organized Intensive Teaching Workshop (ITW)-Part II for the newly inducted faculty members during March-April 2018. 15 new faculty members across disciplines attended the workshop. Apart from TLC core team members, Prof. V.K.Choubey, Prof. Surekha Bhanot, Prof. S.B.Singh, Dr. Sharad Srivastava, Dr. J.S.Rathore, Prof. Devika, Dr. S. Murugesan, and Dr. Manoj Kannan acted as resource faculty for this workshop.
- ❖ Teaching Learning Centre (TLC), BITS Pilani, Pilani Campus organized a *2-day national workshop on Improving Synergy between Teaching and Research in Indian Academia* during **26-27 March 2018**. The inaugural function of the workshop was graced by the Vice Chancellor, BITS Pilani, Prof. Souvik Bhattacharyya and the Director of BITS Pilani, Pilani Campus, Prof. Ashoke K Sarkar. Prof. Mangala Sunder Krishnan from IIT Madras was the chief guest. Faculty incharge, TLC and Chairman of the workshop threw light on the theme and the planning for the workshop. Prof. Sarkar in his address emphasized on the need for strengthening teaching by bringing new knowledge gained through research. Prof. Souvik Bhattacharyya in his address also highlighted the need for synergy in teaching and research and emphasized that passion is required for both teaching as well as research. In his key note address, Prof. Mangala Sunder Krishnan talked about the importance of using technology to strengthen both teaching-learning and research. He also appealed to faculty members and institutions which have resources to help other organizations improve their teaching and research. The inaugural function concluded with a formal vote of thanks by Dr. Rajeev Sakhuja, Convener of the workshop.

The first day of the workshop also witnessed plenary talks by Prof. Sourav Mukherji, Dean of Academics, IIM Bangalore, and Prof. Lakshminarayanan Samavedam, National University of Singapore. Dr. Tamali Bhattacharyya, Research Consultant, TLC, along with a few faculty members presented some of the teaching experiments which they have been recently conducting at BITS Pilani. The workshop also had a students' panel discussion on the Synergy between Teaching and Research where student representatives from IIT Madras, IIT Roorkee, BITS Pilani, Dubai Campus, Hyderabad Campus and Pilani Campus participated in the discussion. The panel discussion was moderated by Dr. Tapomoy Guha Sarkar. About 70 participants attended the workshop.

On the second day of the workshop sessions were conducted by Prof. Sudhirkumar V Barai from IIT, Kharagpur, Prof. Deshdeep Sahdev, formerly at IIT Kanpur and currently CEO, Quazar Tech, and Prof. KS Sangwan, BITS Pilani. A Leaders' Panel was also organized where Prof. Sumeet Tuli, Dean of Engineering education, Bennett University, Greater Noida, Prof. M B Srinivas, Dean of Engineering education, BML Munjal University, Gurugram, Prof. Rahul Banerjee, Director, LNMIIT, Jaipur, Prof. Shan Balasubramaniam, Dean, Academic Resource Planning, BITS Pilani participated as panelists and shared their views on the theme of the workshop. The panel discussion was moderated by Prof. A.K.Sarkar, Director, BITS Pilani- Pilani Campus.

- ❖ TLC in collaboration with BITS Library organized a writers' workshop titled "Inside a Publisher's Mind" on 16 April 2016 at NAB Auditorium. More than 100 faculty members and research scholars had registered for this workshop. This workshop was conducted by Editors from Taylor and Francis.

Invited Talks:

1. TLC in association with Think Again of APOGEE 2018 organized an invited talk by Mr. Sharad Sagar, an Indian youth icon, a globally renowned entrepreneur and a 21st century leader in the field of education and public service, on 27 January 2018. Mr. Shard had been invited by President Barack Obama to the White House, Forbes listed him on the global Forbes 30 under 30 List, the Rockefeller Foundation inducted him in the list of 100 Next

Century Innovators, the Nobel Peace Center invited him to the Nobel Peace Prize Ceremony and India's leading media house Divya Bhaskar called him "the Vivekananda of 21st Century".

2. TLC organized another invited talk by Prof. Shreesh Chaudhary, former professor, IIT Madras and currently a Distinguished Professor, GLA university, Mathura on 12 February 2018.
3. TLC organized another invited talk on "Making the World Better by Design" by Prof. William Oakes, the current Director of EPICS programme, Purdue University, USA, on 15 March 2018.

Conference Participation:

1. Prof. Sanjiv Kumar Choudhary, Dr. Manoj Soni, and Dr. Tamali Bhattacharyya attended a 3-day long *International Conference on Transformations in Engineering Education* (ICTIEE' 18) organized jointly by Bennett University, Greater Noida and Indo Universal Collaboration for Engineering Education (IUCEE) and held at Bennett University, Greater Noida during 4-6 January 2018. Their participation was financed under TLC BUD.EXP.-ACAD EXP-RCD&VF-WORKSHOP / TRAINING / CON ETC/ 2017-18.
2. Prof. Sanjiv Kumar Choudhary, Dr. Vishal Gupta, and Dr. Manoj Kannan attended a 2-day long *Future of Learning Conference 2018: Pedagogy, Policy and Technology in a Digital World* organized jointly by IIM Bangalore and IIT Bombay followed by a one day *MOOC Production Workshop* conducted by IIMBX and held at IIM Bangalore during 15-17 January 2018. Their participation was financed under TLC BUD.EXP.-ACAD EXP-RCD&VF-WORKSHOP / TRAINING / CON ETC/ 2017-18.

BITS Pilani, Hyderabad Campus

International

1. Department of Mechanical Engineering conducted a conference on 24th national and 2nd international ISHMT-ASTFE Heat and Mass transfer conference sponsored by ISHMT, DST, Begell House Publishers during 27-30, December 2017.
2. Department of Biological sciences conducted 'Biomedicine & Biopsychosocial spiritual perspectives on prevention by winter Institute in Global Health. Sponsored by Indian Council of Social Science Research, Mahesh Bank, GE, xBITS Pvt Ltd, Hi Media and Eppendorf.

National

1. Department of Chemistry conducted a conference on National Symposium on Convergence of Chemistry & Materials (CCM-2017) sponsored by DST-SERB, CSIR, DAE-BRNS, RSC during 21st to 22nd December, 2017.
2. Department of Chemical Engineering dept. jointly with CSIR NEERI (HRC) conducted a National Symposium on Emerging environmental Challenges: An engineering Approach and sponsored by Ramky Environmental Engineering Ltd., Aditya Food Management Services Pvt Ltd, Capricot Technologies Pvt.Ltd., Dlab Instruments, Zwick Roll Testing Machines on 16 February 2018.
3. Department of Physics conducted a workshop on Pulsar Astronomy with uGMRT Boot-Camp sponsored by Tata Institute of Fundamental Research, Mumbai during Jan 3-6, 2018.
4. Department of Physics conducted a workshop on Multi-Wavelength Neutron Star Workshop

sponsored by Tata Institute of Fundamental Research, Mumbai during Jan 7-8, 2018.

5. Department of Physics conducted a workshop on Workshop on Characterization and Modelling of Magnetic Materials sponsored by Magnetic Society of India during July 13-14, 2018.
6. Department of Electrical and Electronics Engineering conducted a conference on Multiscale Simulation of Advanced Materials (MSAM 2017) sponsored by CSIR during 18 & 19 December 2017.
7. Department of Civil Engineering conducted a conference on Data Mining & Soft computing Techniques in Civil Engineering sponsored by CEWRM during 13th and 14th April 2018.
8. Training Workshop on "Reservoir Simulation Using NIH_ReSyP" during June 25-29, 2018 organized by CEWRM, Department of Civil Engineering in association with National Institute of Hydrology (A Govt. of India Society under Ministry of Water Resources, River Development and Ganga Rejuvenation).

BITS Pilani, Goa Campus

International

1. Workshop on '*Novel Sanitation Approaches and Emerging Trends in Wastewater Treatment Technology*' was held from 19th to 21st Dec 2017
Coordinated by Prof. Srikanth Mutnuri, Department of Biological Sciences
2. **73rd IFIP Working Group 10.4 on '*Dependable Computing and Fault Tolerance*'** was held from 11th to 15th Jan 2018
Coordinated by Prof. Santonu Sarkar, Department of Computer Science and Information Systems
3. International Conference on '*Reproductive Physiology and Comparative Endocrinology (ICRPCE)*' and the 36th annual meeting of the Society for Reproductive Biology and Comparative Endocrinology (SRBCE) was held from 20th to 22nd Jan 2018
Coordinated by Dr. Arnab Banerjee (Co-convener), Department of Biological Sciences
4. The First Symposium on '*Sustainable Technologies for Food Processing And Preservation*' was held on 8th - 9th Feb 2018
Coordinated by Prof. Souvik Bhattacharyya, Vice Chancellor, BITS Pilani
5. **International Conference on Economics and Finance (ICEF-2018)** was held on 16th - 17th Feb 2018
Coordinated by Dr. Aswini Kumar Mishra, Department of Economics
6. The Eighth DAE – BRNS Biennial Symposium on '*Emerging Trends in Separation Science and Technology (SESTEC – 2018)*' was held from 23rd to 26th May 2018
Coordinated by Prof. Mainak Banerjee (Co-convener), Department of Chemistry

National

1. 9th Expert Committee meeting in Physics and Mathematical Sciences was held on 4th - 5th Aug 2017
Coordinated by Prof. P. Nandakumar, Department of Physics

2. Workshop on *Use of Statistical Package for the Social Sciences (SPSS)* was held on 3rd - 4th Nov 2017
Coordinated by Dr. Aswini Kumar Mishra, Department of Economics
3. **55th National Metallurgist Day (NMD)** and 71st Annual Technical Meeting (ATM) of Indian Institute of Metals (IIM) | NMD-ATM 2017 was held from 11th to 14th Nov 2017
Coordinated by Prof. D M Kulkarni, Department of Mechanical Engineering
4. Workshop on *'Experimental Methods in Cognitive Neuroscience'* was held on 15th - 16th Dec 2017
Coordinated by Dr. Veeky Baths, Department of Biological Sciences

State

1. Workshop on *'Process Modeling and Simulation'* was held on 21st - 22nd Dec 2017
Coordinated by Prof S D Manjare, Department of Chemical Engineering
2. Workshop on *'Problem Identification, Ideation and Conceptualization'* was held on 30th Nov 2017
Coordinated by Prof. Mridula Goel, Centre for Innovation, Incubation and Entrepreneurship
3. Workshop on *'Engineering-Economics-Entrepreneurship'* conducted by Fulbright Specialist: Ashok Kumar Ghosh, from New Mexico Tech, USA and other expert faculty from BITS

Talks/ Lectures/ Seminars

1. *'Approximate Solution of Integral Equations: Improvement by Iteration'* by Prof. Rekha P. Kulkarni from Department of Mathematics, Indian Institute of Technology, Bombay held on 30th Nov, 2017
2. *'Finite Difference Schemes for Approximating Hyperbolic Conservation Laws'* by Prof. G. D. Veerappa Gowda from TIFR-Centre for Applicable Mathematics, Bangalore held on 17th - 19th Nov, 2017
3. *'Equivariant cell complexes and freeness theorems'* by Dr. Samik Basu, Assistant Professor, Department of Mathematics, Ramkrishna Mission, Vivekanand University, Calcutta held on 28th Sept, 2017
4. *'Perspectives of Predictive Modeling for Real World Problems'* by Prof. V. Sree Hari Rao, Director, International Center for Interdisciplinary Research & Innovation, Hyderabad held on 19th Sept, 2017
5. *'Semipositivity of matrices and their preservers'* by Dr. Sachindranath Jayaraman, Assistant Professor, School of Mathematics, IISER Trivandrum held on 29th Aug, 2017
6. *'Dealing with Quotients'* by Dr. Shameek Paul, Visiting Fellow, Homi Bhabha Center for Science Education, Mumbai held on 24th Aug, 2017
7. *'Feeling beyond the Person: Affect in Cinema'* by Moinak Biswas, Professor, Dept. of Film Studies and the coordinator of the Media Lab, Jadavpur University held on 2nd Nov, 2017
8. *'Technical analysis'* by Prof. Babu Aiholi held on 14th Nov, 2017
9. *'Neutron Activation Analysis: A potential nuclear analytical technique for trace element determination and speciation studies in environmental and food samples'* by Dr. Raghunath Acharya, Associate Professor in Chemistry, Radiochemistry Division, BARC, Mumbai held on 14th Oct, 2017

10. ***'Estimating transport Coefficients of Dark Matter'*** by Prof. Hiranmaya Mishra, PRL Ahmedabad held on 25th Nov, 2017
11. ***'Demonetization, GST and Black Economy: Marginalizing the Marginal'*** Prof. Arun Kumar, Malcolm S. Adiseshiah Chair Professor, Institute of Social Sciences, New Delhi held on 27th Nov, 2017
12. ***'Melting of the vortex lattice in type II superconductors – A story from images'*** by Prof. Pratap Raychaudhuri, Condensed Matter Physics Division, Tata Institute of Fundamental Research held on 25th Jan 2018
13. ***'Applying and modifying Olin pedagogy in Indian context'*** by Dr. Mitaxi Mehta Ahmedabad University held on 27th Jan 2018
14. ***'Italy by Way of India: Routes of Devotional Knowledge in the Early Modern Period'*** by Prof. Erin E. Benay Professor of Renaissance and Baroque Art Department of Art History and Art Case Western Reserve University Cleveland, Ohio, USA held on 30th Jan 2018
15. ***'The First Isolated Abnormal NHC'*** by Dr. Swadhin K. Mandal, Associate Professor IISER, Kolkata held on 19th Feb 2018
16. ***'Submission of Project Proposal under the Matrics Scheme'*** by Prof. S. Arumugam, Adjunct Professor, Department of Mathematics, Amrita Vishwa Vidyapeetham held on 20th Feb 2018
17. ***'Robotics and it's applications to marine environment'*** by António Pascoal, Associate Professor (IST) Dynamical Systems and Ocean Robotics Lab (DSOR) Institute for Systems and Robotics (ISR-Lisboa), Portugal held on 21st Feb 2018
18. ***'Algebraic Graph Theory'*** by Prof. S. Arumugam, Adjunct Professor, Department of Mathematics, Amrita Vishwa Vidyapeetha held on 22nd Feb 2018
19. ***'Cognition and Computation'*** by Radhavendra Singh, Research Staff Member, IBM Research held on 23rd Feb 2018
20. ***'From Agricultural Waste Products to Value Added Monomers: Exploitation of Cashew Nut Shell Liquid (CNSL) and Lignin-Derived Aromatic Chemicals'*** by Dr. P. P. Wadgaonkar, Chief Scientist, NCL Pune held on 9th March 2018
21. ***'Experiments @ physics Olympiad'*** by Prof. Shirish Pathare (HBCSE, TIFR, Mumbai) held on 27th March 2018
22. ***'Cayley table in Sudoku style'*** by Dr. Gurmeet K. Bakshi, Professor & Chairperson, Dept. of Mathematics, Panjab University held on 28th March 2018
23. ***'Scientific Computing: A New Way of Looking at Mathematics'*** by Prof. Amiya K. Pani, Institute Chair Professor, Department of Mathematics, IIT Bombay held on 31st March 2018
24. ***'Topology and Condensed Matter'*** by Prof. Saurabh Basu, IIT Guwahati held on 6th April 2018
25. ***'Semipositivity of matrices and linear maps relative to proper cones'*** by Dr. Sachindranath Jayaraman, School of Mathematics, IISER – Thiruvananthapuram held on 6th April 2018
26. ***Workshop on Writing*** by Prof. Mart Stewart Fulbright Senior Scholar at K. K. Birla Goa Campus and Professor of History, Western Washington University, USA held on 7th April 2018
27. ***'Gauss-Bonnet theorem and uniformization'*** by Prof. C. S. Arvinda, TIFR, Bengaluru held on 27th April 2018
28. ***'Geometrization of closed 3-manifolds'*** by Prof. C. S. Arvinda, TIFR, Bengaluru held on 27th April 2018

29. ***‘Unmasking Obscure events at the LHC’*** by Prof. Partha Konar, Physical Research Laboratory, Ahmedabad held on 15th May 2018
30. ***‘What is common between Robotics and Low Energy QCD?’*** by Prof. Sachindeo Vaidya, Centre for High Energy Physics, IISc Bangalore held on 16th May 2018
31. ***‘Biosensors and the Ideal Bioreceptor: Where Does The Recent Research Stand’*** by Prof. Jean Louis MARTY Laboratoire BAE, University of Perpignan Via Domitia (UPVD) Perpignan, Cedex, France held on 2nd June 2018

Sponsoring agencies

- Board of Research in Nuclear Sciences (BRNS)
- INPART programme subsidiary of The Research Council of Norway
- Indian Council for Social Science Research
- Bill & Melinda Gates Foundation
- IHE Delft Institute for Water Education
- Science and Engineering Research Board (SERB) Department of Science & Technology, Government of India
- JSW Steel
- Steel Authority India Ltd.
- TATA Steel
- Gas Authority India Ltd.
- ICON Analytical
- ONGC
- Vizag Steel
- TCS
- NSERB (India)
- Paul Wurth
- Aditya Birla Science and Technology (ABSTC)
- Aditya Birla Hindalco
- Bharat Forge
- Acelor Mittal
- International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI)
- AMETEK
- CAMECA
- DASTUR
- Department of Atomic Energy (DAE)
- Defence Research and Development Organisation (DRDO)
- ESSAR Steel
- J K Cement Ltd.
- GATAN
- PANalytical
- FOREVISION Instruments

3.16 Patents received this year for Hyderabad Campus

1.	Dr. Anasua Guharay, Dr. Arkamitra Kar, Shashank Gupta	Department of Civil Engineering	Treatment process for cellulose based geotextile and geotextile obtained therefrom	201711033016
2.	Dr. Swati Biswas, Dr. Balram Ghosh, Sri Vishnu Kiran Rompicharla, Prakruti Trivedi	Department of Pharmacy	A chemotherapeutic composition for treating malignant tumors and method for preparing the same	201711028012
3.	Dr. Swati Biswas, Dr. Balram Ghosh, Onkara Swamy Muddineti	Department of Pharmacy	A Nano-Micellar composition for drug delivery and method of preparing the same	201711016379
4.	Dr. Sanket Goel, S. B. Puneeth	Department of Electrical and Electronics Engineering	A system for measuring viscosity and method thereof	201711031122
5.	Dr. Sanket Goel, Prakash Rewatkar, Madhavi Bandapati, Balaji Krishnamurthy	Department of Electrical and Electronics Engineering	A system and method for electric power and process thereof for manufacturing the system	201711046160 (prov)
6.	Bahurudeen A, Athira Gopinath, Anand Kumar R, Srinivas Appari	Department of Civil Engineering	Method Of And Apparatus For Determining Sorption Characteristics Of Concrete	201811017423
7.	Sajeli Begum, Santosh Kumar, Onkar Kulkarni, Kirti Hira, D Sriram	Department of Pharmacy	Compounds As Pro- Inflammatory Cytokine Inhibitor	201811017168

Patent applications filed from Pilani Campus during academic year 2017-18

S. No.	Name of Inventors	Department	Title	Patent Application Number	Date of Filing provisional	Date of Filing non-provisional
1	Dr. Sushil Kumar Yadav, Prof. Radhakrishnan Mahesh and Prof. Vishal Saxena	Department of Pharmacy	Non-Enzymatic Method For Large Scale Isolation Of B-Casein From Milk	201811018301	-	May 16, 2018
2	Prof. Rajiv Gupta , and Keyur Kapadia	Department of Civil Engineering	A Reservoir System For Underground Water Storage	201711045481	18th December 2017	
3	Dr. Anupama Mittal , Italiya Kishan Shamjibhai, Samrat Mazumdar, Dr. Deepak Chitkara	Department of Pharmacy	Surfactant-free, self-assembling micelles of fatty acid conjugate to hydrophilic drug and method for preparing the same	201711044842	-	13th December 2017

Patents granted

Patents granted in Pilani Campus during academic year 2017-18

S. No.	Name of Inventors	Department	Title	Patent Application Number	Date of Filing	Date of Filing non-provisional	Status
1	Dr. Dalip Kumar and Mr. Gautam Patel	Chemistry Applicant: "THE REGISTRAR, BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE"	Sulfoximine Derivatives as Anticancer Agents	2973/DEL/2010	13 Dec-2010.	December 8, 2011	Granted Patent number: 296365
2	Sachin Ulhasrao Belgamwar and Dr. Niti Nipun Sharma	Mechanical Engineering Applicant: "THE REGISTRAR, BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE"	Method of producing uniform mixture of copper and carbon nanotube in bulk for copper metal nanocomposite	2454/DEL/2012	August 6, 2012.	16-Oct-12	Granted Patent number: 296391
3	Jain, N., Bhargava, A. and Panwar, J.	Department of Biological Sciences Applicant: Indian Council of Agricultural Research	Biosynthesis of ZnO nanoparticles	1439/DEL/2011		May 19, 2011	Granted Patent number: 296944

A) Ongoing Ph.D. students and Supervisors

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
Dr. Akshay Rane	2017PHXP0436G	Saroja Kumar Panda	Mathematics	Full Time	<i>To be approved</i>
Dr. Amalin Prince	2016PHXF0014G	Gibin Chacko George	Elect & Electro/Instru	Full Time	Design and development of reconfigurable hardware accelerator for the analysis of reflectometry data
	2017PHXF0428G	NEELAM SRIKANTH	Elect & Electro/Instru	Part Time	<i>To be approved</i>
Dr. Amitendu Bhattacharya	2018PHXP0020G	Hemant Sharma	Humanities and Social Sciences	Full Time	<i>To be approved</i>
Dr. Amrita Chatterjee	2016PHXF0006G	Gawas Ram Uttam	Chemistry	Full Time	Design and Synthesis of AIE and ESIPT Based Fluorescent Chemodosimeters for the Detection of Toxic Analytes Including Heavy Metals, Anions and Small Molecules
	2017PHXP0024G	SHARANABAS AVA D HIREMATH	Chemistry	Full Time	<i>To be approved</i>
	2017PHXP0011G	NAIK VIRAJ GANPAT	Chemistry	Full Time	<i>To be approved</i>
Dr. Anasuya Ganguly	2012PHXF0010G	Nupur	Biological Sciences	Full Time	Tissue engineering of mesenchymal stem cells isolated from human placenta into a functional pancreatic construct
	2013PHXF0402G	Starlaine Chrizelle Mascarenhas	Biological Sciences	Full Time	Role of Environmental Toxins in Kidney Related Diseases of Canacona Taluka, Goa
	2018PHXP0005G	Bhende Prajakta Praveen	Biological Sciences	Full Time	<i>To be approved</i>
Dr. Angshuman Sarkar	2012PHXF0009G	Ansie Martin	Biological Sciences	Full Time	Study of metal nanoxide stress on 'Type 2 Pneumocytes' cultured in vitro.
	2015PHXF0011G	Makhan Kumar	Biological Sciences	Full Time	Detailed study on the effects of Quinacrine (QC) on regulation of small GTPases and apoptosis inhuman non-small cell lung cancer cell lines cultured invitro.
	2016PHXF0001G	Angela Samanta	Biological Sciences	Full Time	Study of the Effects of Quinacrine on Human Breast and Colon

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					Cancer Cell Lines
Dr. Anil Kumar Pundir	2017PHXP0020G	Jai Tushar	Mathematics	Full Time	<i>To be approved</i>
Dr. Anirban Roy	2017PHXP0408G	Anupam Mukherjee	Chemical Engineering	Full Time	<i>To be approved</i>
Dr. Anita Agrawal	2012PHXF0404G	Praveen G B	Elect & Electro/Instru	Full Time	Design and development of an intelligent system for analyzing brain disorders.
Dr. Anjan Chattopaddhyay	2015PHXF0006G	Sindhuja Sen	Chemistry	Full Time	An Investigation of the Reaction Pathways and Nuclear Dynamics Involving Conical Intersections
	2017PHXP0009G	ORUGANTI YASASWINI	Chemistry	Full Time	<i>To be approved</i>
Dr. Anoop S Kumar	2017PHXF0001G	MANOGNA R L	Economics	Full Time	<i>To be approved</i>
Dr. Arnab Banerjee	2015PHXF0014G	Fernandes Joseph Roque Dollrich	Biological Sciences	Full Time	Management of Polycystic ovarian syndrome (PCOS) by regulating the hypothalamic-hypophyseal-gonadal axis (HPG axis) and the adipokine profile
	2017PHXP0015G	MATE NAYAN ANAND	Biological Sciences	Full Time	<i>To be approved</i>
Dr. Arun V Kulkarni	2013PHXF0101G	Malati Dessai	Physics	Part Time	Studies on the Theory, Operation and Application of Scanning Probe Microscopes Particularly STM and AFM.
Dr. Ashwin Srinivasan	2017PHXP0418G	ANBUMUNE PONNIAH	Comp Sc and Info Sys	Part Time	<i>To be approved</i>
	2016PHXF0421G	Tirtharaj Dash	Comp Sc and Info Sys	Faculty	Search as a Game in Machine Learning with application to Biological Problems
Dr. Asima Shaukat	2015PHXF0404G	Akanksha Gavendra	Chemical Engineering	Full Time	Influence of filler particle morphology and surface characteristics on rheological dynamics of particle-filled nanocomposites and yield stress fluids
	2016PHXF0404G	MOHD MUBASHSHIR	Chemical Engineering	Full Time	Rheological behavior of greases and its influence on lubrication (tribological) performance
Dr. Aswini Kumar Mishra	2013PHXF0509G	Anil kumar	Economics	Part Time	Comprehensive Health Insurance in the

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					Context of Pervasive Disparities in Health Care services: Evidence from State of Bihar in India
	2016PHXF0011G	Abhishek Kumar Sinha	Economics	Full Time	An Economic Analysis of the Determinants and Outcomes of Innovation in Small and Medium Enterprises (SMEs) in India
Dr. Basavadatta Mitra	2017PHXP0430G	Neethu Prakashan	Humanities and Social Sciences	Full Time	<i>To be approved</i>
	2017PHXP0433G	DARSHANA SURESH BHAVE	Humanities and Social Sciences	Part Time	<i>To be approved</i>
Dr. Bharat M. Deshpande	2016PHXF0010G	Devika Ajay Verma	Comp Sc and Info Sys	Part Time	<i>To be approved</i>
	2016PHXF0413G	PRASHANT GANESH JOSHI	Comp Sc and Info Sys	Part Time	<i>To be approved</i>
	2017PHXP0021G	Srinivas B P	Comp Sc and Info Sys	Part Time	<i>To be approved</i>
	2013PHXF0301G	SANJAY LAXMIKANT JOSHI	Comp Sc and Info Sys	Aspirant	Predicting Reliability in Software Product Development Environment
Dr. Biju. K .Ravindran	2011PHXF0409G	Geeta Patil	Comp Sc and Info Sys	Faculty	Design of Energy Efficient Cache Architecture for Uniprocessor and Multicore Systems
	2013PHXF0502G	Gaurav Gupta	Comp Sc and Info Sys	Part Time	Design of Fault tolerant Mixed Critically [MCS] Multi-core Systems with Adaptive Resource Utilization
	2015PHXF0024G	Arun S Nair	Comp Sc and Info Sys	Part Time	Design of Multicore Mixed Criticality Model & High Performance Scheduler for ISO26262 Automotive Functional Safety Real-time Systems.
	2015PHXF0009G	Julieta Luiza Louella M. Mesquita	Comp Sc and Info Sys	Part Time	Design of Energy Efficient multi-core mixed criticality resource constrained and DO 178b/C complaint Real Time Scheduler for Robotics/Avionics like applications
Dr. C. K. Ramesha	2013PHXF0409G	Khairnar Vikas Vishnu	Elect & Electro/Instr	Full Time	Design and Development of

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
			u		Pattern and Polarization Reconfigurable Microstrip Antennas for Wireless Applications
Dr. Debasis Das	2016PHXF0411G	HARSHA.V	Comp Sc and Info Sys	Full Time	Design of an Internet of Vehicles (IoV) Architecture for Smart Cities
	2017PHXP0417G	Limbasiya Trupil Gordhanbhai	Comp Sc and Info Sys	Full Time	<i>To be approved</i>
	2018PHXP0034G	Ganesh Bellikar	Comp Sc and Info Sys	Part Time	<i>To be approved</i>
Dr. Debasis Patnaik	2013PHXF0104G	Sandra Maria D'sa	Economics	Part Time	Water pollution by industrial effluents in western india:Technology options and responses
	2013PHXF0508G	Yadav shashi lata	Economics	Part Time	Assessment of Quality Care In Hospitals: A Case Study of Goa
	2013PHXF0504G	Mavin Henriques	Economics	Part Time	Incentivizing Mental Health Care Structures in Schizophrenic Patients: An Etiological Analysis for its Mitigation
	2014PHXF0005G	YADAV POONAM	Economics	Part Time	Demographic and Psychological factors determinants of Organizational Commitment and Organizational Productivity in Public and Private Sector Units.
	2014PHXF0006G	SUDHIR P R	Economics	Part Time	Assessment and Mitigation of Technology and Operational risk in financial decision making by non financial firms
	2014PHXF0007G	RAJ VISWANATH AMONKAR	Economics	Part Time	Supply Chain Collaboration across the Sea Port Logistics Network in India
	2015PHXF0007G	Riyanka Swain	Economics	Full Time	Assessment of Corporate Governance practices in Select Banks and Non-Banking Financial Institutions in India
	2015PHXF0018G	Sardinha Shalom Mathew	Economics	Part Time	Development of Loss Reduction Techniques in Generation,

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					Transmission and Distribution of Electricity in India
Dr. Dibakar Chakrabarty	2010PH290405G	Mansi Baveja	Biological Sciences	Full Time	Study of Hemotoxic and Cytotoxic Agents from Sea Star (Starfish) Coelomic Fluid (SCF)
	2015PHXF0403G	Chitra Ramchandran Nair	Biological Sciences	Full Time	Blood Coagulation and Platelet Aggregation Inhibiting Toxins of Indian Spectacled Cobra (Naja naja) Venom
	2018PHXP0002G	Navodipa Bhattacharya	Biological Sciences	Full Time	<i>To be approved</i>
Dr. Dipankar Pal	2016PHXF0015G	Naik Akhilesh Gurudas	Elect & Electro/Instru	Full Time	Design and Optimization of High Speed Digital Multipliers
	2017PHXF0429G	Kasi Bandla	Elect & Electro/Instru	Part Time	<i>To be approved</i>
Dr. E. S. Kannan	2017PHXP0016G	Malavika C	Physics	Full Time	<i>To be approved</i>
	2016PHXP0422G	Anu Roshini R	Physics	Full Time	<i>To be approved</i>
Dr. G. Karthikeyan	2013PHXF0507G	Mullya Satish Anand	Mechanical Engineering	Part Time	Process Simulation and Experimental Investigation at Inter Electrode Gap (IEG) of Micro Electric Discharge Milling (uED-Milling)
	2015PHXF0410G	Kadam Nikhil Rajendra	Mechanical Engineering	Full Time	Investigation of Multi-layer Ceramic Coatings for High Temperature Contact Surfaces
Dr. Gauranga Charan Samanta	2016PHXF0022G	Shah Parth Mukeshbha	Mathematics	Full Time	Modified Gravity Theory and Cosmic Acceleration
	2016PHXF0415G	Mosani Karim Amir	Mathematics	Full Time	Gravitational collapse and Modified Gravity
Dr. Gaurav Dar	2018PHXP0031G	Abhay	Physics	Full Time	
Dr. Gautam Bacher	2017PHXP0422G	Deshpande Shreyas Suresh Rao	Elect & Electro/Instru	Full Time	
Dr. Geetha B	2016PHXF0017G	Tanna Shilpa Shirishkumar	Humanities and Social Sciences	Full Time	Graphic Narration: A Study of Indian Graphic Novels
	2013PHXF0112G	Shalini Joshi	Humanities and Social Sciences	Part Time	Green Tales: Tracing Eco-Consciousness in the Selected Folk Tales of Rajasthan
	2018PHXP0022G	Sandhya Basu	Humanities and Social Sciences	Full Time	<i>To be approved</i>

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
Dr. Halan Prakash	2017PHXP0445G	Santosh Kokate	Chemistry	Part Time	<i>To be approved</i>
	2018PHXP0041G	Gupta Smita Pancham	Chemistry	Full Time	<i>To be approved</i>
Dr. Himadri Mukharjee	2017PHXP0002G	Arindam Das	Mathematics	Full Time	<i>To be approved</i>
Dr. Indrani Talukdar	2015PHXF0401G	Jiss Maria Louis	Biological Sciences	Full Time	Role of alternative splicing in type 2 diabetes; a genome wide approach
Dr. Jajati Keshari Sahoo	2018PHXP0028G	Gayatri Maharana	Mathematics	Full Time	
	2015PHXF0017G	Ashish Kumar Nandi	Mathematics	Full Time	Study of matrix splittings and its application in solving singular linear systems.
Dr. Jegatha Nambi Krishnan	2016PHXF0407G	V KAARTHICK RAAJA	Chemical Engineering	Full Time	Synthesis, characterization and investigation of nano-enhanced blend membranes
Dr. Judith Braganca	2010PH290008G	Deepthi Das	Biological Sciences	Full Time	Screening and Characterization of Hydrolytic Enzymes from Halophilic Archaea
	2016PH290425G	Savardekar Akansha Vinod	Biological Sciences	Full Time	<i>To be approved</i>
Dr. K. A. Geetha	2013PHXF0012G	B. Gnana Bharathi	Humanities and Social Sciences	Full Time	A comparative cultural study of the Irula-Kurumba Tamil folk narratives
	2013PHXF0412G	Sushant Kishore	Humanities and Social Sciences	Full Time	The Politics of Rituals and Performances of Ethno-Cultural Nationalism in India: A Critical Study of Select Socio-political Events and Their Portrayal in News Media
Dr. K. R. Anupama	2013PHXF0410G	Joshi Abhishek Dilip	Elect & Electro/Instru	Full Time	Design of network protocol stack for Airborne Vehicular Networks
Dr. K.P.Jayadevan	2017PHXP0413G	Kerkar Shubhada Santosh	Chemistry	Full Time	<i>To be approved</i>
Dr. Kinjal Banerjee	2017PHXP0442G	Aditya Sharma	Physics	Full Time	<i>To be approved</i>
Dr. Kiran D. Mali	2018PHXP0036G	Kulkarni Pritam Vivek	Mechanical Engineering	Part Time	<i>To be approved</i>
	2016PHXF0025G	Hendre Kedar Madhukar	Mechanical Engineering	Part Time	Enhancement of Crashworthiness of Automobiles by Reducing Injuries to upper Extremities and Improved Airbag Characteristics
	2016PHXF0417G	RUSHIKESH	Mechanical	Full Time	Crashworthiness Study

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
		BHAGWANRAO SHINDE	Engineering		of Aluminium-Composite Collapsible Energy Absorber
Dr. Kundan Kumar	2013PHXF0403G	Saddhe Ankush Ashok	Biological Sciences	Full Time	DNA barcoding of Goan mangroves and functional characterization of sodium/proton antiporters for salt tolerance in <i>Rhizophora</i> species
	2014PHXF0002G	Rakesh Manuka	Biological Sciences	Full Time	Identification and functional characterization of abiotic stress responsive With No Lysine kinase in rice
	2016PHXF0402G	NILESH LAKSHMAN DAHIBHATE	Biological Sciences	Full Time	Screening, isolation and identification of bioactive compounds from potential mangrove plant of Goa
	2018PHXP0003G	Suhas Balasaheb Karle	Biological Sciences	Full Time	<i>To be approved</i>
	2016PH290427G	Malvankar Manali Ramakant	Biological Sciences	Full Time	<i>To be approved</i>
Dr. Lucy Gudino	2011PHXF0405G	Shamanth.N	Comp Sc and Info Sys	Full Time	Energy efficient medium access control protocol for wireless sensor network with sectored antenna
	2013PHXF0010G	Kadam Bhushan Vinayak	Elect & Electro/Instru	Full Time	Ultra-wideband microstrip antenna beamformer for wireless applications
Dr. M. K. Deshmukh	2013PHXF0009G	Athokpam Bharatbushan Singh	Elect & Electro/Instru	Full Time	Development of renewable energy based hybrid systems for smart grid applications
	2014PHXF0408G	K. LAXMINARSIM HA CHARY	Elect & Electro/Instru	Part Time	Development of Marine Soundscape for Shallow Under Water Environment
Dr. M. Srikanth	2014PHXF0406G	Ram Chavan	Biological Sciences	Full Time	Treatment of nitrogenous waste water by using microalgae and its utilization for production of value added products
	2014PHXF0407G	Anant Yadav	Biological Sciences	Full Time	Development and demonstration of decentralized waste water treatment system
	2015PHXF0003G	Priya Sharma	Biological Sciences	Full Time	Microbial Diversity and Nutrient recovery

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					using Microbial Fuel cell (MFC)
	2015PHXF0004G	Anumeha Vats	Biological Sciences	Full Time	Microbial Diversity and Nutrient recovery using Microbial Fuel cell (MFC)
	2015PHXF0027G	Ravindra Gangaram Mane	Biological Sciences	Part Time	Struvite formation and its use as an alternative to chemical fertilizers for crop production
	2015PHXF0402G	Guruprasad V Talekar	Biological Sciences	Full Time	Design and development of Electrochemical system for decentralized wastewater treatment and energy recovery
	2017PHXF0401G	Punyapwar Swapnil Vinod	Biological Sciences	Full Time	Development of Sustainable Greywater recycling methods
	2017PHXP0405G	Patil Prajakta Pratap	Biological Sciences	Full Time	<i>To be approved</i>
	2017PHXF0406G	Ravi Kiran K	Biological Sciences	Full Time	<i>To be approved</i>
Dr. Mainak Banerjee	2014PHXF0404G	ZIGMEE THUPDEN BHUTIA	Chemistry	Full Time	Development of "Green" and/or Catalyst-Free Methods for the Synthesis of Various Heterocycles of Biological Interests
	2018PHXP0009G	Dharmendra Das	Chemistry	Full Time	<i>To be approved</i>
Dr. Malabika Biswas	2013PHXF0401G	Avijit Das	Biological Sciences	Full Time	Studies on the gene regulation involved in the lyticlysogenic switch in Staphylococcus aureus temperate bacteriophage Phi 11
	2016PHXF0403G	VIJAYA	Biological Sciences	Full Time	Structural and functional characterization of Staphylococcus aureus Enolase
Dr. Manjuri Kumar	2016PHXF0408G	Parsekar Sidhali Uday	Chemical Engineering	Full Time	Synthesis, DNA interaction, cytotoxicity and anticancer studies of some transition metal complexes
Dr. Manoj Kumar Pandey	2014PHXF0011G	GOVEKAR SWETA SURYAKANT	Mathematics	Part Time	Group Theoretic Methods to Study Certain Hyperbolic Systems of PDEs
	2016PHXF0021G	Pabitra Kumar Pradhan	Mathematics	Full Time	Analytical and Numerical Study of Quasilinear

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					Hyperbolic Systems of PDEs.
Dr. Mayank Goel	2015PHXF0021G	Ravi Shankar	Mathematics	Part Time	Credit Risk Management: Pricing Collateral Debit Obligations
	2017PHXP0017G	Komal M Paroolkar	Mathematics	Part Time	<i>To be approved</i>
Dr. Meenal Kowshik	2016PHXF0003G	Zantye Pranjita Ganesh	Biological Sciences	Full Time	Hydroxyapatite nanoparticle assisted <i>in vitro</i> gene delivery in mouse embryonic stem cells: Studying mechanisms and efficiency.
	2016PHXF0401G	ZAKANE RESHMA NANASAHEB	Biological Sciences	Full Time	<i>To be approved</i>
	2017PHXP0402G	Pooja Kotharkar	Biological Sciences	Full Time	<i>To be approved</i>
	2016PH290426G	Fernandes Fiona Anthony	Biological Sciences	Full Time	<i>To be approved</i>
Dr. Mirdula Goel	2010PHXF0815G	Ujjwala Bhand	Economics	Full Time	A study of scientific research led innovations and market outcomes: with special reference to academic institutions in India.
	2017PHXP0420G	Pulipilelil Sheetal Thomas	Economics	Full Time	<i>To be approved</i>
	2018PHXP0035G	Peesapati Naresh Kumar	Economics	Part Time	<i>To be approved</i>
Dr. N. N. Ghosh	2015PHXF0406G	Madhurya Chandel	Chemistry	Full Time	Development of grapheme based magnetically separable nanocatalysts which can exhibit versatile and efficient catalytic activity towards several organic reactions
	2017PHXP0414G	Priyanka Makkar	Chemistry	Full Time	<i>To be approved</i>
Dr. Narayan Manjarekar	2017PHXP0427G	Sourabh Sen	Elect & Electro/Instru	Part Time	<i>To be approved</i>
	2016PHXF0423G	Vivek Chandran K P	Elect & Electro/Instru	Faculty	Gyro-less Attitude and Attitude-Rate Estimation For A Satellite Using Non Linear Models And Star Vector Observations
	2018PHXP0019G	Desai Ravishankar Prakash	Elect & Electro/Instru	Full Time	<i>To be approved</i>
Dr. Neena Goveas	2013PHXF0408G	Abhinandan H Patil	Comp Sc and Info Sys	Part Time	Design and Implementation of

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					Combinatorial Testing based Test suites for Operating Systems used for Internet of Things
	2013PHXF0200G	T S R K Prasad	Comp Sc and Info Sys	Faculty	Structural transformations on multidimensional networks
	2014PHXF0013G	G B VARDARAJU	Comp Sc and Info Sys	Part Time	Design and Analysis of an Architecture for Underwater Wireless Sensor Network to Study Acoustic Signature of Ships
	2016PHXF0009G	Shreenivas Naik	Comp Sc and Info Sys	Staff	<i>To be approved</i>
	2017PHXF0027G	Rizwan Parveen	Comp Sc and Info Sys	Faculty	Design of Cyber Physical Systems for Health Related Applications and its Integration with Existing Interfaces
Dr. Nilak Dutta	2016PHXF0414G	Neha Yadav	Humanities and Social Sciences	Full Time	Indian Postmodernity and New Literary Sub-Genres: A Critical Study of the Rise of Journalistic Non-fiction and the Graphic Novel
	2017PHXP0007G	PRITEEGANDH A NAIK	Humanities and Social Sciences	Full Time	<i>To be approved</i>
Dr. Nitin Sharma	2014PHXF0409G	KHANOLKAR SHAILESH VIJAY	Elect & Electro/Instru	Part Time	Resource Management Strategies for Device to Device Communication
	2015PHXF0019G	Balakrishnan Natarajan	Elect & Electro/Instru	Part Time	Aircraft Data Acquisition and Optimization of Flight and Maintenance Planning
	2016PHXF0016G	Kalyan Ram B	Elect & Electro/Instru	Part Time	Development of Resource Management Strategies for Machine to Machine (M2M) Communication Platform
	2017PHXF0423G	Abhijit Dey	Elect & Electro/Instru	Full Time	<i>To be approved</i>
	2017PHXF0424G	Prateek Singh	Elect & Electro/Instru	Full Time	<i>To be approved</i>
	2017PHXP0425G	Somesula Sivasagar N N	Elect & Electro/Instr	Full Time	<i>To be approved</i>

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
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Dr. P. Bhavana	2013PHXF0004G	Srimanta Halder	Chemistry	Part Time	Investigation on the Role of Peripheral Functionalisation on the Properties and Applications of Heteroarylporphyrins
	2015PHXP0407G	S.Baranitharan	Chemistry	Full Time	<i>To be approved</i>
	2017PHXP0416G	Neha Saran	Chemistry	Full Time	<i>To be approved</i>
Dr. P. Dhanumjaya	2013PHXF0013G	Santosh Kumar Bhal	Mathematics	Full Time	Orthogonal Spline Collocation Methods for Reaction Diffusion Equations
	2017PHXP0434G	Abhishek Yadav	Mathematics	Full Time	<i>To be approved</i>
	2018PHXP0025G	Monalisa Anand	Mathematics	Full Time	<i>To be approved</i>
Dr. P. Nanda Kumar	2010PHXF0812G	Bijeesh M.M.	Physics	Full Time	Linear and Nonlinear Optical Properties of Nano-Composites
	2013PHXF0018G	Shakhi P K	Physics	Full Time	Optical microscopic studies on biomolecular transport through nuclear membranes
Dr. Prabal Paul	2017PHXP0003G	Bandana	Mathematics	Full Time	<i>To be approved</i>
	2017PHXP0435G	Bijaya Kumar Sahu	Mathematics	Full Time	<i>To be approved</i>
	2018PHXP0027G	Sayantana Ganguly	Mathematics	Full Time	<i>To be approved</i>
Dr. Pradeep Boggarapu	2018PHXP0026G	P. Jitendra Kumar Senapati	Mathematics	Full Time	<i>To be approved</i>
Dr. Pradeep K.S.	2018PHXP0007G	Ashwin Y	Chemical Engineering	Full Time	<i>To be approved</i>
Dr. Prasanna Kumar N	2018PHXP0024G	Ritu Dhankhar	Mathematics	Full Time	<i>To be approved</i>
Dr. Prasanta Kumar Das	2014PHXF0401G	Atanu Guha	Physics	Full Time	Astrophysical and Collider Signatures of Dark Matter
	2017PHXP0022G	Saumyen Kundu	Physics	Full Time	<i>To be approved</i>
	2017PHXP0444G	Payel Sarkar	Physics	Full Time	<i>To be approved</i>
Dr. Pravin M. Singru	2015PHXF0025G	Shahare Devendra Yadaora	Mechanical Engineering	Part Time	Design of Controllers for Semi-active Suspension System for Half Car Model using MR Damper
	2017PHXF0005G	CHANDRASHEKHAR CHAUHAN	Mechanical Engineering	Full Time	An Acoustic study, characterization and Standardization of Sarswati Veena
Dr. Pritanshu Ranjan	2018PHXP0037G	Mouneshwar Pattar	Mechanical Engineering	Part Time	<i>To be approved</i>
Dr. R. N. Behera	2012PHXF0406G	Uday Kumar Padidela	Chemistry	Part Time	Effective interactions and properties of model colloidal suspensions: Integral equation theory and molecular dynamics simulation study

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
	2016PHXF0301G	Gregory A Anderson	Chemistry	Aspirant	To use quantum mechanics and molecular mechanics to model the mechanism of catalysis occurring in various halogenases
Dr. R. P. Pradhan	2015PHXF0001G	Chhavi Rathi	Humanities and Social Sciences	Part Time	Sea Ports & Economic Development: The Case Study of Sagarmala & India's Maritime Infrastructure Movement
	2016PHXF0018G	Harinder Singh	Humanities and Social Sciences	Part Time	India's Maritime Goodwill Curve: Feasibility and Prospect Analysis
	2018PHXP0021G	Sunkara Sairam	Humanities and Social Sciences	Full Time	<i>To be approved</i>
	2018PHXP0038G	Jestin Johny Chalakkal	Humanities and Social Sciences	Part Time	<i>To be approved</i>
Dr. R.S.Patil	2018PHXP0030G	Kulkarni Sharvari Pradeep	Physics	Full Time	<i>To be approved</i>
Dr. Radhika Vathsan	2018PHXP0033G	Sourav Kesharee Sahoo	Physics	Full Time	<i>To be approved</i>
Dr. Raghurama G	2017PHXF0028G	Chembiyan T	Elect & Electro/Instru	Faculty	Low Power Wideband FM Transmitter for Angle Modulated OFDM Systems
Dr. Rajesh Mehrotra	2016PHXF0424G	Sneha Lata	Biological Sciences	Full Time	Designing, synthesis and Validation of Salinity stress responsive promoter in plants
	2015PHXF0427G	Pinky	Biological Sciences	Full Time	Cloning and characterization of the amini acid transmembrane transporter from <i>Arabidopsis thaliana</i>
	2014PHXF0426G	Zaiba Hasan Khan	Biological Sciences	Full Time	Cloning and characterization of protin phosphatase 2A (PP2A) promoter from <i>Arabidopsis thaliana</i>
Dr. Rajorshi Sen Gupta	2017PHXP0010G	KING DAVID KWEKU BOTCHWAY	Economics	Full Time	<i>To be approved</i>
Dr. Ranjan Dey	2016PHXF0007G	Natekar Amrita Rudreshwar	Chemistry	Part Time	Molecular interaction studies of liquid mixtures based on thermophysical properties
Dr. Ranjit Patil	2013PHXF0505G	Vishal Vasanttrao Patil	Mechanical Engineering	Part Time	Investigations on Performance of

Name of Supervisor	Student ID	Student Name	Department	Category	Title
					Biodiesel Powered Diesel Engine
	2015PHXF0015G	Mahesh Dasar	Mechanical Engineering	Full Time	Study and Analysis of Fluid Dynamic and Heat Transfer Characteristics in Circulating Fluidized Bed Heat Exchanger with Novel Designs of Distributor Plates and Finned Cyclone Separators
	2016PHXF0420G	Abhilash Kumar Tilak	Mechanical Engineering	Faculty	Effects of hybrid nanofluids on fluid dynamics and heat transfer characteristics of various microchannels
	2017PHXF0025G	Rajesh Ramesh	Mechanical Engineering	Full Time	Crack growth direction in amorphous silica under extreme temperature conditions using Molecular Dynamics
Dr. Rashmi Chauhan Prof. Mainak Banerjee (Co-Mentor)	2018PHXP0010G	Honey Srivastava	Chemistry	Full Time	<i>To be approved</i>
Dr. Raviprasad Aduri	2015PHXF0013G	Bibhudutta Mishra	Biological Sciences	Full Time	Understanding RNA, RNA-Protein, and Protein-Ligand Interactions Using Computational Tools
Dr. Rayson K. Alex	2013PHXF0601G	Solano Jose Da Silva	Humanities and Social Sciences	Faculty	The Dynamics of Land-use Planning: a case Study of Goa.
	2018PHXP0039G	Zarine Saldanha	Humanities and Social Sciences	Part Time	<i>To be approved</i>
Dr. Reena Cheruvalath	2013PHXF0411G	Sebastio Anthony Rodrigues	Humanities and Social Sciences	Full Time	Environmental Ethics of Fishing Practices: The case of Goa
	2013PHXF0202G	Pragyan Parimita Barik	Humanities and Social Sciences	Full Time	Business – NGO Collaboration- An Emerging and Evolving CSR Mechanism in India
	2013PHXF0102G	Medha Tripathi	Humanities and Social Sciences	Part Time	Issues and challenges in integrating classroom pedagogy, curriculum and the teaching learning materials by teachers : A study in primary schools of rajasthan, Gujarat and Maharashtra

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
	2014PHXF0009G	GAUDE AJAY RAMCHANDRA	Humanities and Social Sciences	Part Time	The Effectiveness of Meta-cognitive interventions for managing Problem Behavior Children in Secondary Schools: A case study in Goa
	2018PHXP0040G	Shirodkar Pratiksha Chandrakant	Humanities and Social Sciences	Part Time	<i>To be approved</i>
	2017PHXP0431G	Hajara Abdul Hameed	Humanities and Social Sciences	Full Time	<i>To be approved</i>
Dr. Richa Singhal	2017PHXF0019G	Ishita	Chemical Engineering	Full Time	<i>To be approved</i>
Dr. S. S. Baral	2013PHXF0405G	Mouna H M	Chemical Engineering	Full Time	Bioleaching of heavy metals from spent catalysts
	2014PH010018G	M.Dillp	Chemical Engineering	Full Time	Photocatalytic Degradation of waste water from Paper and pulp industries
	2016PHXF0410G	PATIL ABHIJEET DILIP	Chemical Engineering	Part Time	<i>To be approved</i>
	2017PHXF0023G	A V B ACHARYULY	Chemical Engineering	Aspirant	Intensification of iron ore sintering process to reduce emissions and cost
	2018PHXP0008G	Kancherla Aashish Moses	Chemical Engineering	Full Time	<i>To be approved</i>
Dr. S.D.Manjare	2015PHXF0405G	Archana Vinod Kulkarni	Chemical Engineering	Part Time	Performance Assessment of Existing Pollution Control Units in a Grass Root Refinery To Suggest Strategies For Zero Liquid Discharge
	2016PHXF0409G	KORE VIVEK SADASHIV	Chemical Engineering	Part Time	<i>To be approved</i>
	2017PHXP0411G	Chandresh Kumar Dwivedi	Chemical Engineering	Full Time	<i>To be approved</i>
Dr. Sachin Waigaonkar	2016PHXF0026G	Harugade Mukund Laxman	Mechanical Engineering	Part Time	Experimental Investigations and Analysis of Magnetic field Assisted Electrochemical Discharge Machining Process
	2017PHXF0013G	POZHIL.S.N	Mechanical Engineering	Full Time	Investigation of Creep and Fracture Behaviour of Rotationally Mouldable Polypropylene
	2017PHXF0026G	Amal S Siju	Mechanical	Faculty	Improving

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
			Engineering		Tribological Behaviour of Turning Inserts by Surface Modification at Micro Scale
Dr. Sandeep Jose	2017PHXF0437G	Manoj Kumar Hilalpure	Mechanical Engineering	Full Time	<i>To be approved</i>
Dr. Sanjay Kumar Sahay	2017PHXF0419G	Hemant Rathore	Comp Sc and Info Sys	Faculty	Design of a Hybrid System to Detect Malicious Applications of the Smart Devices
	2018PHXP0014G	Lokesh Kumar	Comp Sc and Info Sys	Full Time	<i>To be approved</i>
	2009PHXF0008G	Aruna Govada	Comp Sc and Info Sys	Full Time	Study in Data Reduction and Multi-Class Classification for Distributed Data
	2015PHXF0023G	Mohit Sewak	Comp Sc and Info Sys	Part Time	Study and Design of Cognitive System for the Detection of Advanced Malware
Dr. Santonu Sarkar	2014PHXF0012G	SREEKRISHNA N VENKATESWARAN	Comp Sc and Info Sys	Part Time	Designing Meta-Clouds For Hybrid Cloud Brokerage
	2016PHXF0008G	Alavani Gargi Kabirdas	Comp Sc and Info Sys	Full Time	An investigation in the performance of architecture agnostic models for energy consumption of heterogeneous computing application
	2016PHXF0412G	Jyotirmoy Sarkar	Comp Sc and Info Sys	Part Time	<i>To be approved</i>
Dr. Sarang C Dhongdi	2018PHXP0017G	Ansa Shermin S	Elect & Electro/ Instru	Full Time	<i>To be approved</i>
Dr. Shalini Upadhyay	2013PHXF0503G	Ranjit Manuel Jude Rodrigues	Humanities and Social Sciences	Part Time	A select study to investigate the communication apprehension levels of undergraduate students in colleges in Goa
	2014PHXF0010G	Moras Shwetha Jennifer Flossy	Humanities and Social Sciences	Part Time	A study to investigate the impact of Spiritual Intelligence on the Job Performance of employees in the IT sector
	2016PHXF0019G	Iftekhar Alam	Humanities and Social Sciences	Part Time	A critical analysis of the impact of spiritual intelligence on the strategic decision making ability of personnel involved in

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					R&D in technology sector
Dr. Sharad Sontakke	2017PHXP0446G	Anjali Adnyan Meshram	Chemical Engineering	Full Time	<i>To be approved</i>
Dr. Shashidhara M Kotian	2017PHXP0426G	D R Karthik	Elect & Electro/Instru	Full Time	<i>To be approved</i>
Dr. Shibu Clement	2017PHXF0004G	Naveen K S	Mechanical Engineering	Full Time	Experimental and computational study on the transient behavior of vortex structure behind a bluff body with a drag reduction device
Dr. Srinivas Krishnaswamy	2012PH010023G	Pragya Singh	Chemical Engineering	Full Time	Theoretical & Experimental studies on coking in refinery systems and role of additives / passivation on coke reduction in these systems
	2013PHXF0201G	Parul sahu	Chemical Engineering	Faculty	Sea water desalination using liquefied natural gas (LNG) refrigeration
	2013PHXF0103G	Vv Siva Kumar	Chemical Engineering	Part Time	Studies on the influence of varying fluid properties on hydrodynamic cavitationn
	2013PHXF0501G	Vinod kadu more	Chemical Engineering	Part Time	Experimental studies on Co-Chlorination reactions of polymers, paraffins and alcohols for Chlorinated Poly-olefins (CPO), Paraffin Wax (CPW) and Di-Chlorohydrin (DCH) production
	2017PHXP0447G	Puneeth Tuppururi	Chemical Engineering	Full Time	
Dr. Subhadeep Banerjee	2015PHXF0409G	Phadte Apeksha Ashok	Chemistry	Full Time	Heteroaromatic push-pull molecules – dibenzodioxins, phenazines, porphyrins: Design, synthesis, electronic properties and anti-tumor activity.
Dr. Sudeep Baudha	2017PHXP0421G	Manish Varun Yadav	Elect & Electro/Instru	Full Time	<i>To be approved</i>
Dr. Sukumar Vellakkal	2018PHXP0016G	Abinash Singh	Economics	Full Time	<i>To be approved</i>

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
Dr. Sumit Biswas	2012PHXF0405G	Om Prakash Chouhan	Biological Sciences	Full Time	Physicochemical studies on the mutants of the VC0395_0300 protein.
	2017PHXP0407G	Subhasish Sahoo	Biological Sciences	Part Time	<i>To be approved</i>
	2018PHXP0001G	Divashree	Biological Sciences	Full Time	<i>To be approved</i>
Dr. Sunil Bhand	2013PHXF0407G	Aruna Chandra Singh	Chemistry	Full Time	Development of novel biosensor for analysis of endocrine disruptors and bacteria in environmental samples
	2013PHXF0406G	Arun Kumar Prusty	Chemistry	Full Time	Development of novel biosensor for analysis of endocrine disruptors and bacteria in environmental samples
	2015PHXF0408G	Krishna Kumari Swain	Chemistry	Full Time	Heavy metal analysis in water and sea food using novel biosensor based on enzymes and enzyme mimics
Dr. Sunilkumar V	2013PHXF0017G	Akhila Mohan	Physics	Full Time	Quantum field Theories in Lifshitz spacetimes
Dr. Sutapa Roy Ramanan	2016PHXF0406G	Kadu Kavita Haribhau	Chemical Engineering	Full Time	Synthesis of hydroxyapatite based functional biocompatible nanoparticles and investigation of its interaction with biomolecules
Dr. Tarkeshwar Singh	2014PHXF0001G	Godonho Aloysius Querobino	Mathematics	Full Time	Advances in the Theory of Magic And Antimagic graphs.
	2013PHXF0100G	Adarsh Kumar Handa	Mathematics	Part Time	Magic and Antimagic Labelings of Graphs and Digraphs.
Dr. Tarun Kumar Jha	2013PHXF0414G	Debashree Sen	Physics	Full Time	Equation of State of Dense Matter and Neutron Star Structure
	2014PHXF0402G	Tuhin Malik	Physics	Full Time	Aspects of Nuclear Matter and it's application to dense matter studies.
Dr. Teny Theresa John	2017PHXP0443G	Sumit Kumar	Physics	Full Time	
	2013PHXF0016G	Chithira P R	Physics	Full Time	Studies on wide band gap oxide based diluted magnetic semiconductors
	2016PHXF0418G	M DEEPAK KUMAR	Physics	Full Time	<i>To be approved</i>
Dr. Toby Joseph	2018PHXP0029G	Kiran V	Physics	Full Time	<i>To be approved</i>

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
Dr. Utpal Roy	2010PHXF0813G	Gautam Krishnan	Biological Sciences	Full Time	Novel Intervention strategies to prevent Neurodegenerative disease9s) using Graph Theory and EEG Data Analysis
	2015PHXF0012G	Deshmukh Rehan Ahmed	Biological Sciences	Full Time	Development of Molecular and Biosensor-based Methods for Detection of Bacterial Contamination in Water
	2017PHXF0018G	SWETHA RAMESH	Biological Sciences	Full Time	<i>In vitro</i> Evaluation and Functional Characterization of <i>Bacillus</i> -derived Antifungal Variants
Dr. V. V. S.N. V. Prasad	2013PHXF0413G	Prabhudesai Rohit Subhash	Economics	Full Time	A Study of Cross-Border Small and Medium Enterprise Alliance Performance
	2016PHXF0013G	Coutinho Shawnn Melicio	Economics	Part Time	Determinants and outcomes of Customer (Patient) Experience with respect to Healthcare Services
	2018PHXP0015G	Naik Sankalp Purushottam	Economics	Full Time	<i>To be approved</i>
Dr. Vadiraj Hemadri	2018PHXP0023G	Mane Nikhil Shrikant	Mechanical Engineering	Full Time	<i>To be approved</i>
Dr. Varinder Singh	2016PHXF0419G	Ravindra Singh Saluja	Mechanical Engineering	Faculty	Study of the selection issue in joining process for different applications
	2017PHXF0439G	Patil Mahesh Madhukar	Mechanical Engineering	Full Time	<i>To be approved</i>
Dr. Veeky Baths	2013PHXF0001G	Merina Dhara	Biological Sciences	Full Time	Application of network based tools and centrality measures for identification of novel drug targets against Mycobacterium tuberculosis
	2013PHXF0404G	Gautam kumar Baboo	Biological Sciences	Full Time	Novel Intervention strategies to prevent Neurodegenerative disease9s) using Graph Theory and EEG Data Analysis
	2015PHXF0016G	Mayur Jartarkar	Comp Sc and Info Sys	Full Time	Modeling cognitive functions of consumer behaviour using computational biology, brainwave

Name of Supervisor	Student ID	Student Name	Department	Category	Title
					measurement technology and machine learning
Dr. Vijayashree Nayak	2015PHXF0010G	Laxminarayan Rawat	Biological Sciences	Full Time	To study the drug delivery system and anti-neoplastic activity of various compounds in-vitro
	2017PHXF0006G	SHAMEER AHMED B	Biological Sciences	Full Time	DOXORUBICIN LOADED PEGYLATED GOLD NANOPARTICLES SYNTHESIS AND TO TEST THEIR EFFICACY FOR ORAL SQUAMOUS CANCER CELL LINE in vitro/ex vivo study
Dr. Vikas V Chaudhari	2013PHXF0506G	Harichandra Uttam Chandekar	Mechanical Engineering	Part Time	Investigation of thermo-mechanical characteristics of jute fibre reinforced polypropylene composites
	2016PHXF0024G	Dixit Swadesh Sandesh	Mechanical Engineering	Full Time	On fracture behavior of pressure vessel steel: cryogenic treatment and acoustic emission technique
Dr. Vivek R	2017PHXP0412G	Dhundiraj P. Deshpande	Chemical Engineering	Part Time	<i>To be approved</i>
	2018PHXP0006G	Neela Gayathri G	Chemical Engineering	Full Time	<i>To be approved</i>
Prof. A.P.Koley Prof.Sunil Bhand (Co-Mentor)	2018PHXP0011G	Manoorkar Vilas Keshav	Chemistry	Full Time	<i>To be approved</i>

B 3.19

S.No	IDNO	Name	DEPT	Supervisor & Co-Supervisor	Title
1	2009PH290004G	Akriti Rastogi	BIO	Prof. Dibakar Chakrabarty Prof. Angshuman Sarkar	Studies on Anticoagulant Potential of Moon Jellyfish (<i>Aurelia aurita</i>) and Barrel Jellyfish (<i>Rhizostoma pulmo</i>) Tentacle Extracts
2	2009PHXF0013G	Gella Laxmi	BIO	Prof. Rajiv Raman Prof. Kunda M.M.Rao	Structural and Functional Correlations in Diabetic Retinopathy
3	2009PHXF418G	Shruti Balaji	BIO	Dr. Anasuya Gangully	Functional Predictions of the Transcription Factor RFX6 During Human Pancreatic Development
4	2011PHXF0005G	Ramya R	BIO	Prof. Utpal Roy	Purification, Biochemical and Functional Characterization of Bacillomycin-type Lipopeptides of <i>Bacillus subtilis</i> RLID 12.1 and Optimization for the Selective Production of the Most Potent Antifungal variant
5	2011PHXF0006G	Jigni Pathan	BIO	Prof. Dibakar Chakrabarty Prof. Angshuman Sarkar	Studies on the effects of Russell's Viper Venom on human alveolar cancer cells and the involvement of small GTPases
6	2011PHXF0007G	Geethanjali Ravindran	BIO	Prof. Angshuman Sarkar	Study of the Effects of Cadmium Toxicity on Regulation of Small GTPases, HSP70 and Apoptosis in Human Alveolar Cells
7	2011PHXF0015G	Ajay Ghosh Chhalasani	BIO	Prof. Utpal Roy Prof. Angshuman Sarkar	Biochemical and Functional Characterization of a Narrow-Spectrum Antibacterial Peptide from the Wild-type <i>Bacillus</i> sp.
8	2011PHXF002G	Pallavee Srivastava	BIO	Dr. Meenal Kowshik	Biological Synthesis of Metallic and Metal Sulfide Nanoparticles using Halophilic Archaea and Bacteria
9	2011PHXF0401G	Priyanka Dwivedi	BIO	Prof. Vijayashree Nayak Prof. Ashok Kumar	Development of Novel Strategies for Cartilage Tissue Engineering By
10	2012PHXF0007G	P Priyadarshini Pai	BIO	Dr. Sukanta Mondal	Analysis and Identification of Protein-Ligand Interacting Residues Using Computational Approaches
11	2012PHXF0008G	Bandekar Divya Ramesh	BIO	Dr. Sumit Biswas	Structural and Functional Studies on VC0395_0300 Protein from <i>Vibrio cholerae</i>
12	2010PHXF0435G	Chetana Anand Deoghare	CHEM	Dr. Rashmi Chauhan Prof. Raghunath	Experimental and Theoretical Studies on Reversible Deactivation

S.No	IDNO	Name	DEPT	Supervisor & Co-Supervisor	Title
				Behera	Radical Polymerization of N-arylitacnionimides with Methyl Methacrylate
13	2012PHXF0013G	Dalavi Shankar Balu	CHEM	Dr.R.N.Panda	Studies on Nano-magnetism of Fe, Co, Ni and Pt based Ferromagnetic Metal and Alloy Nanoparticles Synthesized via Novel Chemical Routes
14	2012PHXF0407G	Atul Sharma	CHEM	Prof. Sunil Bhand Prof. Jean Louis Marty	Development of Novel Aptasensing Techniques for Detection of Mycotoxins and Antibiotic Residues in Food and Beverages
15	2013PHXF0005G	Pragnya Paramita Mishra	CHEM	Prof. R.N.Panda	Development of Novel Synthetic Methodologies, Characterization and Studies on Magnetic and Surface Properties of Some Binary and Ternary Transition Metal Nitrides
16	2013PHXF0006G	Barun Kumar Ghosh	CHEM	Prof. N.N.Ghosh	Synthesis of Magnetically Separable Metal Nanoparticle Loaded Mesoporous Catalysts and Study of Their Versatile Catalytic Activities
17	2013PHXF002G	Akanksha Saini	CHEM	Dr.Ranjan Dey	Computation of Excess, Transport and Allied Thermodynamic Properties to Study Intermolecular Interactions in Binary and Higher Order Liquid Mixtures
18	2013PHXP003G	Dipratn Govindrao Khandare	CHEM	Dr. Amrita Chatterjee	Design and Synthesis of Aggregation-Induced Emission Based Probes for Detection of Toxic and Biologically Important Analytes
19	2009PHXF0421G	Rajendra Kumar Roul	CS	Dr. Sanjay Kumar Sahay	Design and Investigation of Techniques to Improve Information Retrieval on the Web
20	2010PHXF0020G	Gawas Mahadev Anant	CS	Prof. Lucy J. Gudino Prof. K.R.Anupama	Cross Layer Design Approaches for the Enhancement of QoS in MANETs
21	2011PHXF0020G	Gawali Shubhangi Krushnachandra	CS	Dr. Biju K. R Prof. Bharat Deshpande	Design of Energy Efficient Schedulers for Multicore Hard Real Time Systems
22	2011PHXF0021G	Sreejith V	CS	Prof. K. R. Anupama Prof. Lucy J. Gudino	Development of Network Architecture and Protocol Stack for Mobile Wireless Sensor Networks
23	2012PHXF0011G	Ashu Sharma	CS	Prof. Sanjay K. Sahay	Group-wise Classification Approach to Improve Malware Detection Accuracy
24	2010PHXF0022G	Dhongdi Sarang Chandrashekhar	EEE	Prof. K. R. Anupama Prof. Lucy J. Gudino	Development of Energy Efficient Network Architecture and Protocol Stack for Underwater

S.No	IDNO	Name	DEPT	Supervisor & Co-Supervisor	Title
					Wireless Sensor Networks (UWSNs)
25	2012PHXF0001G	S Sankhar Reddy Ch	EEE	Prof. K.R. Anupama Dr. Anita Agrawal	Modular Self-Reconfigurable Robot for Implementation of Biomimetic Structures
26	2012PHXF0002G	Meetha V Shenoy	EEE	Prof. K.R. Anupama Dr. Narayan Suresh Manjarekar	Design and Development of Time Synchronization, Localization and Task Allocation Schemes for Swarm and Multi-Robot Systems
27	2010PHXF0021G	Bijil Prakash	MATH	Dr. Amit Setia	Application of Haar Wavelets Based Numerical Method to Mathematical Models in Fractional Calculus
28	2011PHXF0009G	Venkatesan A	PHY	Dr. E.S.Kannan	Transport and Gas Sensing Properties of One Dimensional Metal Oxide Nanostructures and Graphene Oxide Based Composites
29	2012PHXF0015G	Selvaganapathy J	PHY	Prof. Prasanta Kumar Das Prof. Partha Konar	Phenomenological Aspects of Noncommutative Standard Model
30	2013PHXF0015G	Dhavala Suri	PHY	Dr. Ram Shanker Patel	A Study of Electronic and Thermal Transport Properties of Transition Metal Dichalcogenides for Device Applications

B 5.3 (C) Dropout Ratio

1st sem 16-17			Students left and struckoff from Rolls	Registered students	% of students left and struck-off from Rolls
FD	HD	PhD	Total		
9	6	8	23	4637	0.00496
2nd sem 16-17					
FD	HD	PhD			
13	3	10	26	4496	0.005783
		Grand Total	49		

5.7 Unique Companies

YEAR	NAME OF THE COMPANY	SECTOR OF THE COMPANY
2017-18	159 Solutions	IT
2017-18	Absentia	IT
2017-18	ABSTC	CH
2017-18	Accenture	AN/CO
2017-18	Accolite	IT
2017-18	ADM Agro	CH
2017-18	Adobe	IT
2017-18	Aequis	CH
2017-18	Aizant	CH
2017-18	Aliyance	MF
2017-18	Amazon	IT
2017-18	American Express	IT
2017-18	Anarock	IT
2017-18	App Dynamics	IT
2017-18	App Orbit	IT
2017-18	Apple	IT
2017-18	Arcesium	IT
2017-18	ARM	ET
2017-18	Ashoka Buildcon	IF
2017-18	ATCS	IT
2017-18	Aurobindo Pharma	BP
2017-18	Autorabit Software	IT
2017-18	Avaya	IT
2017-18	Axis Bank	BF
2017-18	Bain Capability Centre	AN/CO
2017-18	Bajaj Auto	MF
2017-18	Baldor Technologies	IT
2017-18	Bank of America(BofA)	BF
2017-18	Barclays	BF
2017-18	BCG	AN/CO
2017-18	Beehyv	IT
2017-18	Bharat Seats	MF
2017-18	Binani - 3 B Fibre glass	CH
2017-18	Birla Century	CH
2017-18	Bitmapper	ET
2017-18	Bizacuity	IT
2017-18	Blue Jeans Network	IT
2017-18	BlueOptima	IT
2017-18	BNY Mellon	AN/CO

YEAR	NAME OF THE COMPANY	SECTOR OF THE COMPANY
2017-18	Bombardier	MF
2017-18	Bookeventz	OT
2017-18	BSCPL Infra	IF
2017-18	Byju	OT
2017-18	CA Technologies	IT
2017-18	Cairn India	CH
2017-18	Capgemini	IT
2017-18	Capillary	AN/CO
2017-18	CDOT	IT
2017-18	Cetas Healthcare	AN/CO
2017-18	CGI	IT
2017-18	Chiripal Group	MF
2017-18	Cholamandalam	BF
2017-18	Cisco	ET
2017-18	Citi Bank	IT
2017-18	Client Associates	OT
2017-18	Codination	IT
2017-18	Cognizant	IT
2017-18	Consul Neowatt	ET
2017-18	Core Compete	AN/CO
2017-18	Credit Suisse	BF
2017-18	Crowdchat	IT
2017-18	Cummins	MF
2017-18	Cyient	MF
2017-18	Cypress Semiconductors	ET
2017-18	Daikin	MF
2017-18	DE Shaw	IT
2017-18	Deccan Fine Chemicals	CH
2017-18	Dell EMC	IT
2017-18	Deloitte	AN/CO
2017-18	DEP India	MF
2017-18	Deshpande Foundation	OT
2017-18	Deutsche Bank	BF
2017-18	Development Consultants P Lim	IF
2017-18	Directi	IT
2017-18	Dr Reddy's Lab(DRL)	BP
2017-18	Dream Vu	IT
2017-18	E&Y	AN/CO
2017-18	Ecozen	MF
2017-18	Edgeverve	IT
2017-18	Education Initiative	OT
2017-18	Edupristine	IT

YEAR	NAME OF THE COMPANY	SECTOR OF THE COMPANY
2017-18	Embibe	OT
2017-18	Epsilon	AN/CO
2017-18	Ericsson	ET
2017-18	EXL Services	AN/CO
2017-18	Exxon Mobil	MF
2017-18	FIITJEE	OT
2017-18	Fiorano	IT
2017-18	Flipkart	IT
2017-18	Flow Traders	BF
2017-18	FMC Technologies	MF
2017-18	FOYR	IT
2017-18	Fractal Analytics	AN/CO
2017-18	Franklin Templeton	AN/CO
2017-18	Fujikura	MF
2017-18	Future First	BF
2017-18	GAP	IT
2017-18	General Electric(GE)	MF
2017-18	Genpact	IT
2017-18	GGK Technologies	IT
2017-18	Goldman Sachs	BF
2017-18	Goodera	AN/CO
2017-18	Grey Orange	ET
2017-18	GSK R&D	BP
2017-18	Gwyniebee	IT
2017-18	Halftick	IT
2017-18	HereMaps	IT
2017-18	Hero Moto Corp	MF
2017-18	Hindalco	CH
2017-18	Histogenetics	IT
2017-18	Holiday IQ	OT
2017-18	Honeywell	CH
2017-18	Hotstar	IT
2017-18	Howden Insurance	BF
2017-18	HSBC	BF
2017-18	Hyundai Motors	MF
2017-18	iB Hubs	IT
2017-18	IBM	IT
2017-18	ICICI - MT	BF
2017-18	IFB	MF
2017-18	IMI Mobile	IT
2017-18	IMS Health	BP
2017-18	Indegene	BP

YEAR	NAME OF THE COMPANY	SECTOR OF THE COMPANY
2017-18	India Mart	OT
2017-18	Indian PAC	OT
2017-18	Indospirit	OT
2017-18	Indus Insights	AN/CO
2017-18	Indus Valley Partners (IVP)	IT
2017-18	Infinera	IT
2017-18	Infinity Research	OT
2017-18	Infor	IT
2017-18	Infosys	IT
2017-18	Infoworks	IT
2017-18	Ingersoll Rand	MF
2017-18	Inmobi	AN/CO
2017-18	Innominds	AN/CO
2017-18	Intas Pharma	BP
2017-18	Intel	ET
2017-18	Intuit	IT
2017-18	IQVIA	IT
2017-18	iRunway	AN/CO
2017-18	ITL	IF
2017-18	J P Morgan Chase	BF
2017-18	J P Morgan Services	BF
2017-18	JDA Software	IT
2017-18	Jivox	IT
2017-18	Johnson Controls	MF
2017-18	JSW	MF
2017-18	Just Dial	IT
2017-18	Kinapse	AN/CO
2017-18	Knolscape	IT
2017-18	KPIT	IT
2017-18	KPMG	AN/CO
2017-18	L&T Construction	IF
2017-18	L&T Infotech	IT
2017-18	L&T Technologies	MF
2017-18	Latent View	AN/CO
2017-18	Lava	ET
2017-18	Lea Associates	IF
2017-18	LHDINDIA PRIVATE LIMITED	IT
2017-18	Lithium Tech	IT
2017-18	Lowe's	AN/CO
2017-18	Loyalty Juggernaut INC	IT
2017-18	Magnitude Software	IT
2017-18	Mahindra & Mahindra	MF

YEAR	NAME OF THE COMPANY	SECTOR OF THE COMPANY
2017-18	Market Front	IT
2017-18	Markets & Markets	AN/CO
2017-18	Maruti Suzuki	MF
2017-18	Mastercard	IT
2017-18	Mathworks	ET
2017-18	Maybank	BF
2017-18	Mckinsey	AN/CO
2017-18	Media IQ Digital	IT
2017-18	Mediatek	ET
2017-18	Mentor Graphics	ET
2017-18	Merilytics	AN/CO
2017-18	Michelin	MF
2017-18	Microsoft	IT
2017-18	Moolchand Healthcare	OT
2017-18	Morgan Stanley	BF
2017-18	Morningstar	IT
2017-18	MuSigma	AN/CO
2017-18	My POS Technology	IT
2017-18	My Smart price (MSP)	IT
2017-18	Myntra	IT
2017-18	Nagarro	IT
2017-18	NestAway	IT
2017-18	Nestle	MF
2017-18	NetApp	IT
2017-18	Newgen Software	IT
2017-18	Next Education	IT
2017-18	Nextgen PMS	IT
2017-18	Nomura	BF
2017-18	Novartis	IT
2017-18	Nucleus Software	IT
2017-18	Nutanix	IT
2017-18	Nvidia	ET
2017-18	Oasis Centre of Reproductive Medicine	BP
2017-18	OFSS	IT
2017-18	Ola	IT
2017-18	Opera Solutions	IT
2017-18	Optum	IT
2017-18	Optimize	IT
2017-18	Oracle	IT
2017-18	Orbees	AN/CO
2017-18	Oyo Rooms	IT
2017-18	Parexel	IT

YEAR	NAME OF THE COMPANY	SECTOR OF THE COMPANY
2017-18	Paypal	IT
2017-18	PayU	IT
2017-18	Perceptive Analytics	AN/CO
2017-18	Petasense	IT
2017-18	Pfizer	BP
2017-18	Phenom People	IT
2017-18	Playsimple	IT
2017-18	Pokarna	CH
2017-18	Postman	IT
2017-18	Presidency University	OT
2017-18	PwC	AN/CO
2017-18	Q3 Infotech P Lim	IT
2017-18	Qualcomm	ET
2017-18	Quantiphi	AN/CO
2017-18	Quantum Phinance	AN/CO
2017-18	Qubole	IT
2017-18	Rao IIT	OT
2017-18	RedSeer Management Consulting Pvt. Ltd.	AN/CO
2017-18	Reflexis	IT
2017-18	Reliance Industries	CH
2017-18	Reliance Jio	IT
2017-18	Reliance Petrochemicals	CH
2017-18	Reliance Polymers	CH
2017-18	Report Garden	AN/CO
2017-18	Rivigo	IT
2017-18	Rubique	OT
2017-18	Sai Life Sciences	CH
2017-18	Saisunj	AN/CO
2017-18	Samsung Bangalore	ET
2017-18	Samsung Delhi	ET
2017-18	Samsung Noida	ET
2017-18	Sandisk	ET
2017-18	SAP Labs	IT
2017-18	Satguru Travels	OT
2017-18	Schneider	IT
2017-18	Searce	AN/CO
2017-18	Sedemac	IT
2017-18	ServiceNow	IT
2017-18	Sheroes	IT
2017-18	Shiftery	IT
2017-18	Shriram Transport Finance Lim	BF
2017-18	Siemens	MF

YEAR	NAME OF THE COMPANY	SECTOR OF THE COMPANY
2017-18	SKF	MF
2017-18	Skoda	MF
2017-18	Sling Media	IT
2017-18	Smartprix	IT
2017-18	Societe Generale	IT
2017-18	Sokrati	AN/CO
2017-18	Soroco(Cataraman Ventures)	IT
2017-18	SRF	CH
2017-18	Statestreet	IT
2017-18	Swiggy	IT
2017-18	Syngene	BP
2017-18	Synopsys	ET
2017-18	Target	IT
2017-18	Tata Advance System Ltd(TASL)	MF
2017-18	Tata Auto Component	MF
2017-18	Tata Motors	MF
2017-18	Tata Steel	MF
2017-18	Tata Trust	OT
2017-18	Tavisca	IT
2017-18	TCG	IT
2017-18	TCS Analytics	AN/CO
2017-18	Tech Racers	IT
2017-18	Techolution	IT
2017-18	Tejas Networks	IT
2017-18	Telstra	IT
2017-18	Teradata	IT
2017-18	Tesco	IT
2017-18	Tesco Analytics	AN/CO
2017-18	Texas Instruments	ET
2017-18	The Math Company	AN/CO
2017-18	Thornton Tomasetti	IF
2017-18	Times Internet	IT
2017-18	Tonbo Imagining	IT
2017-18	Toshiba	ET
2017-18	Total Environment	IF
2017-18	Transorg	AN/CO
2017-18	Tredence	AN/CO
2017-18	Tresvista	BF
2017-18	TTK	OT
2017-18	Uber	IT
2017-18	UBS	BF
2017-18	Unacademy	IT

YEAR	NAME OF THE COMPANY	SECTOR OF THE COMPANY
2017-18	United Online	IT
2017-18	Upgrad	AN/CO
2017-18	UST Global	IT
2017-18	Value Edge	BP
2017-18	Value labs	IT
2017-18	Vedanta	MF
2017-18	Vega Conveyors and Automation Ltd.	MF
2017-18	Veritas	IT
2017-18	VFS Global	AN/CO
2017-18	Vidya Mandir Classes	OT
2017-18	VISA	IT
2017-18	Vizury	IT
2017-18	VMS Consultants	IF
2017-18	VMWare	IT
2017-18	Walmart	IT
2017-18	Webware	IT
2017-18	Wipro	IT
2017-18	Xilinx	ET
2017-18	Youstart Technologies	IT
2017-18	Zemoso	IT
2017-18	Zendrive	IT
2017-18	Zenoti	IT
2017-18	Zeotap	IT
2017-18	Zinnov Consulting	AN/CO
2017-18	ZS Associates	AN/CO
2017-18	Zuti	ET
2017-18	Zyla	AN/CO

Sector (Abbreviation)	Full Name
IF	Infrastructure
CH	Chemical
MF	Mech & Manufacturing
IT	Information Technology
BP	Bio-Pharma
BF	Banking & Finance
ET	Electronics
OT	Others
AN/CO	Analytics & Consulting

Details of Students

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017- 18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Pilani	2017-18	2012B3A8538P	DhruvJagrut Dave	Second	Yes	On Campus
Pilani	2017-18	2012HS24144P	Akshay Madan	First	Yes	On Campus
Pilani	2017-18	2013A1PS742P	Siddharth Pandey	First	Yes	On Campus
Pilani	2017-18	2013A2PS682P	Aakash Pant	First	Yes	Off-Campus
Pilani	2017-18	2013A3A7244P	Anjana Asok	First	Yes	On Campus
Pilani	2017-18	2013A4PS346P	Shivam Kedia	Second	Yes	PPO(PSII)
Pilani	2017-18	2013A4PS382P	Devank Sriram	Second	Yes	PPO(PSII)
Pilani	2017-18	2013A7PS192P	PrachiAnil Agrawal	Second	Yes	On Campus
Pilani	2017-18	2013A7TS197P	Prasoon Trivedi	Second	Yes	On Campus
Pilani	2017-18	2013A8PS460P	SharvariSatish Deshmukh	First	Yes	On Campus
Pilani	2017-18	2013B1A1226P	Siddhant Mehandru	Second	Yes	On Campus
Pilani	2017-18	2013B1A1237P	Vinay Khandelwal	Second	Yes	On Campus
Pilani	2017-18	2013B1A1238P	Arnab Chakraborty	Second	Yes	On Campus
Pilani	2017-18	2013B1A1408P	Lakshya Sharma	Second	Yes	On Campus
Pilani	2017-18	2013B1A1837P	Shivi Jain	Second	Yes	On Campus
Pilani	2017-18	2013B1A1844P	Parikshit Joon	Second	Yes	On Campus
Pilani	2017-18	2013B1A1852P	PriyankKumar Chauhan	Second	Yes	On Campus
Pilani	2017-18	2013B1A1854P	Abhijeet Chowdhury	Second	Yes	On Campus
Pilani	2017-18	2013B1A2235P	Akshay Jhamb	Second	Yes	On Campus
Pilani	2017-18	2013B1A2240P	Nishtha Jain	Second	Yes	On Campus
Pilani	2017-18	2013B1A2241P	Chinmay Tiwary	Second	No	NA
Pilani	2017-18	2013B1A2375P	Rohit Agrawal	Second	Yes	Off-Campus
Pilani	2017-18	2013B1A2376P	Akshat Bordia	Second	Yes	On Campus
Pilani	2017-18	2013B1A2444P	Srivalli Challa	Second	Yes	On Campus
Pilani	2017-18	2013B1A2525P	SaiBharadwaj Vedula	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B1A3231P	Aashish Passrija	Second	Yes	On Campus
Pilani	2017-18	2013B1A3265P	Vandit Gandotra	Second	Yes	Off-Campus
Pilani	2017-18	2013B1A3356P	SatyapriyaSingh Deo	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B1A3409P	Shreya Kapoor	Second	Yes	On Campus
Pilani	2017-18	2013B1A3818P	Nandini Tripathi	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B1A3859P	Karan Rajpal	Second	Yes	On Campus
Pilani	2017-18	2013B1A3862P	Geeta Bansal	First	Yes	On Campus
Pilani	2017-18	2013B1A4263P	Siddhant Dang	First	Yes	PPO (Summer Internship)
Pilani	2017-18	2013B1A4450P	Shirsh Zibbu	Second	Yes	On Campus
Pilani	2017-18	2013B1A4576P	Akshay Goyal	Second	Yes	On Campus
Pilani	2017-18	2013B1A4841P	Abhishek Prasad	Second	Yes	On Campus
Pilani	2017-18	2013B1A7377P	ApurvaVijay Kulkarni	First	Yes	On Campus
Pilani	2017-18	2013B1A7421P	Sourabh Bansal	First	Yes	On Campus
Pilani	2017-18	2013B1A7542P	ManeshNarayan K	First	Yes	Off-Campus
Pilani	2017-18	2013B1A7687P	AkarapuSai Rahul	Second	Yes	On Campus
Pilani	2017-18	2013B1A7856P	AnishNirav Shah	First	Yes	On Campus
Pilani	2017-18	2013B1A7858P	Kshitij Gandhi	First	Yes	PPO(Summe r Internship)
Pilani	2017-18	2013B1A7865P	Harshit Oberoi	First	Yes	PPO (Summer Internship)
Pilani	2017-18	2013B1A8248P	SaiSashank Narayanam	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B1A8817P	TarunKumar Vangani	Second	No	NA
Pilani	2017-18	2013B1A8846P	Kunal Parmani	Second	No	NA

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017-18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Pilani	2017-18	2013B1AB374P	SwarnSingh Bhal	Second	Yes	On Campus
Pilani	2017-18	2013B1AB428P	Tanhya Chitle	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B1AB864P	Aniket Singh	Second	Yes	On Campus
Pilani	2017-18	2013B2A1782P	DevanshHarnarayan Agrawal	Second	Yes	On Campus
Pilani	2017-18	2013B2A1812P	AnoopMadhav Bayana	Second	Yes	On Campus
Pilani	2017-18	2013B2A1832P	Anubhav Narwal	Second	No	NA
Pilani	2017-18	2013B2A1843P	Vishal Raj	Second	Yes	On Campus
Pilani	2017-18	2013B2A1853P	Nishant	Second	No	NA
Pilani	2017-18	2013B2A1855P	BhupenderKumar	Second	No	NA
Pilani	2017-18	2013B2A2815P	Thodupunoori Akhil	Second	No	NA
Pilani	2017-18	2013B2A2842P	Rijul Dutta	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B2A3026P	Hardik Mittal	First	Yes	On Campus
Pilani	2017-18	2013B2A3268P	SanchitAditya Nangia	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B2A3412P	YashPrashant Mahajan	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B2A3787P	Rushil Handa	Second	Yes	On Campus
Pilani	2017-18	2013B2A3797P	Ashvjit Singh	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B2A3824P	Sarthak Raheja	First	No	NA
Pilani	2017-18	2013B2A3828P	Tushar Singh	Second	Yes	On Campus
Pilani	2017-18	2013B2A3838P	Harsh Sinha	First	Yes	On Campus
Pilani	2017-18	2013B2A3840P	Shivam Arora	Second	Yes	On Campus
Pilani	2017-18	2013B2A4224P	Abhishek Raj	First	Yes	On Campus
Pilani	2017-18	2013B2A4275P	KartikAbhishek Gandham	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B2A4313P	Aditya Chauhan	First	Yes	Off-Campus
Pilani	2017-18	2013B2A4416P	Aishwarya Sharma	First	Yes	On Campus
Pilani	2017-18	2013B2A4777P	Surayans Tiwari	Second	Yes	On Campus
Pilani	2017-18	2013B2A4802P	Abhishek Kathuria	First	Yes	On Campus
Pilani	2017-18	2013B2A4814P	Shubham Bharadia	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B2A4816P	Avish Vora	Second	Yes	On Campus
Pilani	2017-18	2013B2A4825P	Yashitha Jaiswal	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B2A4830P	Karthik Maddipoti	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B2A4831P	Shubham Agarwal	Second	Yes	On Campus
Pilani	2017-18	2013B2A7455P	Vedant Mishra	Second	Yes	On Campus
Pilani	2017-18	2013B2A7803P	Anshul Chhabra	First	Yes	On Campus
Pilani	2017-18	2013B2A7827P	Srajit Sakhujia	Second	Yes	On Campus
Pilani	2017-18	2013B2A7839P	Abhishek Sharma	First	Yes	On Campus
Pilani	2017-18	2013B2A7850P	Deepanshu Gupta	First	Yes	On Campus
Pilani	2017-18	2013B2A8799P	HarshilAshwani Gupta	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B2A8829P	Tarun Raghav	Second	Yes	On Campus
Pilani	2017-18	2013B2A8847P	Karan Jaju	Second	Yes	On Campus
Pilani	2017-18	2013B2AB429P	Daulat Daga	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B2AB835P	Preksha Agrawal	Second	Yes	On Campus
Pilani	2017-18	2013B3A1495P	Abhishek Agarwal	Second	Yes	On Campus
Pilani	2017-18	2013B3A1549P	Aakash Juneja	First	Yes	On Campus
Pilani	2017-18	2013B3A1611P	SumantSahas Mulkalwar	Second	Yes	On Campus
Pilani	2017-18	2013B3A1714P	Abhinav Adarsh	Second	Yes	On Campus
Pilani	2017-18	2013B3A1757P	Chinmay Singhal	Second	Yes	On Campus
Pilani	2017-18	2013B3A2475P	BhanuPhanikrishna Koduru	Second	Yes	On Campus
Pilani	2017-18	2013B3A2592P	Shrey Talwar	Second	Yes	On Campus
Pilani	2017-18	2013B3A2655P	IndrayaniJitendra Bargaje	Second	Yes	On Campus
Pilani	2017-18	2013B3A2758P	Sunny Paruthi	Second	Yes	On Campus
Pilani	2017-18	2013B3A3435P	Hardik Gupta	First	Yes	On Campus

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017-18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Pilani	2017-18	2013B3A3512P	Yash Tyagi	Second	Yes	On Campus
Pilani	2017-18	2013B3A3530P	Prachi Yogesh Jain	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A3531P	Abhishek Gupta	Second	No	NA
Pilani	2017-18	2013B3A3645P	RavneetS Baansal	Second	Yes	On Campus
Pilani	2017-18	2013B3A3652P	Aayush Gupta	Second	Yes	On Campus
Pilani	2017-18	2013B3A3658P	Vinayak Awasthi	First	Yes	On Campus
Pilani	2017-18	2013B3A3672P	Anubhav Gupta	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B3A4720P	Honey Goyal	Second	No	NA
Pilani	2017-18	2013B3A7304P	Tanaya Jha	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A7473P	Rishabh Jain	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A7480P	KunalPrمود Todі	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A7496P	Loveperteek Singh	First	Yes	On Campus
Pilani	2017-18	2013B3A7521P	Shubhi Rastogi	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A7543P	Akshay R	First	Yes	On Campus
Pilani	2017-18	2013B3A7603P	Surbhi Dang	First	Yes	On Campus
Pilani	2017-18	2013B3A7608P	Nipun Jain	First	Yes	On Campus
Pilani	2017-18	2013B3A7673P	AkshithReddy Saddi	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B3A7702P	Simran Kaur	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A7704P	Vaibhav Shrimal	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A7705P	Shashwat Rawat	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A7722P	Akshit Bhatia	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A7731P	Brajesh Shishir	Second	Yes	On Campus
Pilani	2017-18	2013B3A7751P	Vaibhav Agarwal	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A7755P	Aditi	First	Yes	On Campus
Pilani	2017-18	2013B3A7789P	Ishan Sharma	First	Yes	On Campus
Pilani	2017-18	2013B3A7833P	Abhishek Dixit	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B3A8256P	Tatavarthi Archana	Second	Yes	On Campus
Pilani	2017-18	2013B3A8365P	Tanya Srivastava	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B3A8479P	KshitijPrافull Panse	Second	Yes	On Campus
Pilani	2017-18	2013B3A8545P	Gaurav Aakar	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B3A8651P	Abhisumat Barthwal	Second	Yes	On Campus
Pilani	2017-18	2013B3A8665P	Shonhit Trehan	Second	Yes	On Campus
Pilani	2017-18	2013B3A8678P	Shrenik Borad	Second	No	NA
Pilani	2017-18	2013B3A8737P	Archit Chaudhary	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B3AB538P	Amandeep Singh	Second	Yes	On Campus
Pilani	2017-18	2013B3AB565P	Nikhil R	Second	Yes	On Campus
Pilani	2017-18	2013B3AB621P	Ketul Mathuria	Second	No	NA
Pilani	2017-18	2013B3AB653P	HemanshuAnirudha Kale	Second	Yes	On Campus
Pilani	2017-18	2013B3AB754P	Janesh Singla	Second	Yes	On Campus
Pilani	2017-18	2013B3AB756P	Akshay Kulkarni	Second	No	NA
Pilani	2017-18	2013B3PS591P	Vishnu Tella	First	No	NA
Pilani	2017-18	2013B4A1211P	Tanuj Arora	Second	Yes	On Campus
Pilani	2017-18	2013B4A1385P	Kartik Kochhar	Second	No	NA

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017- 18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Pilani	2017-18	2013B4A1773P	Parul Behl	Second	Yes	On Campus
Pilani	2017-18	2013B4A1786P	Ankur Kumar	Second	Yes	On Campus
Pilani	2017-18	2013B4A1795P	Aayush Gupta	Second	Yes	On Campus
Pilani	2017-18	2013B4A2760P	Sneha	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B4A2790P	Kunal Bansal	Second	Yes	On Campus
Pilani	2017-18	2013B4A3503P	Ankit Dube	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B4A3619P	ShivaniDeepak Choudhary	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B4A3744P	Lakshit Agrawal	First	Yes	On Campus
Pilani	2017-18	2013B4A3762P	Shambhavi Verma	Second	Yes	On Campus
Pilani	2017-18	2013B4A3765P	Devraj Palit	First	Yes	On Campus
Pilani	2017-18	2013B4A3778P	Nikita Bisht	Second	Yes	On Campus
Pilani	2017-18	2013B4A3781P	Atharv Gupta	Second	Yes	On Campus
Pilani	2017-18	2013B4A3794P	Diksha Garg	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B4A4471P	ShubhamShyamsunder Choudhari	Second	Yes	On Campus
Pilani	2017-18	2013B4A4607P	Siddhant Jain	Second	Yes	On Campus
Pilani	2017-18	2013B4A4726P	VarunAlok Karulkar	Second	Yes	On Campus
Pilani	2017-18	2013B4A4775P	Amol Shrivastava	Second	Yes	On Campus
Pilani	2017-18	2013B4A4793P	Pranjal Mittal	Second	Yes	On Campus
Pilani	2017-18	2013B4A7097P	Sai RaghavReddy Keesara	Second	Yes	On Campus
Pilani	2017-18	2013B4A7470P	Pranjal Gupta	First	Yes	On Campus
Pilani	2017-18	2013B4A7513P	HarmeetSingh Lamba	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B4A7582P	Ketan Chandak	First	Yes	Off-Campus
Pilani	2017-18	2013B4A7586P	Jaskamal Kainth	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B4A7588P	Anmolkumar Gupta	Second	No	NA
Pilani	2017-18	2013B4A7601P	Pryanshu Arora	First	Yes	On Campus
Pilani	2017-18	2013B4A7616P	VanditArvindbhai Thakkar	First	Yes	On Campus
Pilani	2017-18	2013B4A7716P	Arjun Dabra	First	Yes	On Campus
Pilani	2017-18	2013B4A7725P	S Vivek	Second	Yes	On Campus
Pilani	2017-18	2013B4A7743P	Akul Sareen	First	Yes	On Campus
Pilani	2017-18	2013B4A7834P	Deepanshu Nagpal	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B4A8195P	Vishesh Sharma	Second	Yes	On Campus
Pilani	2017-18	2013B4A8529P	AjinkyaSanjay Gaikwad	Second	Yes	On Campus
Pilani	2017-18	2013B4A8638P	Pankit Jain	Second	Yes	On Campus
Pilani	2017-18	2013B4A8703P	Shubham Sharma	First	Yes	On Campus
Pilani	2017-18	2013B4A8739P	Shubham Kumar	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B4A8759P	Karan Gill	Second	Yes	On Campus
Pilani	2017-18	2013B4A8764P	Harshita Rajpurohit	Second	Yes	On Campus
Pilani	2017-18	2013B4A8772P	Raghav Maheshwari	Second	Yes	On Campus
Pilani	2017-18	2013B4A8796P	Salil Bhandari	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B4AB788P	RaheemuddinSameer Shaik	Second	Yes	On Campus
Pilani	2017-18	2013B5A1696P	Manish Godara	Second	Yes	On Campus
Pilani	2017-18	2013B5A1783P	Kumar Nimitt	Second	Yes	On Campus
Pilani	2017-18	2013B5A1804P	Malvika Paliwal	Second	Yes	On Campus
Pilani	2017-18	2013B5A2572P	Rahul Narula	First	No	NA
Pilani	2017-18	2013B5A2649P	Udit Prakash	Second	Yes	On Campus
Pilani	2017-18	2013B5A2791P	VidyaSagar	Second	Yes	On Campus
Pilani	2017-18	2013B5A3355P	Anirudh Venu	First	Yes	On Campus
Pilani	2017-18	2013B5A3451P	Pawan Saran	First	Yes	PPO(Summer Internship)

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017-18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Pilani	2017-18	2013B5A3467P	Vishnu Sharma	Second	Yes	On Campus
Pilani	2017-18	2013B5A3550P	Akanksha Soni	Second	Yes	On Campus
Pilani	2017-18	2013B5A3620P	Utkarsh Singh	Second	Yes	On Campus
Pilani	2017-18	2013B5A3695P	Sreeniketh H	Second	Yes	On Campus
Pilani	2017-18	2013B5A3761P	Shubhi Garg	Second	Yes	On Campus
Pilani	2017-18	2013B5A3780P	Rishabh Agarwal	First	Yes	On Campus
Pilani	2017-18	2013B5A3798P	Antarang Jain	Second	Yes	On Campus
Pilani	2017-18	2013B5A4446P	Palash Tripathi	Second	Yes	On Campus
Pilani	2017-18	2013B5A4534P	RishabhSubhash Chaure	First	No	NA
Pilani	2017-18	2013B5A4557P	Pragati Ratan	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B5A4706P	Aditya Joshi	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B5A4735P	Kunal Samar	Second	Yes	On Campus
Pilani	2017-18	2013B5A4806P	Rajshikhar Gupta	Second	Yes	On Campus
Pilani	2017-18	2013B5A4809P	Vishal	Second	Yes	On Campus
Pilani	2017-18	2013B5A4811P	Shriya Mishra	Second	No	NA
Pilani	2017-18	2013B5A7066P	Dhairya Mittal	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B5A7417P	Pranesh Anubhav	Second	Yes	PPO(PSII)
Pilani	2017-18	2013B5A7488P	AnshPramesh Shah	First	Yes	On Campus
Pilani	2017-18	2013B5A7635P	Anand Maurya	First	Yes	On Campus
Pilani	2017-18	2013B5A7664P	Arjav Nag	First	Yes	On Campus
Pilani	2017-18	2013B5A7713P	Rahul Sharma	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B5A7767P	Manish Mishra	Second	Yes	On Campus
Pilani	2017-18	2013B5A7810P	Srajan Jain	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B5A8554P	Mohammad Sheraj	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2013B5AB462P	Balavarun Pedapudi	Second	Yes	On Campus
Pilani	2017-18	2013B5AB770P	Raghav Kumar	Second	Yes	On Campus
Pilani	2017-18	2014A1PS264P	KatyayaniVenkatesetharama Sonti	First	No	NA
Pilani	2017-18	2014A1PS318P	AdityaKumar Singh	Second	Yes	On Campus
Pilani	2017-18	2014A1PS433P	BikramSingh Bisht	Second	Yes	On Campus
Pilani	2017-18	2014A1PS478P	PratapAlok Raj	Second	Yes	On Campus
Pilani	2017-18	2014A1PS481P	Ashish Agrawal	Second	Yes	On Campus
Pilani	2017-18	2014A1PS486P	Niharika Agarwal	First	Yes	Off-Campus
Pilani	2017-18	2014A1PS491P	Abhishek Tiwari	First	Yes	On Campus
Pilani	2017-18	2014A1PS494P	PakkiPremkiran Rao	Second	Yes	On Campus
Pilani	2017-18	2014A1PS495P	Prashant Jain	Second	Yes	On Campus
Pilani	2017-18	2014A1PS501P	Ankita Kumari	Second	Yes	On Campus
Pilani	2017-18	2014A1PS504P	Shivansh Mishra	Second	Yes	On Campus
Pilani	2017-18	2014A1PS505P	Prakhar Agarwal	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A1PS511P	Harsha Mohan	First	Yes	On Campus
Pilani	2017-18	2014A1PS517P	Aman Khantaaal	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A1PS531P	JohnArnold David	Second	Yes	On Campus
Pilani	2017-18	2014A1PS534P	Videhi Shah	First	Yes	Off-Campus
Pilani	2017-18	2014A1PS536P	AshutoshMadhusudan Nemani	First	Yes	On Campus
Pilani	2017-18	2014A1PS538P	Kaustubh Tripathi	Second	Yes	On Campus
Pilani	2017-18	2014A1PS543P	Rohit Choudhary	Second	Yes	On Campus
Pilani	2017-18	2014A1PS544P	Suvrasoumya Mohanty	Second	Yes	On Campus
Pilani	2017-18	2014A1PS546P	AnkurDevendra Tiwari	First	Yes	On Campus
Pilani	2017-18	2014A1PS550P	Deepak Bansal	Second	Yes	On Campus

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017- 18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Pilani	2017-18	2014A1PS557P	RayaamKishorkumar Ghosh	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A1PS559P	Tushar Gupta	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A1PS568P	Paritosh Gupta	Second	Yes	On Campus
Pilani	2017-18	2014A1PS569P	Dande Rachana	First	No	NA
Pilani	2017-18	2014A1PS572P	MdEjaz Anwar	Second	Yes	On Campus
Pilani	2017-18	2014A1PS573P	Shashwata Sinha	First	Yes	On Campus
Pilani	2017-18	2014A1PS575P	Manas Luthra	Second	Yes	On Campus
Pilani	2017-18	2014A1PS593P	Soumyashis Pradhan	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A1PS598P	Aastik Koshta	Second	Yes	On Campus
Pilani	2017-18	2014A1PS599P	Jatin Gupta	Second	Yes	Off-Campus
Pilani	2017-18	2014A1PS607P	Vipul Sharma	Second	Yes	On Campus
Pilani	2017-18	2014A1PS608P	Shubhangi Jasoriya	First	Yes	Off-Campus
Pilani	2017-18	2014A1PS609P	Shashank Saurav	Second	Yes	On Campus
Pilani	2017-18	2014A1PS613P	Suyash Kirti	Second	Yes	On Campus
Pilani	2017-18	2014A1PS617P	Shashwat Mishra	First	Yes	Off-Campus
Pilani	2017-18	2014A1PS619P	SalahuddinMd Sharib	Second	No	NA
Pilani	2017-18	2014A1PS628P	Shreya Tripathy	First	Yes	On Campus
Pilani	2017-18	2014A1PS638P	Ojaswi Panwar	Second	Yes	On Campus
Pilani	2017-18	2014A1PS646P	Atindranath Ghosh	First	No	NA
Pilani	2017-18	2014A1PS653P	Himanshu Gupta	Second	Yes	On Campus
Pilani	2017-18	2014A1PS669P	KancharlaPranay Kumar	Second	Yes	Off-Campus
Pilani	2017-18	2014A1PS670P	Lovish Batra	Second	Yes	On Campus
Pilani	2017-18	2014A1PS671P	Arnab Mitra	First	Yes	On Campus
Pilani	2017-18	2014A1PS673P	Kavisha Agrawal	First	Yes	On Campus
Pilani	2017-18	2014A1PS674P	Suyash Gairola	First	No	NA
Pilani	2017-18	2014A1PS680P	Neelansh Bhartiya	First	Yes	Off-Campus
Pilani	2017-18	2014A1PS684P	Swapnil Bhattacharya	First	Yes	Off-Campus
Pilani	2017-18	2014A1PS688P	Akshay Sharma	First	Yes	On Campus
Pilani	2017-18	2014A1PS696P	Rishabh Gupta	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A1PS698P	Jahnvi Kaushik	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A1PS699P	AkashKumar Sah	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A1PS700P	Ashay Anurag	First	Yes	On Campus
Pilani	2017-18	2014A1PS710P	Udit Totla	Second	Yes	Off-Campus
Pilani	2017-18	2014A1PS713P	Saurabh Jain	First	No	NA
Pilani	2017-18	2014A1PS728P	ShashwatShivam Jha	First	Yes	On Campus
Pilani	2017-18	2014A1PS729P	Murtaza Haidary	First	Yes	Off-Campus
Pilani	2017-18	2014A1PS734P	Rajat Bansal	Second	Yes	On Campus
Pilani	2017-18	2014A2PS293P	VenkatAshrith Jr	Second	Yes	On Campus
Pilani	2017-18	2014A2PS336P	Manish Kumar	Second	Yes	On Campus
Pilani	2017-18	2014A2PS480P	Hritik Soni	Second	Yes	On Campus
Pilani	2017-18	2014A2PS490P	IshaShyam Narsaria	Second	Yes	On Campus
Pilani	2017-18	2014A2PS496P	KollaSaran Gopal	Second	Yes	Off-Campus
Pilani	2017-18	2014A2PS497P	Suraj Rangineni	Second	Yes	On Campus
Pilani	2017-18	2014A2PS503P	Shubham Aggarwal	Second	No	NA
Pilani	2017-18	2014A2PS521P	AnkushRakesh Goyal	Second	Yes	On Campus
Pilani	2017-18	2014A2PS524P	Anurag Agrawal	First	Yes	On Campus
Pilani	2017-18	2014A2PS527P	Nikhil Garg	Second	Yes	Off-Campus
Pilani	2017-18	2014A2PS528P	Divyanshu Shankar	Second	No	NA
Pilani	2017-18	2014A2PS537P	ArunKumar Sharma	Second	Yes	On Campus
Pilani	2017-18	2014A2PS540P	Amit Kumar	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A2PS547P	AbhishekKumar Jha	Second	Yes	On Campus
Pilani	2017-18	2014A2PS554P	Rahul Jindal	Second	No	NA

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017- 18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Pilani	2017-18	2014A2PS556P	Prateek Arora	Second	Yes	On Campus
Pilani	2017-18	2014A2PS561P	Aakash Goyal	Second	Yes	On Campus
Pilani	2017-18	2014A2PS574P	Vikas Gang	Second	Yes	On Campus
Pilani	2017-18	2014A2PS580P	Mayur Gupta	Second	Yes	Off-Campus
Pilani	2017-18	2014A2PS589P	AjaykumarVeerabhadra Edara	Second	Yes	Off-Campus
Pilani	2017-18	2014A2PS595P	AbhinavSen Sharma	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A2PS601P	Tavneet Singh	Second	Yes	Off-Campus
Pilani	2017-18	2014A2PS622P	Salil Dubey	Second	Yes	On Campus
Pilani	2017-18	2014A2PS623P	Mayank Vikhona	Second	No	NA
Pilani	2017-18	2014A2PS627P	Samradh Agarwal	Second	Yes	On Campus
Pilani	2017-18	2014A2PS631P	Pradyumn Awasthi	Second	Yes	On Campus
Pilani	2017-18	2014A2PS633P	ShreyanshVijay Vergiya	Second	Yes	On Campus
Pilani	2017-18	2014A2PS634P	VedantJagdish Patil	Second	Yes	On Campus
Pilani	2017-18	2014A2PS645P	Vivek Kumar	Second	Yes	Off-Campus
Pilani	2017-18	2014A2PS661P	Hitesh Soni	Second	No	NA
Pilani	2017-18	2014A2PS675P	Anmol Rathi	Second	Yes	On Campus
Pilani	2017-18	2014A2PS682P	BharatKumar Gandhi	Second	Yes	On Campus
Pilani	2017-18	2014A2PS695P	LikilReddy Satti	Second	No	NA
Pilani	2017-18	2014A2PS714P	Pranav Anand	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A2PS720P	Shreyas Pranav	Second	Yes	On Campus
Pilani	2017-18	2014A2PS726P	Shubham Thakur	Second	Yes	On Campus
Pilani	2017-18	2014A2PS730P	Tushar Gupta	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A2PS735P	Rohit Kumar	Second	Yes	On Campus
Pilani	2017-18	2014A2PS739P	PavanVijayakrishna Pillai	Second	Yes	Off-Campus
Pilani	2017-18	2014A2PS751P	Rohit Bansal	Second	Yes	Off-Campus
Pilani	2017-18	2014A2PS763P	Vaibhav Jain	Second	Yes	On Campus
Pilani	2017-18	2014A2PS765P	Devanshu Shrivastava	First	No	NA
Pilani	2017-18	2014A2PS769P	Harsh Srivastava	First	Yes	On Campus
Pilani	2017-18	2014A2PS771P	AyushAman Gupta	First	Yes	On Campus
Pilani	2017-18	2014A2PS773P	Priyal Jain	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A2PS776P	Harsh Singhal	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A2PS781P	Ankush Kumar	Second	Yes	On Campus
Pilani	2017-18	2014A2PS782P	Piyush Kumar	First	Yes	Off-Campus
Pilani	2017-18	2014A2PS788P	Akshansh Rai	First	Yes	Off-Campus
Pilani	2017-18	2014A2PS791P	Kanishk Saxena	Second	No	NA
Pilani	2017-18	2014A2PS794P	ParthaSarathi Pandit	Second	Yes	On Campus
Pilani	2017-18	2014A3PS002P	Tripti Tripathi	Second	Yes	On Campus
Pilani	2017-18	2014A3PS006P	Abhinav Rawat	Second	Yes	On Campus
Pilani	2017-18	2014A3PS014P	Mandeep	First	Yes	On Campus
Pilani	2017-18	2014A3PS089P	Shreyesh D	First	Yes	On Campus
Pilani	2017-18	2014A3PS158P	ChamarthyKhanoj Varma	Second	No	NA
Pilani	2017-18	2014A3PS159P	BhupathiHyndava Bhargav	Second	Yes	Off-Campus
Pilani	2017-18	2014A3PS161P	Vaibhav Singh	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS162P	Vedant Pathak	Second	Yes	On Campus
Pilani	2017-18	2014A3PS164P	Satyam Sinha	First	Yes	On Campus
Pilani	2017-18	2014A3PS166P	VemaTeja Krishna	First	Yes	On Campus
Pilani	2017-18	2014A3PS171P	Shashank R	First	Yes	On Campus
Pilani	2017-18	2014A3PS172P	AnandMahadevan Ss	First	Yes	On Campus
Pilani	2017-18	2014A3PS173P	KandavalliVenkatateja Manohar	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS174P	VishvShrava Sharma	Second	Yes	On Campus
Pilani	2017-18	2014A3PS177P	ChaitanyaPramod Gadodia	Second	Yes	On Campus
Pilani	2017-18	2014A3PS178P	Siddharth Gupta	First	Yes	On Campus

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Pilani	2017-18	2014A3PS181P	Manish Sharma	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS182P	GowtamChandrasahsa Jetti	Second	Yes	On Campus
Pilani	2017-18	2014A3PS184P	Anant Anurag	Second	Yes	On Campus
Pilani	2017-18	2014A3PS186P	Shrey Jain	Second	Yes	On Campus
Pilani	2017-18	2014A3PS187P	AmeyaMahesh Dhamanaskar	Second	Yes	On Campus
Pilani	2017-18	2014A3PS189P	KakulapatiVenkatesha Rohit	Second	Yes	On Campus
Pilani	2017-18	2014A3PS190P	AkshayGopalkrishna Gattani	Second	Yes	On Campus
Pilani	2017-18	2014A3PS191P	SrinivasChowdary Vemula	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS192P	SaiYashwanth Kancherla	Second	Yes	On Campus
Pilani	2017-18	2014A3PS194P	Vaibhav Gupta	Second	Yes	On Campus
Pilani	2017-18	2014A3PS196P	Shashank Shekhar	First	Yes	Off-Campus
Pilani	2017-18	2014A3PS197P	YashwanthBhargav Boddu	Second	No	NA
Pilani	2017-18	2014A3PS199P	Ravindra Goyal	Second	Yes	On Campus
Pilani	2017-18	2014A3PS200P	Nikhil Verma	First	Yes	On Campus
Pilani	2017-18	2014A3PS202P	Mayank Pandey	First	Yes	On Campus
Pilani	2017-18	2014A3PS203P	Manasa Pudipeddi	Second	Yes	On Campus
Pilani	2017-18	2014A3PS205P	Sampath Kethineedi	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS206P	BhaveshKumar Daryani	Second	Yes	On Campus
Pilani	2017-18	2014A3PS210P	Shubham Shandilya	First	Yes	PPO (Summer Internship)
Pilani	2017-18	2014A3PS214P	Amit Singh	Second	Yes	On Campus
Pilani	2017-18	2014A3PS217P	Sarthak Garg	Second	Yes	On Campus
Pilani	2017-18	2014A3PS218P	Praveen Kumar	Second	Yes	On Campus
Pilani	2017-18	2014A3PS219P	Siddharth Kannan	First	Yes	On Campus
Pilani	2017-18	2014A3PS224P	Sagar Seth	Second	Yes	On Campus
Pilani	2017-18	2014A3PS225P	Deepankar Jain	Second	Yes	On Campus
Pilani	2017-18	2014A3PS228P	KiranShantinath Dhamane	Second	Yes	On Campus
Pilani	2017-18	2014A3PS229P	Prince Goyal	First	Yes	On Campus
Pilani	2017-18	2014A3PS232P	Shivanshu Dwivedi	Second	Yes	On Campus
Pilani	2017-18	2014A3PS235P	Anant Rungta	Second	No	NA
Pilani	2017-18	2014A3PS236P	Rahul Singla	First	Yes	On Campus
Pilani	2017-18	2014A3PS237P	Sidharth Talwar	First	Yes	On Campus
Pilani	2017-18	2014A3PS240P	Arnav Kundra	First	Yes	PPO (Summer Internship)
Pilani	2017-18	2014A3PS241P	Akash Chintha	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS242P	Haroon Faisal	First	Yes	On Campus
Pilani	2017-18	2014A3PS243P	ChinmayMadhukar Patil	Second	Yes	On Campus
Pilani	2017-18	2014A3PS244P	Nishant Poonia	Second	Yes	On Campus
Pilani	2017-18	2014A3PS246P	Vima Gupta	Second	Yes	On Campus
Pilani	2017-18	2014A3PS247P	Rishab Sehra	First	Yes	PPO (Summer Internship)
Pilani	2017-18	2014A3PS250P	AdarshKumar Sadhukha	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS251P	BinduPriya Kalathuru	First	Yes	Off-Campus
Pilani	2017-18	2014A3PS252P	KaransinhaJitendra Patil	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS253P	Ayush Sawarni	First	Yes	On Campus
Pilani	2017-18	2014A3PS255P	Abhinandan Agrawal	Second	Yes	On Campus
Pilani	2017-18	2014A3PS256P	Hariharan Subramanian	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS257P	Abhishek Lalwani	Second	Yes	On Campus
Pilani	2017-18	2014A3PS262P	Nikhil Vinay Sharma	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS263P	Syed Abdus Sattar	Second	Yes	Off-Campus

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Pilani	2017-18	2014A3PS267P	SanjanaAtul Patil	Second	Yes	On Campus
Pilani	2017-18	2014A3PS268P	Garvit Agrawal	Second	Yes	On Campus
Pilani	2017-18	2014A3PS269P	AdityaSanjay Torane	Second	Yes	On Campus
Pilani	2017-18	2014A3PS270P	Neville Jose	Second	Yes	On Campus
Pilani	2017-18	2014A3PS271P	MandarWaman Khapekar	First	Yes	On Campus
Pilani	2017-18	2014A3PS272P	Ishant Goel	First	Yes	On Campus
Pilani	2017-18	2014A3PS274P	Sarthak Jain	First	Yes	On Campus
Pilani	2017-18	2014A3PS275P	Kartikesh Shahi	First	Yes	On Campus
Pilani	2017-18	2014A3PS276P	Harshit Gupta	First	No	NA
Pilani	2017-18	2014A3PS277P	Ankur Sharma	First	Yes	On Campus
Pilani	2017-18	2014A3PS278P	AllaGopi Karath	Second	Yes	On Campus
Pilani	2017-18	2014A3PS279P	PatnalaBhanu Teja	Second	Yes	On Campus
Pilani	2017-18	2014A3PS281P	Abhi Jain	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A3PS286P	Ayush Dubey	Second	Yes	On Campus
Pilani	2017-18	2014A3PS291P	SaurabhSingh Sidhu	Second	Yes	On Campus
Pilani	2017-18	2014A3PS292P	KunchaKrishna Sai	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS295P	Akhil Jaini	First	Yes	On Campus
Pilani	2017-18	2014A3PS296P	Aditya Manglik	First	Yes	On Campus
Pilani	2017-18	2014A3PS299P	Arvind Kr	Second	Yes	Off-Campus
Pilani	2017-18	2014A3PS300P	Tanmay Utkarsh	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A3PS301P	Srishti Jain	Second	Yes	On Campus
Pilani	2017-18	2014A3PS303P	Shubham Gupta	First	Yes	On Campus
Pilani	2017-18	2014A3PS305P	Devesh Nag	Second	Yes	On Campus
Pilani	2017-18	2014A3PS306P	SamavedamManikhanta Praphul	Second	Yes	On Campus
Pilani	2017-18	2014A3PS307P	ShashwatNataraj Kn	Second	Yes	On Campus
Pilani	2017-18	2014A4PS012P	SourabhSingh Panwar	Second	Yes	On Campus
Pilani	2017-18	2014A4PS015P	Ravish Kumar	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS165P	HimanshuAshish Agrawal	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS183P	Prateek Bothra	Second	Yes	On Campus
Pilani	2017-18	2014A4PS198P	Bishal Praharaj	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS207P	Mintoo Rai	Second	Yes	On Campus
Pilani	2017-18	2014A4PS209P	TaranpalSingh Bedi	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS223P	JohaanGeorge Koshy	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS226P	TanikondaVenkatesh	Second	No	NA
Pilani	2017-18	2014A4PS233P	VenkataSainaveen Karnam	Second	No	NA
Pilani	2017-18	2014A4PS234P	Bastin Jose	First	No	NA
Pilani	2017-18	2014A4PS265P	Mohit Rathi	First	Yes	On Campus
Pilani	2017-18	2014A4PS273P	Mohanish Goel	First	No	NA
Pilani	2017-18	2014A4PS289P	MaharshiKamesh Mehta	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A4PS294P	SukritTekumalla Rao	Second	Yes	On Campus
Pilani	2017-18	2014A4PS312P	Aseem Sindwani	First	Yes	On Campus
Pilani	2017-18	2014A4PS315P	Parikshit Agrawal	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A4PS317P	Ritesh Yadav	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS320P	SriChaitanya Sambangi	Second	Yes	On Campus
Pilani	2017-18	2014A4PS322P	Aman Pratik	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS323P	Shombit Dhar	Second	Yes	On Campus
Pilani	2017-18	2014A4PS325P	Ronit Khatua	Second	Yes	On Campus
Pilani	2017-18	2014A4PS326P	AkulGoutham Iyappan	Second	Yes	On Campus
Pilani	2017-18	2014A4PS327P	KalyanManisai Metta	Second	Yes	On Campus

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Pilani	2017-18	2014A4PS330P	Varun Mahesh	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS333P	GauravShikhar Gandhi	Second	Yes	On Campus
Pilani	2017-18	2014A4PS334P	GangulaTirugula Prajapati	First	No	NA
Pilani	2017-18	2014A4PS337P	AkhilKumar Maddula	Second	Yes	On Campus
Pilani	2017-18	2014A4PS338P	Sarthak Bisht	Second	Yes	On Campus
Pilani	2017-18	2014A4PS340P	NeelDharmendra Khakhar	First	Yes	On Campus
Pilani	2017-18	2014A4PS341P	Rohan Singh	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS342P	Tanmay Saxena	Second	Yes	On Campus
Pilani	2017-18	2014A4PS343P	Abhinav Gupta	First	Yes	On Campus
Pilani	2017-18	2014A4PS353P	Ravish Chandna	Second	Yes	On Campus
Pilani	2017-18	2014A4PS360P	Abhishek Tandon	Second	Yes	On Campus
Pilani	2017-18	2014A4PS361P	Jyotiroop Das	Second	Yes	On Campus
Pilani	2017-18	2014A4PS364P	Siddharth Sen	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS366P	AniketAjay Lad	First	Yes	On Campus
Pilani	2017-18	2014A4PS368P	Anirudh Mittal	First	Yes	On Campus
Pilani	2017-18	2014A4PS374P	Vasu Sharma	Second	Yes	Off-Campus
Pilani	2017-18	2014A4PS377P	Aayush Agarwal	Second	Yes	On Campus
Pilani	2017-18	2014A4PS378P	Aditya Relhan	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS380P	Harshal Gupta	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS381P	Saicharan Balamurali	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A4PS382P	SaadAli Soherwordi	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS385P	Baji Marthi	First	No	NA
Pilani	2017-18	2014A4PS386P	VishweshRavi Shrimali	Second	Yes	On Campus
Pilani	2017-18	2014A4PS387P	Nikhil Bhatt	Second	Yes	On Campus
Pilani	2017-18	2014A4PS390P	Pranav Bhatt	Second	Yes	On Campus
Pilani	2017-18	2014A4PS391P	Shobhan Panda	Second	Yes	On Campus
Pilani	2017-18	2014A4PS392P	Himanshu Sharma	Second	Yes	On Campus
Pilani	2017-18	2014A4PS398P	Rohit Ganapathy	Second	Yes	On Campus
Pilani	2017-18	2014A4PS403P	Abhijith Unnikrishnan	Second	Yes	On Campus
Pilani	2017-18	2014A4PS405P	Harsh Sharma	First	Yes	On Campus
Pilani	2017-18	2014A4PS406P	Siddharth	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A4PS407P	ArnabKumar Panda	Second	Yes	On Campus
Pilani	2017-18	2014A4PS409P	Varun Tripathi	Second	Yes	On Campus
Pilani	2017-18	2014A4PS413P	Drona Nawal	Second	Yes	On Campus
Pilani	2017-18	2014A4PS415P	Abhinav Modi	First	No	NA
Pilani	2017-18	2014A4PS416P	MohammedSaifee Pahadwala	Second	Yes	On Campus
Pilani	2017-18	2014A4PS420P	Pranjali Agrawal	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS427P	Abhishek Singhvi	First	Yes	Off-Campus
Pilani	2017-18	2014A4PS488P	Shashank Kushwaha	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A4PS780P	Varun Kaushik	First	Yes	On Campus
Pilani	2017-18	2014A5PS036P	Vivek Sharma	Second	Yes	On Campus
Pilani	2017-18	2014A5PS067P	Arjun Mahendru	Second	Yes	On Campus
Pilani	2017-18	2014A5PS068P	Satyanarayan Patel	Second	Yes	On Campus
Pilani	2017-18	2014A5PS124P	Nina Jain	Second	Yes	On Campus
Pilani	2017-18	2014A5PS211P	Mohit Gupta	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A5PS266P	Anushka Ghosh	Second	Yes	On Campus
Pilani	2017-18	2014A5PS283P	Ayush Rathore	Second	Yes	Off-Campus
Pilani	2017-18	2014A5PS285P	AnkitGirish Joshi	Second	Yes	On Campus
Pilani	2017-18	2014A5PS298P	Ronanki Srigouri	Second	Yes	On Campus
Pilani	2017-18	2014A5PS316P	Priyanshi Batra	Second	Yes	On Campus

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Pilani	2017-18	2014A5PS354P	Abhishek Bansal	Second	Yes	Off-Campus
Pilani	2017-18	2014A5PS376P	Aishwarya Nigam	Second	Yes	On Campus
Pilani	2017-18	2014A5PS393P	Vaibhav	Second	No	NA
Pilani	2017-18	2014A5PS429P	Pranav Prakash	Second	Yes	Off-Campus
Pilani	2017-18	2014A5PS430P	Nikita Srivastava	Second	No	NA
Pilani	2017-18	2014A5PS452P	Divyansh Paharia	Second	Yes	On Campus
Pilani	2017-18	2014A5PS476P	Himanshu Singh	Second	Yes	On Campus
Pilani	2017-18	2014A5PS489P	Nandini Khanna	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A5PS499P	Pragya Sharma	Second	Yes	On Campus
Pilani	2017-18	2014A5PS520P	Aditya Deswal	Second	Yes	On Campus
Pilani	2017-18	2014A5PS523P	ShivaniShishir Taskar	First	Yes	Off-Campus
Pilani	2017-18	2014A5PS548P	Akash Singh	Second	Yes	On Campus
Pilani	2017-18	2014A5PS551P	KaushikRamesh Iyengar	Second	Yes	On Campus
Pilani	2017-18	2014A5PS553P	Deeksha Khanna	Second	Yes	On Campus
Pilani	2017-18	2014A5PS612P	Siddharth Kaushal	Second	Yes	Off-Campus
Pilani	2017-18	2014A5PS621P	Rituparna Praharaj	Second	Yes	On Campus
Pilani	2017-18	2014A5PS635P	Rahul Udhwani	Second	Yes	On Campus
Pilani	2017-18	2014A5PS639P	Nivya Sharma	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A5PS668P	Vaibhav Sawlani	Second	Yes	On Campus
Pilani	2017-18	2014A5PS712P	Rashi Pansari	Second	No	NA
Pilani	2017-18	2014A5PS775P	Meghna Goyal	Second	Yes	Off-Campus
Pilani	2017-18	2014A5PS792P	Rohan Agarwal	First	No	NA
Pilani	2017-18	2014A5PS816P	Kush Gupta	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A5PS818P	Ayush Vijayvargia	Second	Yes	On Campus
Pilani	2017-18	2014A5PS824P	Harshit Nunia	Second	Yes	Off-Campus
Pilani	2017-18	2014A5PS843P	Anannya Sircar	Second	No	NA
Pilani	2017-18	2014A7PS003P	Asha Koteru	Second	Yes	On Campus
Pilani	2017-18	2014A7PS004P	Rupasmita Devi	Second	Yes	On Campus
Pilani	2017-18	2014A7PS005P	FaizanMushtaq	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS010P	Muskaan Verma	Second	Yes	On Campus
Pilani	2017-18	2014A7PS011P	Debopriya Shukla	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS013P	Supriya Aggarwal	First	Yes	Off-Campus
Pilani	2017-18	2014A7PS018P	Paritosh Verma	First	Yes	On Campus
Pilani	2017-18	2014A7PS020P	ManojSai Kadiyala	Second	Yes	On Campus
Pilani	2017-18	2014A7PS021P	Aasish Rampalli	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS022P	JaikumarR Balani	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS023P	DaivikRakesh Nema	First	Yes	On Campus
Pilani	2017-18	2014A7PS024P	AkhilKumar Agrawal	Second	Yes	On Campus
Pilani	2017-18	2014A7PS025P	Siddharth Agarwal	First	Yes	On Campus
Pilani	2017-18	2014A7PS026P	Abhishek Gupta	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS028P	Bhuvnesh Jain	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS029P	Piyush Goyal	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS031P	ShivKumar Khandagale	Second	Yes	On Campus
Pilani	2017-18	2014A7PS032P	Mallikarjun Swamy	First	Yes	On Campus
Pilani	2017-18	2014A7PS033P	Chirag Agarwal	First	Yes	On Campus
Pilani	2017-18	2014A7PS035P	Akshit Chopra	First	Yes	On Campus
Pilani	2017-18	2014A7PS037P	Kalyan Devanaboyina	Second	Yes	On Campus
Pilani	2017-18	2014A7PS039P	Shivam Agarwal	Second	Yes	On Campus

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Pilani	2017-18	2014A7PS040P	Saksham Nagar	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS041P	Sanjog Yadav	First	Yes	On Campus
Pilani	2017-18	2014A7PS042P	Aman Agarwal	Second	Yes	On Campus
Pilani	2017-18	2014A7PS043P	Vaibhav Beriwala	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS044P	LalitKiran Naidu	Second	Yes	On Campus
Pilani	2017-18	2014A7PS045P	Ishaan Aggarwal	Second	Yes	On Campus
Pilani	2017-18	2014A7PS046P	ShrikantSushil Sharda	Second	Yes	On Campus
Pilani	2017-18	2014A7PS047P	Prateek Jain	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS049P	AbhinavRadheshyam Tiwari	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS050P	Gunjan Aggarwal	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS051P	Maaz Mombasawala	First	Yes	On Campus
Pilani	2017-18	2014A7PS052P	Nishant Bansal	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS053P	Suyash Kumar	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS055P	Jasti Brahmarsi	Second	Yes	On Campus
Pilani	2017-18	2014A7PS056P	Vishal Patil	Second	Yes	On Campus
Pilani	2017-18	2014A7PS060P	SubhashKumar Samota	First	Yes	On Campus
Pilani	2017-18	2014A7PS061P	PrernaRamesh Bhatia	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS063P	Aamod Kharb	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS064P	RudraPratap Singh	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS065P	Rishabh Garg	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS066P	Shivam Gupta	First	Yes	On Campus
Pilani	2017-18	2014A7PS069P	DevanshKamlesh Patel	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS070P	Ankit Sultana	Second	Yes	On Campus
Pilani	2017-18	2014A7PS071P	ShivamDeepak Mantri	Second	Yes	On Campus
Pilani	2017-18	2014A7PS072P	Abhishek Rajesh Parekh	Second	Yes	On Campus
Pilani	2017-18	2014A7PS073P	Vishal Arya	First	Yes	On Campus
Pilani	2017-18	2014A7PS075P	C Hemanth	Second	Yes	On Campus
Pilani	2017-18	2014A7PS076P	Shavak Agrawal	First	Yes	On Campus
Pilani	2017-18	2014A7PS077P	Akshit Johry	First	Yes	On Campus
Pilani	2017-18	2014A7PS078P	HarshidBhimsen Wasekar	Second	Yes	On Campus
Pilani	2017-18	2014A7PS081P	AnirudhKumar Bansal	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS082P	Rahul Banerji	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS084P	SaiKrishna Tunuguntla	Second	Yes	On Campus
Pilani	2017-18	2014A7PS085P	Tushar Agarwal	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS086P	Mandalam Karan	Second	Yes	On Campus
Pilani	2017-18	2014A7PS088P	Manik Bhandari	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS092P	Sugam Garg	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS093P	Divakar Verma	Second	Yes	On Campus
Pilani	2017-18	2014A7PS095P	Lakshit Bhutani	First	Yes	On Campus
Pilani	2017-18	2014A7PS098P	MihirSharad Saxena	First	Yes	On Campus
Pilani	2017-18	2014A7PS099P	SmitManish Patwa	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS100P	Naman Jain	Second	Yes	PPO(PSII)

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Pilani	2017-18	2014A7PS101P	Harshit Jain	Second	Yes	On Campus
Pilani	2017-18	2014A7PS102P	Rishabh Joshi	First	Yes	On Campus
Pilani	2017-18	2014A7PS103P	Neeraj Varshney	First	Yes	On Campus
Pilani	2017-18	2014A7PS104P	Akanksha Dara	Second	Yes	On Campus
Pilani	2017-18	2014A7PS105P	Ishaan Negi	Second	Yes	On Campus
Pilani	2017-18	2014A7PS110P	Indrajeet Mishra	First	Yes	On Campus
Pilani	2017-18	2014A7PS111P	Mayank Agarwal	First	Yes	On Campus
Pilani	2017-18	2014A7PS112P	VineelKumar Vusa	Second	Yes	On Campus
Pilani	2017-18	2014A7PS113P	Vidhi Jain	First	Yes	On Campus
Pilani	2017-18	2014A7PS114P	Arpit Panda	First	Yes	Off-Campus
Pilani	2017-18	2014A7PS115P	Shikhar Sharma	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS116P	AbhishekIsaac Bandaru	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS117P	ManochandraMenni	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS118P	KomalSai Barri	Second	Yes	On Campus
Pilani	2017-18	2014A7PS119P	AshwinLalit Daswani	Second	Yes	On Campus
Pilani	2017-18	2014A7PS120P	Aveepshito Mitra	Second	Yes	On Campus
Pilani	2017-18	2014A7PS121P	Subham Kumar	First	Yes	On Campus
Pilani	2017-18	2014A7PS123P	Ramakrishna Chilaka	Second	Yes	On Campus
Pilani	2017-18	2014A7PS125P	Kaustubh Sharma	Second	Yes	On Campus
Pilani	2017-18	2014A7PS126P	HarishReddy Anumula	Second	Yes	On Campus
Pilani	2017-18	2014A7PS127P	PavanKumar P Savanur	Second	Yes	On Campus
Pilani	2017-18	2014A7PS128P	Gaurang Bansal	First	Yes	On Campus
Pilani	2017-18	2014A7PS129P	Aman Garg	Second	Yes	On Campus
Pilani	2017-18	2014A7PS130P	Eklavya Sharma	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS131P	ShreyasSunder Shetty	Second	Yes	On Campus
Pilani	2017-18	2014A7PS132P	Divish Dayal	Second	Yes	On Campus
Pilani	2017-18	2014A7PS134P	Anoop Garlapati	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS136P	Divyansh Gupta	Second	Yes	On Campus
Pilani	2017-18	2014A7PS139P	Anuraag Bathula	Second	Yes	On Campus
Pilani	2017-18	2014A7PS140P	ManoVihari Kondle	Second	Yes	Off-Campus
Pilani	2017-18	2014A7PS141P	Rishabh Mittar	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS142P	Ayan Gupta	Second	Yes	On Campus
Pilani	2017-18	2014A7PS143P	ShubhamRahul Nagaria	First	Yes	On Campus
Pilani	2017-18	2014A7PS144P	DarshitManish Khajanchi	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS145P	Abhishek Teotia	First	Yes	On Campus
Pilani	2017-18	2014A7PS146P	Shivesh Ganju	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS147P	Shreya Chaturvedi	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS148P	AmeyDipak Agrawal	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS149P	AbhiramVivek Shastri	Second	Yes	On Campus
Pilani	2017-18	2014A7PS151P	VijayM Giri	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS152P	JaspreetSingh Ahluwalia	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS154P	Divanshu Aggarwal	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A7PS155P	Pranav Sood	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS157P	Pulkit Gupta	First	Yes	On Campus
Pilani	2017-18	2014A7PS160P	KaranDeep Batra	First	Yes	PPO(Summer Internship)

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Pilani	2017-18	2014A7PS163P	Hiresh Gupta	First	Yes	On Campus
Pilani	2017-18	2014A7PS248P	DeepDilip Vyas	First	Yes	On Campus
Pilani	2017-18	2014A7PS335P	Abhinav Gupta	First	Yes	On Campus
Pilani	2017-18	2014A7PS453P	Raghav Mantri	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A7PS742P	Raghav Bhartia	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A8PS254P	HarshitaPrabha	Second	Yes	On Campus
Pilani	2017-18	2014A8PS259P	Kalpiti Munot	Second	Yes	On Campus
Pilani	2017-18	2014A8PS313P	Khushal Bansal	Second	Yes	On Campus
Pilani	2017-18	2014A8PS321P	Bolla Reshma	Second	Yes	On Campus
Pilani	2017-18	2014A8PS324P	Cheral Khandeliya	Second	Yes	On Campus
Pilani	2017-18	2014A8PS332P	Prangav Singhal	Second	Yes	On Campus
Pilani	2017-18	2014A8PS351P	ReehanRajan Shah	First	Yes	On Campus
Pilani	2017-18	2014A8PS355P	Himanshu Gupta	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A8PS356P	Nishant Khosla	First	Yes	On Campus
Pilani	2017-18	2014A8PS359P	Kanika Gupta	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2014A8PS372P	ChaitanyaDeepak Malpe	Second	Yes	On Campus
Pilani	2017-18	2014A8PS379P	NisanthVarma Tirumalaraju	Second	No	NA
Pilani	2017-18	2014A8PS394P	Shubham Chawla	Second	Yes	On Campus
Pilani	2017-18	2014A8PS395P	Vishak Reviraj	Second	Yes	On Campus
Pilani	2017-18	2014A8PS396P	RaunaqNandy Majumdar	First	Yes	On Campus
Pilani	2017-18	2014A8PS397P	Vivek Gupta	Second	Yes	On Campus
Pilani	2017-18	2014A8PS399P	Harsh Nijhawan	Second	Yes	On Campus
Pilani	2017-18	2014A8PS400P	Devbrat Srivastava	Second	Yes	On Campus
Pilani	2017-18	2014A8PS402P	Shivani Mittal	Second	Yes	On Campus
Pilani	2017-18	2014A8PS412P	Mayur Mahajan	First	Yes	On Campus
Pilani	2017-18	2014A8PS419P	Kush Agarwal	First	Yes	On Campus
Pilani	2017-18	2014A8PS423P	Puneet Keshtwal	Second	Yes	On Campus
Pilani	2017-18	2014A8PS431P	EkmunSingh Gulati	Second	Yes	On Campus
Pilani	2017-18	2014A8PS432P	SamarthKaushik Shah	First	Yes	On Campus
Pilani	2017-18	2014A8PS434P	Rishabh Sharma	First	Yes	On Campus
Pilani	2017-18	2014A8PS436P	Manisha Jha	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A8PS437P	Kaushal Nahata	Second	Yes	On Campus
Pilani	2017-18	2014A8PS438P	KamalKumar Joshi	Second	Yes	On Campus
Pilani	2017-18	2014A8PS439P	YogeswaraReddy Maguluri	Second	Yes	On Campus
Pilani	2017-18	2014A8PS440P	VedDhirendra Purohit	Second	Yes	On Campus
Pilani	2017-18	2014A8PS441P	Aditya Ukarande	First	Yes	On Campus
Pilani	2017-18	2014A8PS442P	MilaanGovardhan Vigraham	Second	Yes	On Campus
Pilani	2017-18	2014A8PS443P	Aayush Gupta	First	Yes	On Campus
Pilani	2017-18	2014A8PS444P	Srishti Khatri	Second	Yes	On Campus
Pilani	2017-18	2014A8PS445P	Eshan Tyagi	First	Yes	On Campus
Pilani	2017-18	2014A8PS446P	Tarun Bedi	First	Yes	On Campus
Pilani	2017-18	2014A8PS447P	Nikita Sahasrabuddhe	First	Yes	On Campus
Pilani	2017-18	2014A8PS448P	DivyaAnand Sinha	First	Yes	Off-Campus
Pilani	2017-18	2014A8PS449P	Kavish Bathija	Second	Yes	On Campus
Pilani	2017-18	2014A8PS450P	Prakhar Srivastav	First	Yes	On Campus
Pilani	2017-18	2014A8PS454P	Aashish Richhariya	First	Yes	On Campus
Pilani	2017-18	2014A8PS456P	Karthik Prabhu	Second	Yes	On Campus
Pilani	2017-18	2014A8PS457P	Abhishek Sahu	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A8PS458P	Shubham Srivastava	Second	Yes	On Campus

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Pilani	2017-18	2014A8PS459P	Mrinal Lather	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A8PS460P	Kshitiz Parashar	Second	Yes	On Campus
Pilani	2017-18	2014A8PS461P	Divy Saxena	Second	Yes	On Campus
Pilani	2017-18	2014A8PS464P	Sagnik Majumder	First	Yes	On Campus
Pilani	2017-18	2014A8PS467P	Naman Sehgal	Second	Yes	On Campus
Pilani	2017-18	2014A8PS469P	PrithviSankar	First	Yes	Off-Campus
Pilani	2017-18	2014A8PS471P	Manish Agrawal	Second	Yes	On Campus
Pilani	2017-18	2014A8PS474P	Hrithik Piyush	First	Yes	On Campus
Pilani	2017-18	2014A8PS475P	HarshSharadbhai Patel	Second	Yes	On Campus
Pilani	2017-18	2014A8PS477P	Shubham Gupta	Second	Yes	PPO(PSII)
Pilani	2017-18	2014A8PS522P	Naman Gupta	First	Yes	On Campus
Pilani	2017-18	2014A8PS701P	Rahul Agrawal	First	Yes	On Campus
Pilani	2017-18	2014ABPS109P	AnandMohan Yadav	First	No	NA
Pilani	2017-18	2014ABPS483P	AjitPrabhakar Pol	Second	Yes	On Campus
Pilani	2017-18	2014ABPS498P	Vivek Prakash	Second	Yes	On Campus
Pilani	2017-18	2014ABPS570P	Gaurav Data	Second	Yes	On Campus
Pilani	2017-18	2014ABPS578P	Jay Gada	First	Yes	Off-Campus
Pilani	2017-18	2014ABPS662P	Prabhsimran Singh	Second	Yes	On Campus
Pilani	2017-18	2014ABPS676P	Jay Jodiwal	First	Yes	On Campus
Pilani	2017-18	2014ABPS736P	Tushar Sharma	Second	Yes	On Campus
Pilani	2017-18	2014ABPS759P	Saksham Bhatia	First	Yes	On Campus
Pilani	2017-18	2014ABPS766P	PranavKumar Nema	First	Yes	On Campus
Pilani	2017-18	2014ABPS828P	Vishal Devabhaktuni	Second	No	NA
Pilani	2017-18	2014ABPS834P	PankajKumar Agarwal	First	Yes	On Campus
Pilani	2017-18	2014ABPS837P	SachinKumar Kiran	Second	Yes	On Campus
Pilani	2017-18	2014ABPS839P	Siddharth Singhal	Second	Yes	On Campus
Pilani	2017-18	2014ABPS842P	Jose Joseph	First	Yes	On Campus
Pilani	2017-18	2014ABPS847P	Nilesh Naraniwal	Second	Yes	On Campus
Pilani	2017-18	2014ABPS851P	Devesh Gombar	First	Yes	PPO (Summer Internship)
Pilani	2017-18	2014ABPS855P	Rishabh Gupta	First	Yes	On Campus
Pilani	2017-18	2014ABPS859P	Abhishek Singh	Second	No	NA
Pilani	2017-18	2014ABPS862P	Ramandeep Singh	First	Yes	Off-Campus
Pilani	2017-18	2014ABPS865P	Pranjal Singhal	Second	Yes	On Campus
Pilani	2017-18	2014ABPS868P	Milind Rastogi	First	No	NA
Pilani	2017-18	2014ABPS870P	HarshalViraj Shah	Second	Yes	Off-Campus
Pilani	2017-18	2014ABPS871P	Rajdeep Chamaria	Second	Yes	On Campus
Pilani	2017-18	2014ABPS883P	HarrshitM Kansal	Second	Yes	PPO(PSII)
Pilani	2017-18	2014ABPS884P	RuchirAshok Khandelwal	Second	Yes	On Campus
Pilani	2017-18	2014ABPS886P	AtleyValiaveetil George	Second	Yes	PPO(PSII)
Pilani	2017-18	2014ABPS887P	Navdeep Bansal	Second	Yes	On Campus
Pilani	2017-18	2014ABPS891P	Daman Singh	Second	Yes	On Campus
Pilani	2017-18	2014ABPS892P	RushabhSanjay Khattri	Second	Yes	On Campus
Pilani	2017-18	2014ABPS894P	Geet Behera	First	Yes	Off-Campus
Pilani	2017-18	2014ABPS895P	Aviral Gupta	First	Yes	On Campus
Pilani	2017-18	2014ABPS896P	Ninkesh Neema	Second	Yes	On Campus
Pilani	2017-18	2014ABTS786P	Shubham Shukla	Second	Yes	Off-Campus
Pilani	2017-18	2014B1TS969P	Sneha Mahesh	First	No	NA
Pilani	2017-18	2014B1TS970P	OmPrakash Saini	Second	No	NA
Pilani	2017-18	2014B2TS965P	Smiti Yadav	First	Yes	On Campus
Pilani	2017-18	2014B3PS630P	Aditi Sinha	First	Yes	Off-Campus

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Pilani	2017-18	2014B3PS649P	KaranSunil Mantri	Second	Yes	PPO(PSII)
Pilani	2017-18	2014B3TS954P	Bhawini Agarwal	Second	Yes	Off-Campus
Pilani	2017-18	2014B3TS961P	Ananya Dhaka	Second	Yes	PPO(PSII)
Pilani	2017-18	2014B3TS962P	LinuP Saji	Second	Yes	On Campus
Pilani	2017-18	2014B3TS963P	Parth Dogra	Second	No	NA
Pilani	2017-18	2014B4TS948P	AmandeepSingh Mallan	Second	Yes	On Campus
Pilani	2017-18	2014B4TS950P	Chankit Goyal	Second	Yes	On Campus
Pilani	2017-18	2014B4TS960P	Ashwin Gurunarayanan	Second	Yes	On Campus
Pilani	2017-18	2014B4TS966P	Manan Singhal	Second	Yes	Off-Campus
Pilani	2017-18	2014B4TS974P	Anupriya Beniwal	Second	Yes	Off-Campus
Pilani	2017-18	2014B5PS482P	Abhishek Sethi	Second	Yes	On Campus
Pilani	2017-18	2014B5TS958P	Aarushee Rangra	Second	No	NA
Pilani	2017-18	2014B5TS959P	Reetika Srivastava	Second	Yes	PPO(PSII)
Pilani	2017-18	2014B5TS967P	Yash Mehta	Second	Yes	On Campus
Pilani	2017-18	2014B5TS968P	Sunita Bugalia	Second	Yes	PPO(PSII)
Pilani	2017-18	2016H101013P	MohakVinod Bothara	First	No	NA
Pilani	2017-18	2016H101014P	Rajan Singh	First	No	NA
Pilani	2017-18	2016H101015P	Preetika Sharma	First	No	NA
Pilani	2017-18	2016H101016P	UmaHarshita Avancha	First	No	NA
Pilani	2017-18	2016H101017P	ParthAshishbhai Joshi	First	No	NA
Pilani	2017-18	2016H101018P	BairiSai Vasista	First	Yes	Off-Campus
Pilani	2017-18	2016H101019P	KushalDeepak Sharma	First	No	NA
Pilani	2017-18	2016H101020P	Sayantan Biswas	First	Yes	Off-Campus
Pilani	2017-18	2016H101021P	PritishPrayag Sahoo	First	Yes	Off-Campus
Pilani	2017-18	2016H101024P	ArtiAyodhyaprasad Rajput	First	No	NA
Pilani	2017-18	2016H101025P	XerxesMehboob Momin	First	No	NA
Pilani	2017-18	2016H101026P	Umang Goswami	First	No	NA
Pilani	2017-18	2016H103066P	AnjaliPiyushkumar Shah	First	Yes	On Campus
Pilani	2017-18	2016H103067P	YoginiVijay Naik	First	Yes	On Campus
Pilani	2017-18	2016H103068P	Gunjan Goel	First	Yes	On Campus
Pilani	2017-18	2016H103069P	SurajSatheesh Mankulangara	First	Yes	Off-Campus
Pilani	2017-18	2016H103070P	KirtiSingh Rathore	First	Yes	On Campus
Pilani	2017-18	2016H103071P	Himanshu Shekhar	First	No	NA
Pilani	2017-18	2016H103072P	YedukrishnanA V	First	No	NA
Pilani	2017-18	2016H103073P	VishwajeetSingh Bhadoria	First	Yes	Off-Campus
Pilani	2017-18	2016H103074P	Rhea Madaan	First	Yes	On Campus
Pilani	2017-18	2016H103075P	Gaurav Sharma	First	Yes	On Campus
Pilani	2017-18	2016H103076P	MithileshSubhash Wachasunder	First	Yes	On Campus
Pilani	2017-18	2016H103077P	Yash Sinha	First	Yes	On Campus
Pilani	2017-18	2016H103078P	Piyush Raghav	First	Yes	On Campus
Pilani	2017-18	2016H103079P	Abhishek Singh	First	Yes	On Campus
Pilani	2017-18	2016H103081P	Saksham Kumar	First	Yes	On Campus
Pilani	2017-18	2016H103082P	Vishal Maheshwari	First	Yes	On Campus
Pilani	2017-18	2016H103083P	Dilna P	First	Yes	On Campus
Pilani	2017-18	2016H103086P	Dhiraj Gupta	First	Yes	Off-Campus
Pilani	2017-18	2016H103087P	Dev Vashisth	First	Yes	Off-Campus
Pilani	2017-18	2016H103088P	Rachit Phartiyal	First	Yes	Off-Campus
Pilani	2017-18	2016H106119P	Shubhangi Agarwal	First	Yes	Off-Campus
Pilani	2017-18	2016H106120P	Prince Jain	First	Yes	On Campus
Pilani	2017-18	2016H106121P	Deepesh Gotherwal	First	Yes	Off-Campus
Pilani	2017-18	2016H106122P	MakrandMilind Hatwalne	First	Yes	Off-Campus
Pilani	2017-18	2016H106123P	NikhilNagesh Teli	First	Yes	Off-Campus

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Pilani	2017-18	2016H106124P	Prateek Jha	First	Yes	Off-Campus
Pilani	2017-18	2016H106125P	Yashdeep Neema	First	No	NA
Pilani	2017-18	2016H106126P	V Naga Vara Prasad Sanapathi	First	Yes	Off-Campus
Pilani	2017-18	2016H106127P	RajKantilal Tilva	First	Yes	Off-Campus
Pilani	2017-18	2016H106128P	Palash Mungi	First	Yes	Off-Campus
Pilani	2017-18	2016H106129P	AkshaykumarArjun Patil	First	Yes	Off-Campus
Pilani	2017-18	2016H106130P	KedarHaradas Patil	First	Yes	On Campus
Pilani	2017-18	2016H106131P	AvinashBhimrao Lomte	First	Yes	Off-Campus
Pilani	2017-18	2016H106132P	Samyak Samar	First	Yes	On Campus
Pilani	2017-18	2016H106133P	AbhishekKumar Agrawal	First	No	NA
Pilani	2017-18	2016H108175P	ShaliniDhanyakumar Patil	First	Yes	On Campus
Pilani	2017-18	2016H108176P	Monika Jindal	First	No	NA
Pilani	2017-18	2016H108177P	Parbhat Saini	First	No	NA
Pilani	2017-18	2016H108178P	Nitin Chauhan	First	Yes	On Campus
Pilani	2017-18	2016H108180P	SiddhiUday Ranade	First	No	NA
Pilani	2017-18	2016H108181P	MukundaMnl Malladi	First	Yes	Off-Campus
Pilani	2017-18	2016H112151P	Umang Dhiman	First	Yes	Off-Campus
Pilani	2017-18	2016H112152P	Nishit Garg	First	Yes	Off-Campus
Pilani	2017-18	2016H112153P	Kartikya Gupta	First	Yes	On Campus
Pilani	2017-18	2016H112154P	Rishabh Sharma	First	Yes	Off-Campus
Pilani	2017-18	2016H112155P	Shivi Gandhi	First	Yes	On Campus
Pilani	2017-18	2016H112156P	Jaishree Janu	First	Yes	Off-Campus
Pilani	2017-18	2016H112157P	Shubham Bansal	First	Yes	On Campus
Pilani	2017-18	2016H112158P	ManpreetSingh Gulati	First	Yes	On Campus
Pilani	2017-18	2016H112159P	Aastha Sanghi	First	Yes	On Campus
Pilani	2017-18	2016H112160P	Saumya Goel	First	Yes	Off-Campus
Pilani	2017-18	2016H112161P	Mohit Agarwal	First	Yes	Off-Campus
Pilani	2017-18	2016H112162P	Koushik Bose	First	Yes	On Campus
Pilani	2017-18	2016H112163P	Sarita Sharma	First	Yes	On Campus
Pilani	2017-18	2016H112164P	JayArun Kadam	First	Yes	On Campus
Pilani	2017-18	2016H112165P	Aparajita	First	Yes	On Campus
Pilani	2017-18	2016H112166P	VivekVasant Nimbarmunde	First	Yes	On Campus
Pilani	2017-18	2016H112167P	BhargavRaju Jampani	First	No	NA
Pilani	2017-18	2016H112168P	Priti Sharma	First	No	NA
Pilani	2017-18	2016H112169P	Devamalya Hazra	First	Yes	On Campus
Pilani	2017-18	2016H112170P	ParthBharat Khatwani	First	Yes	Off-Campus
Pilani	2017-18	2016H112171P	Bhavna Rana	First	Yes	On Campus
Pilani	2017-18	2016H112172P	VineethReddy Yarram	First	Yes	On Campus
Pilani	2017-18	2016H112173P	Sushmitha Malae	First	Yes	On Campus
Pilani	2017-18	2016H112174P	Aakash Sahu	First	Yes	On Campus
Pilani	2017-18	2016H123135P	Arpit Singh	First	Yes	On Campus
Pilani	2017-18	2016H123136P	Ankit Pareek	First	Yes	Off-Campus
Pilani	2017-18	2016H123137P	HarjapSingh Saini	First	Yes	On Campus
Pilani	2017-18	2016H123139P	AbhijithYadav Peddiboyina	First	Yes	On Campus
Pilani	2017-18	2016H123140P	AshutoshKumar Singh	First	Yes	On Campus
Pilani	2017-18	2016H123141P	ViralKishorkumar Brahmhatt	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2016H123143P	Avinash Kumar	First	Yes	On Campus
Pilani	2017-18	2016H123144P	Shahrukh Ansari	First	Yes	PPO(Summer Internship)
Pilani	2017-18	2016H123145P	DharmendraKumar Sharma	First	No	NA
Pilani	2017-18	2016H123147P	Vebhav	First	Yes	On Campus

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Pilani	2017-18	2016H123148P	KalprajAshvin Vaidya	First	Yes	On Campus
Pilani	2017-18	2016H124055P	RahulNandlal Gupta	First	Yes	Off-Campus
Pilani	2017-18	2016H124056P	RoshankumarOmprakash Jayswal	First	Yes	Off-Campus
Pilani	2017-18	2016H124057P	JoseKurian John	First	No	NA
Pilani	2017-18	2016H124058P	Ayushi Jain	First	Yes	On Campus
Pilani	2017-18	2016H124059P	Megha Dixit	First	Yes	On Campus
Pilani	2017-18	2016H124060P	Rahul Shrotey	First	Yes	On Campus
Pilani	2017-18	2016H124061P	Maitreyi Gupta	First	Yes	On Campus
Pilani	2017-18	2016H124062P	Shivam Goel	First	Yes	On Campus
Pilani	2017-18	2016H124063P	VenkataRameshreddy Ganapam	First	No	NA
Pilani	2017-18	2016H124064P	Gaurav Sharma	First	No	NA
Pilani	2017-18	2016H124065P	Prakash Dwivedi	First	No	NA
Pilani	2017-18	2016H129001P	Anamika Gupta	First	Yes	Off-Campus
Pilani	2017-18	2016H129002P	Sweta Chauhan	First	Yes	Off-Campus
Pilani	2017-18	2016H129003P	PujithaLakshmi R	First	No	NA
Pilani	2017-18	2016H129004P	Kanika	First	No	NA
Pilani	2017-18	2016H129005P	PrarthanaHanamanth Badiger	First	Yes	PPO(PSII)
Pilani	2017-18	2016H129006P	KartikRomendra Bhargava	First	Yes	Off-Campus
Pilani	2017-18	2016H129007P	Niharika Singh	First	No	NA
Pilani	2017-18	2016H129009P	Sahitya Murali	First	No	NA
Pilani	2017-18	2016H129010P	Nabila Khan	First	No	NA
Pilani	2017-18	2016H129011P	Rinki Gupta	First	No	NA
Pilani	2017-18	2016H129012P	Ifrah Hakeem	First	No	NA
Pilani	2017-18	2016H130045P	Manoharan V	First	Yes	On Campus
Pilani	2017-18	2016H130046P	MadarapuVenkat Akhil	First	Yes	Off-Campus
Pilani	2017-18	2016H130047P	Purshottam	First	Yes	Off-Campus
Pilani	2017-18	2016H130048P	DhavalHarshadbhai Undhad	First	Yes	On Campus
Pilani	2017-18	2016H130049P	VidishaShailesh Khalpada	First	Yes	On Campus
Pilani	2017-18	2016H130051P	Anchal Srivastava	First	Yes	Off-Campus
Pilani	2017-18	2016H130052P	LingamKrishnakanth	First	Yes	Off-Campus
Pilani	2017-18	2016H130053P	KshitijNeeraj Doshi	First	Yes	On Campus
Pilani	2017-18	2016H130054P	Rashali Tripathi	First	Yes	On Campus
Pilani	2017-18	2016H140099P	SyedIrfan	First	Yes	Off-Campus
Pilani	2017-18	2016H140100P	Shivi Mishra	First	Yes	On Campus
Pilani	2017-18	2016H140101P	Sahil Chandna	First	Yes	On Campus
Pilani	2017-18	2016H140102P	Arpita Gupta	First	Yes	On Campus
Pilani	2017-18	2016H140103P	Abhinav Garg	First	Yes	Off-Campus
Pilani	2017-18	2016H140104P	Fiza Tariq	First	Yes	On Campus
Pilani	2017-18	2016H140105P	Tanya	First	Yes	On Campus
Pilani	2017-18	2016H140106P	Sanchit Agrawal	First	Yes	Off-Campus
Pilani	2017-18	2016H140107P	Praveen Hooda	First	Yes	On Campus
Pilani	2017-18	2016H140108P	NandanB R	First	Yes	Off-Campus
Pilani	2017-18	2016H141090P	Udit Singhal	First	Yes	Off-Campus
Pilani	2017-18	2016H141091P	ShrikantShankarrao Pawar	First	No	NA
Pilani	2017-18	2016H141093P	NishitNarendrabhai Rajyaguru	First	Yes	On Campus
Pilani	2017-18	2016H141094P	VedHitendra Parmar	First	Yes	Off-Campus
Pilani	2017-18	2016H141096P	SiddheshGopal Mane	First	No	NA
Pilani	2017-18	2016H141097P	Sivasankaranarayanan	First	Yes	On Campus
Pilani	2017-18	2016H141098P	Vijay Khandelwal	First	Yes	On Campus
Pilani	2017-18	2016H142109P	Mohit Jagetiya	First	Yes	Off-Campus
Pilani	2017-18	2016H142110P	Jasyot Gaur	First	Yes	Off-Campus
Pilani	2017-18	2016H142111P	Premchand Samantoroy	First	Yes	Off-Campus

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Pilani	2017-18	2016H142112P	KrunalkumarVishnubhai Patel	First	No	NA
Pilani	2017-18	2016H142113P	KuldeepSharadchandra Raval	First	Yes	Off-Campus
Pilani	2017-18	2016H142114P	DenishChandrakantbhai Patel	First	Yes	Off-Campus
Pilani	2017-18	2016H142115P	Shobhit Jain	First	Yes	Off-Campus
Pilani	2017-18	2016H142116P	PrachiGajanan Nerikar	First	Yes	On Campus
Pilani	2017-18	2016H142117P	Aman Agarwal	First	No	NA
Pilani	2017-18	2016H142118P	AjinkyaSanjay Bedarkar	First	Yes	On Campus
Pilani	2017-18	2016H143034P	Nikhil Vr	First	Yes	Off-Campus
Pilani	2017-18	2016H143035P	SanjanaSankar P	First	Yes	On Campus
Pilani	2017-18	2016H143036P	Surbhi Jain	First	Yes	Off-Campus
Pilani	2017-18	2016H143037P	RajeshMohanlal Niraniya	First	Yes	On Campus
Pilani	2017-18	2016H143039P	Praveen Thomas	First	Yes	Off-Campus
Pilani	2017-18	2016H143040P	Sivananthan V	First	Yes	Off-Campus
Pilani	2017-18	2016H143041P	Arijit Dasgupta	First	Yes	On Campus
Pilani	2017-18	2016H143044P	Manasvi Srivastava	First	Yes	On Campus
Pilani	2017-18	2016H144029P	YerramilliVenkatamaruti Ramsai	First	No	NA
Pilani	2017-18	2016H144030P	Nandini	First	No	NA
Pilani	2017-18	2016H144031P	Chirag Garg	First	Yes	On Campus
Pilani	2017-18	2016H144032P	TriptiSingh Rajput	First	Yes	Off-Campus
Pilani	2017-18	2016H144033P	Anirban Deshmukh	First	Yes	On Campus
Pilani	2017-18	2016H146189P	Lavish Darolia	First	No	NA
Pilani	2017-18	2016H146190P	AniketAvinash Kulkarni	First	No	NA
Pilani	2017-18	2016H146191P	VinayakSadashiv Mharugde	First	No	NA
Pilani	2017-18	2016H146192P	Shakti Nagpal	First	Yes	Off-Campus
Pilani	2017-18	2016H146193P	MansiMohan Deshpande	First	Yes	On Campus
Pilani	2017-18	2016H146194P	Rajarajeshwari Dulla	First	Yes	Off-Campus
Pilani	2017-18	2016H146195P	AmarjeetKamal Gupta	First	No	NA
Pilani	2017-18	2016H146196P	SheetalVijay Raut	First	Yes	Off-Campus
Pilani	2017-18	2016H146197P	Vishal Girdhar	First	Yes	Off-Campus
Pilani	2017-18	2016H146198P	Deepak	First	No	NA
Pilani	2017-18	2016H147183P	Barkha Bhagwani	First	No	NA
Pilani	2017-18	2016H147184P	MaheshBalaprasad Jaju	First	No	NA
Pilani	2017-18	2016H147185P	ArpitVishnubhai Patel	First	No	NA
Pilani	2017-18	2016H147186P	GouriShripad Chorghade	First	No	NA
Pilani	2017-18	2016H147187P	Bhanuchander Peddholra	First	No	NA
Pilani	2017-18	2016H149199P	Bhavya Joshi	First	No	NA
Pilani	2017-18	2016H149200P	Ritika Mehta	First	Yes	On Campus
Pilani	2017-18	2016H149201P	Sharlin Jose	First	Yes	On Campus
Pilani	2017-18	2016H149202P	Avi Bhardwaj	First	Yes	Off-Campus
Pilani	2017-18	2016H149203P	Ayush Rastogi	First	Yes	On Campus
Pilani	2017-18	2016H149205P	Vatsal Garg	First	No	NA
Pilani	2017-18	2016H149206P	TadakamallaShanmuk Anirudh	First	Yes	On Campus
Pilani	2017-18	2016H149207P	Madhuri U	First	Yes	On Campus
Pilani	2017-18	2016H149208P	PrakarshKumar Agarwal	First	Yes	On Campus
Pilani	2017-18	2016H149209P	Paras Vohra	First	Yes	Off-Campus
Pilani	2017-18	2016H149210P	Jessie Cecilya	First	Yes	On Campus
Pilani	2017-18	2016H149211P	Kritesh Gupta	First	Yes	On Campus
Pilani	2017-18	2016H149213P	Arushi Gupta	First	No	NA
Pilani	2017-18	2016H149214P	Chinmay Sharma	First	Yes	Off-Campus
Pilani	2017-18	2016H149215P	Pragya Sharma	First	Yes	On Campus
Pilani	2017-18	2016H149216P	Smiti Saxena	First	Yes	On Campus
Pilani	2017-18	2016H149218P	Moumita Sen	First	Yes	On Campus

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Pilani	2017-18	2016H149219P	VijaySankar Narayanan	First	No	NA
Pilani	2017-18	2016H149221P	AnkitPawan Gangwal	First	No	NA
Pilani	2017-18	2016H149223P	Himanshu Shekhar	First	Yes	On Campus
Pilani	2017-18	2016H149224P	Sudheesh S	First	No	NA
Pilani	2017-18	2016H149225P	AnilShashikumar Menon	First	Yes	On Campus
Pilani	2017-18	2016H149226P	Maaz Shariq	First	Yes	Off-Campus
Pilani	2017-18	2016H149227P	AjitendraAditya Sharma	First	Yes	On Campus
Pilani	2017-18	2016H149228P	DhawalMohan Tripathi	First	Yes	Off-Campus
Pilani	2017-18	2016H149229P	HarshaVardhan A	First	Yes	On Campus
Pilani	2017-18	2016H149230P	Swati Manuja	First	Yes	Off-Campus
Pilani	2017-18	2016H149231P	Siddharth Potlia	First	Yes	On Campus
Pilani	2017-18	2016H149232P	RajathG Krishnan	First	Yes	Off-Campus
Pilani	2017-18	2016H149233P	Abhijith Achuthakumar	First	Yes	Off-Campus
Pilani	2017-18	2016H149234P	NavnitAshok Khanke	First	Yes	On Campus
Pilani	2017-18	2016H149235P	AakanshaAnupam Yeole	First	Yes	Off-Campus
Pilani	2017-18	2016H149236P	Akshay Gupta	First	Yes	On Campus
Pilani	2017-18	2016H149237P	MohithB N	First	Yes	Off-Campus
Pilani	2017-18	2016H149240P	RabiRashid Shaikmohammed	First	Yes	On Campus
Pilani	2017-18	2016H149241P	Chaitanayam	First	Yes	On Campus
Pilani	2017-18	2016H149242P	Rohith Ananth	First	Yes	On Campus
Pilani	2017-18	2016H149243P	Tanmay Debnath	First	Yes	On Campus
Pilani	2017-18	2016H149244P	Nikita Vasudeva	First	Yes	On Campus
Pilani	2017-18	2016H149245P	RushitKamal Sejpal	First	No	NA
Pilani	2017-18	2016H149246P	Sampad Chandra	First	Yes	On Campus
Pilani	2017-18	2016H149247P	Souradip Ghosh	First	Yes	On Campus
Pilani	2017-18	2016H149248P	Siddharth Sharma	First	Yes	Off-Campus
Pilani	2017-18	2016H149249P	Madhurima Biswas	First	Yes	On Campus
Pilani	2017-18	2016H149250P	Nishu Suryavanshi	First	Yes	On Campus
Pilani	2017-18	2016H149251P	Rounak Biswas	First	Yes	Off-Campus
Pilani	2017-18	2016H149252P	RohtashSingh Rathore	First	No	NA
Pilani	2017-18	2016H149253P	ShanmukhaPriya C	First	Yes	Off-Campus
Pilani	2017-18	2016H149254P	Shagun Parashar	First	Yes	On Campus
Pilani	2017-18	2016H149255P	Palash Anand	First	No	NA
Pilani	2017-18	2016H149256P	Vibhor Khetrapal	First	Yes	On Campus
Pilani	2017-18	2016H149258P	PalagatiLekhya Reddy	First	No	NA
Pilani	2017-18	2016H149259P	Ayush Ganguly	First	Yes	On Campus
Pilani	2017-18	2016H149260P	Shashank Shekhar	First	Yes	On Campus
Pilani	2017-18	2016H149263P	Debargha Sarkar	First	Yes	On Campus
Pilani	2017-18	2016H149264P	Saurabh Gupta	First	Yes	On Campus
Pilani	2017-18	2016H149265P	Avi Nahar	First	Yes	On Campus
Pilani	2017-18	2016H149266P	Vaibhav Sharma	First	Yes	On Campus
Pilani	2017-18	2016H149267P	Aakarshi Sharma	First	No	NA
Pilani	2017-18	2016H149268P	Kartikey Dwivedi	First	Yes	Off-Campus
Pilani	2017-18	2016H149270P	Gaurav Kumar	First	Yes	On Campus
Pilani	2017-18	2016H149271P	Maanik Goel	First	No	NA
Goa	2017-18	2012A7B40065G	AbhishekDeepak Desai	First	Yes	PPO(PSII)
Goa	2017-18	2012B1A10621G	Narayan Bhutada	Second	Yes	PPO (Summer Internship)
Goa	2017-18	2012B3A80449G	Akshay Narasimha	Second	No	NA
Goa	2017-18	2012B4A80768G	T P Vishnuvardhan	Second	Yes	Off-Campus
Goa	2017-18	2013A1PS0601G	Chayan Anand	First	Yes	On Campus

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Goa	2017-18	2013A1PS0911G	Ajay Manhas	First	No	NA
Goa	2017-18	2013A3A70198G	EdwinFremiot Mascarenhas	Second	Yes	On Campus
Goa	2017-18	2013A3B50073G	AnkitUdaya Kumar	Second	No	NA
Goa	2017-18	2013A3PS0299G	RakeshVarma Matcha	First	Yes	On Campus
Goa	2017-18	2013A4PS0265G	Nischay Bhadu	Second	No	NA
Goa	2017-18	2013A7PS0066G	Siddharth Saurav	Second	Yes	On Campus
Goa	2017-18	2013A7PS0095G	Sai Vishal Muda	Second	Yes	On Campus
Goa	2017-18	2013A7PS0099G	Nikhil Desai	Second	Yes	PPO(PSII)
Goa	2017-18	2013A8PS0372G	Vinjam Kousik	Second	Yes	On Campus
Goa	2017-18	2013A8PS0482G	Shivanshu Shrivastava	Second	Yes	On Campus
Goa	2017-18	2013B1A10688G	Anand Dhamsaniya	Second	Yes	On Campus
Goa	2017-18	2013B1A10885G	Garv Nagpal	Second	Yes	On Campus
Goa	2017-18	2013B1A10914G	VigneshMallya Ullal	Second	Yes	On Campus
Goa	2017-18	2013B1A30716G	ManasSatish Vaidya	Second	No	NA
Goa	2017-18	2013B1A30874G	Vatsal Sanghvi	Second	Yes	On Campus
Goa	2017-18	2013B1A30878G	Ankit Jayaswal	Second	Yes	PPO(PSII)
Goa	2017-18	2013B1A30883G	Tushar	Second	Yes	PPO(PSII)
Goa	2017-18	2013B1A30900G	Avinash Eega	First	Yes	On Campus
Goa	2017-18	2013B1A30936G	Harshita Choudhary	Second	Yes	On Campus
Goa	2017-18	2013B1A40789G	Samyak Tatia	Second	Yes	PPO(PSII)
Goa	2017-18	2013B1A40901G	Akhil Eega	First	Yes	On Campus
Goa	2017-18	2013B1A70792G	AnanyaKshatrapati Shivaditya	Second	Yes	On Campus
Goa	2017-18	2013B1A70868G	Apurva Bhandari	Second	Yes	On Campus
Goa	2017-18	2013B1A70942G	Aditya Saxena	Second	Yes	PPO(PSII)
Goa	2017-18	2013B1A80782G	Ishmin Singh	Second	Yes	On Campus
Goa	2017-18	2013B1A80805G	UmeshHargendra Pathak	Second	Yes	On Campus
Goa	2017-18	2013B1A80860G	Prakhar Gupta	Second	Yes	On Campus
Goa	2017-18	2013B2A10684G	Vatsal Tolasaria	Second	Yes	PPO(PSII)
Goa	2017-18	2013B2A10686G	Vatsal Tiwari	Second	Yes	On Campus
Goa	2017-18	2013B2A10687G	JaivardhanSingh Chauhan	Second	Yes	On Campus
Goa	2017-18	2013B2A10858G	Arth Mathur	Second	No	NA
Goa	2017-18	2013B2A30748G	AsavariSanjay Kulkarni	Second	Yes	PPO(PSII)
Goa	2017-18	2013B2A30800G	Harshita Lulla	Second	No	NA
Goa	2017-18	2013B2A30847G	Ankit Singh	Second	Yes	On Campus
Goa	2017-18	2013B2A30864G	Aashray Bhandari	First	Yes	PPO(Summer Internship)
Goa	2017-18	2013B2A30899G	Shikhar Wadhwa	Second	Yes	On Campus
Goa	2017-18	2013B2A40692G	RishavKishan Gupta	Second	Yes	On Campus
Goa	2017-18	2013B2A40705G	MohamedIrfhan Hilaly	Second	Yes	On Campus
Goa	2017-18	2013B2A70754G	Garvit Raghuvanshi	Second	Yes	On Campus
Goa	2017-18	2013B2A70865G	Anuja Pushkar Lele	Second	Yes	On Campus
Goa	2017-18	2013B2A70866G	Rajat Agarwal	Second	Yes	PPO(PSII)
Goa	2017-18	2013B2A80741G	Himanshu Arora	Second	Yes	PPO(PSII)
Goa	2017-18	2013B2A80770G	Akshay Jha	Second	Yes	On Campus
Goa	2017-18	2013B2A80771G	Shivam Bajpai	Second	Yes	On Campus
Goa	2017-18	2013B2A80799G	Agrim Agarwal	Second	No	NA
Goa	2017-18	2013B2A80835G	VivekKumar	Second	Yes	PPO(PSII)
Goa	2017-18	2013B2A80846G	ClydeSunil Bailey	Second	No	NA
Goa	2017-18	2013B2A80861G	Shivam Kumar	Second	Yes	On Campus
Goa	2017-18	2013B2A80906G	SrujanBelaganti Reddy	Second	No	NA
Goa	2017-18	2013B2A80926G	Saksham Mehta	Second	Yes	On Campus
Goa	2017-18	2013B3A30375G	Mayank Poddar	Second	Yes	On Campus

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017- 18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Goa	2017-18	2013B3A30460G	Aditya Jha	Second	Yes	On Campus
Goa	2017-18	2013B3A30462G	Advait Parey	Second	Yes	On Campus
Goa	2017-18	2013B3A30483G	Ashish Kumar	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A30577G	Sanskar Agrawal	Second	Yes	On Campus
Goa	2017-18	2013B3A30594G	AvinashKumar Rai	Second	Yes	On Campus
Goa	2017-18	2013B3A30633G	GandhiAnshul Aniruddha	Second	Yes	On Campus
Goa	2017-18	2013B3A30641G	Prabhav Bhardwaj	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A40398G	Vaibhav Sharma	Second	No	NA
Goa	2017-18	2013B3A40598G	AdityaArun Patil	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A40599G	Prakarsh Chauhan	Second	Yes	On Campus
Goa	2017-18	2013B3A40639G	Vibhor Sharma	Second	Yes	On Campus
Goa	2017-18	2013B3A40750G	AbhishekKumar Pankaj	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A70206G	RavindraKaade Arvind	Second	No	NA
Goa	2017-18	2013B3A70309G	Abhijith S Warriar	Second	Yes	On Campus
Goa	2017-18	2013B3A70368G	HarithaSai Devarakonda	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A70439G	Achyudh Ram	Second	Yes	PPO (Summer Internship)
Goa	2017-18	2013B3A70471G	Akilesh Lakshminarayanan	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A70510G	Samarth Goyal	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A70516G	Gaurav Narula	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A70530G	Shubham Chaturvedi	Second	Yes	On Campus
Goa	2017-18	2013B3A70547G	Shantanu Jain	Second	Yes	On Campus
Goa	2017-18	2013B3A70556G	MayurDattatray Bhosale	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A70570G	Madhav Agrawal	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A70574G	KrutarthMilindkumar Nakade	First	Yes	On Campus
Goa	2017-18	2013B3A70629G	Ashish Kumar	Second	Yes	On Campus
Goa	2017-18	2013B3A70709G	Sneith Alapati	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A70710G	Piyush Dhingra	Second	Yes	On Campus
Goa	2017-18	2013B3A70826G	Dhruv Jain	Second	Yes	On Campus
Goa	2017-18	2013B3A80536G	Akshit Anand	Second	Yes	PPO(PSII)
Goa	2017-18	2013B3A80636G	Himanshu Singhal	Second	No	NA
Goa	2017-18	2013B3PS0561G	LingalaSreekanth Reddy	Second	No	NA
Goa	2017-18	2013B3PS0580G	Aditya Singh	Second	Yes	On Campus
Goa	2017-18	2013B3PS0634G	Suhas S	Second	Yes	PPO(PSII)
Goa	2017-18	2013B4A10614G	Harsh Vijay	Second	No	NA
Goa	2017-18	2013B4A30164G	Vinay Dargar	Second	Yes	On Campus
Goa	2017-18	2013B4A30425G	NeelNitin Jambhekar	Second	Yes	On Campus
Goa	2017-18	2013B4A30581G	Aryan Singh	Second	Yes	On Campus
Goa	2017-18	2013B4A30663G	Vaibhavdeep Singh	Second	No	NA
Goa	2017-18	2013B4A30669G	Arohi Pendharkar	Second	Yes	PPO(PSII)
Goa	2017-18	2013B4A30706G	Shantanu	Second	Yes	On Campus
Goa	2017-18	2013B4A30746G	Shourya Punj	Second	Yes	On Campus
Goa	2017-18	2013B4A40513G	Kshitij Kumar	Second	Yes	On Campus
Goa	2017-18	2013B4A40591G	Nikhil Jain	Second	No	NA
Goa	2017-18	2013B4A40714G	NoelFelix Thekkekara	Second	Yes	PPO(PSII)
Goa	2017-18	2013B4A40804G	NagendraKumar Kadali	Second	Yes	On Campus
Goa	2017-18	2013B4A70381G	PankajRamchandra Tiple	Second	Yes	On Campus
Goa	2017-18	2013B4A70495G	Sanjeev S	Second	Yes	On Campus
Goa	2017-18	2013B4A70602G	Lakshya Ghuliani	Second	Yes	On Campus
Goa	2017-18	2013B4A70668G	NamrataA Shettar	Second	Yes	PPO(PSII)
Goa	2017-18	2013B4A70707G	Naman Gupta	Second	Yes	On Campus

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017-18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Goa	2017-18	2013B4A70720G	Sethurathienam Iyer	First	Yes	On Campus
Goa	2017-18	2013B4A70742G	Umang Rustagi	Second	Yes	PPO(PSII)
Goa	2017-18	2013B4A70785G	Rishabh Khurana	Second	Yes	On Campus
Goa	2017-18	2013B4A70829G	VaradShailendra Deshpande	Second	Yes	On Campus
Goa	2017-18	2013B4A70904G	NareshUmesh Peshwe	Second	Yes	PPO(PSII)
Goa	2017-18	2013B4A80525G	NeetiAjay Goenka	Second	Yes	On Campus
Goa	2017-18	2013B4A80526G	SaiUmesh Ravinutula	Second	Yes	On Campus
Goa	2017-18	2013B4A80545G	Sunit Jain	Second	Yes	On Campus
Goa	2017-18	2013B4A80608G	Shivraj Singh	Second	Yes	On Campus
Goa	2017-18	2013B4A80627G	Apoorv Garg	Second	Yes	PPO(PSII)
Goa	2017-18	2013B4A80661G	VirinchiSharma Tigulla	Second	No	NA
Goa	2017-18	2013B4A80662G	Mridul Seth	Second	Yes	On Campus
Goa	2017-18	2013B4A80690G	Kshitiz Pandey	Second	Yes	On Campus
Goa	2017-18	2013B4A80833G	Manav Sehgal	Second	No	NA
Goa	2017-18	2013B4A80836G	Siddharth Iyer	Second	Yes	On Campus
Goa	2017-18	2013B5A30432G	AmalVighnesh I	Second	Yes	On Campus
Goa	2017-18	2013B5A30470G	SangeethSaji Varma	Second	No	NA
Goa	2017-18	2013B5A30537G	Rajat Sancheti	Second	Yes	On Campus
Goa	2017-18	2013B5A30621G	ShivendraKumar	Second	Yes	PPO(PSII)
Goa	2017-18	2013B5A30671G	Manish Pathak	Second	Yes	PPO(PSII)
Goa	2017-18	2013B5A30827G	Akshit Goel	Second	Yes	On Campus
Goa	2017-18	2013B5A40426G	Kushagra Hans	Second	Yes	On Campus
Goa	2017-18	2013B5A40459G	AmrutSanjay Modani	Second	No	NA
Goa	2017-18	2013B5A40514G	SidhantKumar Singh	Second	Yes	On Campus
Goa	2017-18	2013B5A40559G	Kshitij Mathur	Second	Yes	On Campus
Goa	2017-18	2013B5A40563G	ShardoolShantaprasad Kulkarni	Second	Yes	On Campus
Goa	2017-18	2013B5A40768G	DivyanshuShirish Saraph	Second	Yes	On Campus
Goa	2017-18	2013B5A40870G	Shantanu Sharma	Second	Yes	PPO(PSII)
Goa	2017-18	2013B5A70112G	George Joseph	Second	Yes	On Campus
Goa	2017-18	2013B5A70571G	Akshay Sasikumar	Second	Yes	On Campus
Goa	2017-18	2013B5A70658G	TanujaSunil Sawant	Second	Yes	On Campus
Goa	2017-18	2013B5A70665G	Shobhik Bhadraray	Second	Yes	On Campus
Goa	2017-18	2013B5A80622G	SarthakBhushan Pradhan	Second	No	NA
Goa	2017-18	2013B5A80650G	Siddharth Harshe	Second	Yes	On Campus
Goa	2017-18	2013B5A80674G	Rishabh Srivastava	Second	Yes	On Campus
Goa	2017-18	2014A1PS0475G	Abhishek Prashant	First	No	NA
Goa	2017-18	2014A1PS0497G	Nikhil Nair	First	Yes	On Campus
Goa	2017-18	2014A1PS0528G	Suneha Bagri	Second	Yes	PPO(PSII)
Goa	2017-18	2014A1PS0536G	Shubham Ajmera	Second	Yes	On Campus
Goa	2017-18	2014A1PS0542G	ZaminaliAmir Salman	Second	Yes	PPO(PSII)
Goa	2017-18	2014A1PS0544G	Parth Bhandakkar	Second	Yes	On Campus
Goa	2017-18	2014A1PS0545G	Siddharth Kumar	Second	No	NA
Goa	2017-18	2014A1PS0550G	Achint Gupta	Second	Yes	On Campus
Goa	2017-18	2014A1PS0556G	Adjay Sagar S	First	Yes	On Campus
Goa	2017-18	2014A1PS0561G	Sakshi Mehra	Second	Yes	On Campus
Goa	2017-18	2014A1PS0574G	Shivangi Pancholi	First	Yes	On Campus
Goa	2017-18	2014A1PS0577G	HardikSudhakar Choudhari	Second	Yes	Off-Campus
Goa	2017-18	2014A1PS0582G	Shimona Narang	Second	Yes	On Campus
Goa	2017-18	2014A1PS0589G	JishnuDevan Sankaran	Second	Yes	On Campus
Goa	2017-18	2014A1PS0594G	Abhishek Agarwal	First	Yes	On Campus
Goa	2017-18	2014A1PS0596G	Samarth Jain	Second	Yes	On Campus
Goa	2017-18	2014A1PS0613G	EmmanuelManihas Krupa	Second	Yes	On Campus

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017- 18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Goa	2017-18	2014A1PS0618G	Nikhil Tiwari	First	Yes	On Campus
Goa	2017-18	2014A1PS0625G	Ajay Abraham	First	Yes	On Campus
Goa	2017-18	2014A1PS0626G	Mrunal Nasery	Second	Yes	On Campus
Goa	2017-18	2014A1PS0635G	Vishwa Prakash	Second	Yes	On Campus
Goa	2017-18	2014A1PS0638G	Hitesh Mehta	Second	Yes	On Campus
Goa	2017-18	2014A1PS0641G	Pulkit Tyagi	Second	Yes	On Campus
Goa	2017-18	2014A1PS0642G	Ayush Shrimal	Second	Yes	On Campus
Goa	2017-18	2014A1PS0647G	OnkarMakarandrao Joshi	First	Yes	On Campus
Goa	2017-18	2014A1PS0653G	ShivangRajesh Dahake	First	Yes	On Campus
Goa	2017-18	2014A1PS0654G	Sarvajot Singh	Second	Yes	On Campus
Goa	2017-18	2014A1PS0666G	Sahil Paliwal	Second	Yes	On Campus
Goa	2017-18	2014A1PS0674G	Hardik Verma	Second	Yes	On Campus
Goa	2017-18	2014A1PS0751G	Mandeep Singh	First	Yes	On Campus
Goa	2017-18	2014A1PS0752G	Pranshu Gupta	Second	Yes	On Campus
Goa	2017-18	2014A1PS0755G	Mudit Bohra	First	Yes	On Campus
Goa	2017-18	2014A1PS0812G	KapilJayesh Desai	First	Yes	On Campus
Goa	2017-18	2014A1PS0816G	IginBenny Ignatius	Second	Yes	On Campus
Goa	2017-18	2014A1PS0819G	Nikhar Bajaj	Second	Yes	On Campus
Goa	2017-18	2014A1PS0821G	Ankur Kumar	Second	Yes	On Campus
Goa	2017-18	2014A1PS0831G	Simona Acharya	Second	Yes	On Campus
Goa	2017-18	2014A1PS0834G	Shivendu Shivam	Second	Yes	On Campus
Goa	2017-18	2014A1PS0916G	Pranav Garg	First	Yes	On Campus
Goa	2017-18	2014A3PS0042G	KakarlaYaswanth Satyaram	Second	Yes	On Campus
Goa	2017-18	2014A3PS0046G	ArnavVikrant Vijayakar	First	Yes	On Campus
Goa	2017-18	2014A3PS0133G	KartikKrishnamurthy Sastry	Second	Yes	PPO(PSII)
Goa	2017-18	2014A3PS0134G	Rishabh Ahuja	Second	No	NA
Goa	2017-18	2014A3PS0139G	KarriSatya Vamsi Reddy	First	Yes	On Campus
Goa	2017-18	2014A3PS0143G	Sachin Nowal	First	Yes	On Campus
Goa	2017-18	2014A3PS0148G	RepalleSai Vivek	First	Yes	On Campus
Goa	2017-18	2014A3PS0149G	Jayati Singh	First	Yes	On Campus
Goa	2017-18	2014A3PS0151G	Kinjal Motwani	Second	Yes	On Campus
Goa	2017-18	2014A3PS0152G	DevDipesh Shah	First	Yes	On Campus
Goa	2017-18	2014A3PS0153G	KandukuriSai Omkar	Second	Yes	On Campus
Goa	2017-18	2014A3PS0155G	Shivam Gupta	Second	Yes	On Campus
Goa	2017-18	2014A3PS0163G	PradyotKumar Khaua	Second	Yes	On Campus
Goa	2017-18	2014A3PS0174G	SiddharthMalayanur Kasyapa	Second	Yes	On Campus
Goa	2017-18	2014A3PS0181G	HarikrishnanUnnithan R	First	Yes	On Campus
Goa	2017-18	2014A3PS0185G	Azeem Syed	Second	Yes	On Campus
Goa	2017-18	2014A3PS0186G	AkshayaDeep Singhal	First	No	NA
Goa	2017-18	2014A3PS0193G	Lenin Gangwal	Second	Yes	On Campus
Goa	2017-18	2014A3PS0194G	SujithS Pai	Second	Yes	On Campus
Goa	2017-18	2014A3PS0195G	Karan Chauhan	First	Yes	On Campus
Goa	2017-18	2014A3PS0196G	VaibhaviVikas Shanbhag	First	Yes	On Campus
Goa	2017-18	2014A3PS0199G	DivyamMalay Shah	Second	Yes	PPO(PSII)
Goa	2017-18	2014A3PS0200G	Sai AnuragReddy Pallerla	Second	Yes	On Campus
Goa	2017-18	2014A3PS0201G	Lalit Shewani	Second	Yes	On Campus
Goa	2017-18	2014A3PS0209G	Tapesh Bhandari	Second	Yes	PPO(PSII)
Goa	2017-18	2014A3PS0211G	HarshVardhan Singh	Second	Yes	PPO(PSII)
Goa	2017-18	2014A3PS0212G	Divyansh Jain	First	Yes	On Campus
Goa	2017-18	2014A3PS0214G	Lakshya Garg	First	No	NA
Goa	2017-18	2014A3PS0220G	Harshavardhan Valluru	First	Yes	On Campus
Goa	2017-18	2014A3PS0225G	LalitKumar Shah	Second	Yes	On Campus

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Goa	2017-18	2014A3PS0228G	HarshLalit Maliwal	Second	Yes	On Campus
Goa	2017-18	2014A3PS0231G	Tanya Shahi	Second	Yes	On Campus
Goa	2017-18	2014A3PS0233G	Abhyuday Puri	Second	Yes	On Campus
Goa	2017-18	2014A3PS0238G	Keshav Singhal	Second	Yes	PPO(PSII)
Goa	2017-18	2014A3PS0241G	Sribalaji M	Second	Yes	PPO(PSII)
Goa	2017-18	2014A3PS0243G	Arpita Mehta	Second	Yes	On Campus
Goa	2017-18	2014A3PS0250G	Siddarth Sreeni	First	Yes	On Campus
Goa	2017-18	2014A3PS0251G	Arjun Varanasi	Second	Yes	On Campus
Goa	2017-18	2014A3PS0256G	RiteshMohan Monga	Second	Yes	On Campus
Goa	2017-18	2014A3PS0260G	Nikhil Maheshwari	First	Yes	On Campus
Goa	2017-18	2014A3PS0261G	Prakhar Sinha	Second	Yes	On Campus
Goa	2017-18	2014A3PS0263G	Bhakti Vora	Second	Yes	On Campus
Goa	2017-18	2014A3PS0267G	Akash Deep	Second	Yes	PPO(PSII)
Goa	2017-18	2014A3PS0273G	DivyangNarayan Wadhvani	First	Yes	On Campus
Goa	2017-18	2014A3PS0274G	Anmol Shukla	Second	Yes	On Campus
Goa	2017-18	2014A3PS0276G	Arpit Kamlawat	Second	Yes	On Campus
Goa	2017-18	2014A3PS0277G	Chiman Jain	First	Yes	Off-Campus
Goa	2017-18	2014A3PS0280G	Shubham Agrawal	Second	Yes	On Campus
Goa	2017-18	2014A3PS0281G	Shreyas Sukrit	Second	Yes	On Campus
Goa	2017-18	2014A3PS0284G	Amith Thomas	First	Yes	On Campus
Goa	2017-18	2014A3PS0287G	Ankit	First	Yes	On Campus
Goa	2017-18	2014A3PS0291G	Abhinav Singh	First	Yes	On Campus
Goa	2017-18	2014A3PS0292G	Mridul Jain	Second	Yes	On Campus
Goa	2017-18	2014A3PS0293G	Dhwanit Mahajan	Second	Yes	On Campus
Goa	2017-18	2014A3PS0300G	Aditi Maheshwari	Second	Yes	On Campus
Goa	2017-18	2014A3PS0303G	Rujuta Prashant Kelkar	Second	Yes	On Campus
Goa	2017-18	2014A3PS0305G	Vishal Yadav	Second	Yes	On Campus
Goa	2017-18	2014A3PS0306G	Anirban Bhattacharya	Second	Yes	On Campus
Goa	2017-18	2014A3PS0312G	Piyush Khandelwal	Second	Yes	On Campus
Goa	2017-18	2014A3PS0313G	Ashkandh Prasad	First	Yes	On Campus
Goa	2017-18	2014A3PS0314G	Shriya Srivastava	Second	Yes	On Campus
Goa	2017-18	2014A3PS0319G	RutvikUday Kasbekar	Second	Yes	On Campus
Goa	2017-18	2014A3PS0320G	Akshat Jhanwar	Second	Yes	On Campus
Goa	2017-18	2014A3PS0329G	Utkarsh Saboo	Second	Yes	On Campus
Goa	2017-18	2014A3PS0330G	AkashSanthosh Nair	Second	Yes	On Campus
Goa	2017-18	2014A3PS0335G	SanjeevSripadraj Murthy	Second	Yes	On Campus
Goa	2017-18	2014A3PS0756G	PSai Pavan	First	Yes	On Campus
Goa	2017-18	2014A3PS0757G	MohitSunil Shah	First	Yes	On Campus
Goa	2017-18	2014A3PS0760G	Mohit Srivastava	Second	Yes	On Campus
Goa	2017-18	2014A3PS0762G	AkshayShivajirao Lavhale	First	Yes	On Campus
Goa	2017-18	2014A3PS0763G	Nalin Bhan	Second	Yes	On Campus
Goa	2017-18	2014A3PS0764G	RyanJude Dsouza	First	Yes	On Campus
Goa	2017-18	2014A4PS0077G	Varun Mikkilineni	Second	Yes	On Campus
Goa	2017-18	2014A4PS0097G	Manu C	Second	Yes	On Campus
Goa	2017-18	2014A4PS0129G	GauravNilesh Gude	First	Yes	On Campus
Goa	2017-18	2014A4PS0132G	Gagneet Singh	Second	Yes	On Campus
Goa	2017-18	2014A4PS0135G	Karthik Ananthkrishnan	First	Yes	On Campus
Goa	2017-18	2014A4PS0142G	NandagiriSrikanth	Second	No	NA
Goa	2017-18	2014A4PS0156G	AkshayAniruddha Kulkarni	First	No	NA
Goa	2017-18	2014A4PS0157G	Pnvs Chandra	Second	Yes	On Campus
Goa	2017-18	2014A4PS0162G	Shibika Mitra	First	Yes	On Campus
Goa	2017-18	2014A4PS0171G	SandeepJ Nair	First	Yes	On Campus

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Goa	2017-18	2014A4PS0176G	Shubhanshu Bahuguna	First	Yes	On Campus
Goa	2017-18	2014A4PS0177G	JayeshSatish Saboo	Second	Yes	On Campus
Goa	2017-18	2014A4PS0179G	AyushKapoor Garg	First	Yes	On Campus
Goa	2017-18	2014A4PS0180G	RadhikaPrashant Pillai	First	Yes	On Campus
Goa	2017-18	2014A4PS0188G	SagarPradeep Shete	Second	Yes	On Campus
Goa	2017-18	2014A4PS0189G	Harshwardha Lodha	First	No	NA
Goa	2017-18	2014A4PS0192G	Mayank Kumar	First	Yes	On Campus
Goa	2017-18	2014A4PS0198G	SJoel Franklin	Second	Yes	On Campus
Goa	2017-18	2014A4PS0202G	Hema Sai Aravind Bolisetty	Second	Yes	On Campus
Goa	2017-18	2014A4PS0227G	ShivamNarendra Rathi	First	Yes	On Campus
Goa	2017-18	2014A4PS0229G	Varun Pv	Second	Yes	On Campus
Goa	2017-18	2014A4PS0239G	AkshayJitendra Sancheti	First	Yes	On Campus
Goa	2017-18	2014A4PS0249G	RahulS Salla	Second	Yes	On Campus
Goa	2017-18	2014A4PS0253G	Sachin Suresh	First	No	NA
Goa	2017-18	2014A4PS0254G	Shashank Sharma	First	Yes	PPO(PSII)
Goa	2017-18	2014A4PS0262G	Anshul Sandhu	Second	Yes	On Campus
Goa	2017-18	2014A4PS0272G	Jacob John	First	Yes	On Campus
Goa	2017-18	2014A4PS0279G	ArjunLaxmikant Mahajan	First	Yes	On Campus
Goa	2017-18	2014A4PS0285G	Sandipan Borah	First	Yes	On Campus
Goa	2017-18	2014A4PS0286G	AmeyaMangesh Deshpande	Second	Yes	On Campus
Goa	2017-18	2014A4PS0289G	SourabhSunil Sangle	First	Yes	On Campus
Goa	2017-18	2014A4PS0298G	Rishabh Chaturvedi	First	Yes	Off-Campus
Goa	2017-18	2014A4PS0299G	Siddhant Makhija	Second	Yes	On Campus
Goa	2017-18	2014A4PS0301G	Rahul Paes	Second	Yes	On Campus
Goa	2017-18	2014A4PS0317G	TejasIshwar Chaudhari	First	Yes	On Campus
Goa	2017-18	2014A4PS0318G	YashManoj Haritwal	First	Yes	On Campus
Goa	2017-18	2014A4PS0325G	VaibhavRajendrakumar Shetiya	Second	Yes	On Campus
Goa	2017-18	2014A4PS0327G	ShashankSubramaniam Rajendran	First	Yes	Off-Campus
Goa	2017-18	2014A4PS0331G	SauravKumar	First	No	NA
Goa	2017-18	2014A4PS0332G	IndrajeetVikas Gupta	Second	Yes	On Campus
Goa	2017-18	2014A4PS0338G	RushiNareshkumar Mehta	First	Yes	On Campus
Goa	2017-18	2014A4PS0341G	HimanshuKaushal Kishore	First	Yes	On Campus
Goa	2017-18	2014A4PS0345G	Sanyam Vinayak	Second	Yes	On Campus
Goa	2017-18	2014A4PS0350G	Yash Singhal	Second	Yes	On Campus
Goa	2017-18	2014A4PS0353G	Anand Dev	Second	Yes	On Campus
Goa	2017-18	2014A4PS0355G	Akshay Chugh	First	Yes	Off-Campus
Goa	2017-18	2014A4PS0357G	Nishant Chandrashekhar	First	No	NA
Goa	2017-18	2014A4PS0360G	Shubham Gupta	Second	Yes	On Campus
Goa	2017-18	2014A4PS0386G	Palash Goel	Second	Yes	On Campus
Goa	2017-18	2014A4PS0387G	Aviral Chauhan	First	Yes	On Campus
Goa	2017-18	2014A4PS0388G	Shesha Verma	First	Yes	On Campus
Goa	2017-18	2014A4PS0389G	Anshul Jain	First	Yes	On Campus
Goa	2017-18	2014A4PS0390G	Anshika Sahu	First	Yes	On Campus
Goa	2017-18	2014A4PS0766G	Shashwat	First	Yes	On Campus
Goa	2017-18	2014A4PS0768G	Aakash Singhal	Second	Yes	On Campus
Goa	2017-18	2014A4PS0769G	AbhijeetKakasaheb Rakde	Second	Yes	On Campus
Goa	2017-18	2014A7PS0002G	Mayank Bansal	First	Yes	On Campus
Goa	2017-18	2014A7PS0003G	HariS R	First	Yes	On Campus
Goa	2017-18	2014A7PS0004G	Sanket Govind Chaudhari	First	Yes	On Campus
Goa	2017-18	2014A7PS0005G	SuhasSujith Pai	First	Yes	PPO (Summer Internship)

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017-18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Goa	2017-18	2014A7PS0006G	Sravan KumarVeera Venkata Pasupuleti	Second	Yes	On Campus
Goa	2017-18	2014A7PS0007G	Vishal Agrawal	Second	Yes	On Campus
Goa	2017-18	2014A7PS0008G	Bhuvan Gupta	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0013G	Pankaj Agarwal	Second	Yes	On Campus
Goa	2017-18	2014A7PS0014G	Rohan Goel	Second	Yes	On Campus
Goa	2017-18	2014A7PS0016G	PriyankaSunil Patel	First	Yes	PPO(Summer Internship)
Goa	2017-18	2014A7PS0018G	Rohan Toteja	Second	Yes	On Campus
Goa	2017-18	2014A7PS0020G	Dhruv Passey	First	Yes	PPO(Summer Internship)
Goa	2017-18	2014A7PS0021G	Priyank Lodha	First	Yes	On Campus
Goa	2017-18	2014A7PS0023G	JainamAmish Shah	First	Yes	On Campus
Goa	2017-18	2014A7PS0024G	Ishita Malviya	First	Yes	On Campus
Goa	2017-18	2014A7PS0025G	AbhijeetPratap Singh	First	Yes	On Campus
Goa	2017-18	2014A7PS0026G	Nidhi Kadkol	First	Yes	On Campus
Goa	2017-18	2014A7PS0028G	SaiLikhith Kotha	Second	Yes	On Campus
Goa	2017-18	2014A7PS0029G	Rishabh	First	Yes	On Campus
Goa	2017-18	2014A7PS0030G	AbhimanyuSingh Shekhawat	First	Yes	On Campus
Goa	2017-18	2014A7PS0033G	Bharath Thokala	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0034G	OmkarRavindra Kulkarni	First	Yes	On Campus
Goa	2017-18	2014A7PS0035G	Nikhil Rajesh Virmani	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0038G	Utkarsh Vaish	Second	Yes	On Campus
Goa	2017-18	2014A7PS0039G	Prakhar Khandelwal	First	Yes	On Campus
Goa	2017-18	2014A7PS0040G	ShubhamRamdas Pagui	First	Yes	On Campus
Goa	2017-18	2014A7PS0044G	Chintan Betrabet	First	Yes	PPO (Summer Internship)
Goa	2017-18	2014A7PS0045G	Karthik Masalchi	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0047G	DhanuRaja Pillai	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0048G	MeghrajManikrao Jagtap	Second	Yes	On Campus
Goa	2017-18	2014A7PS0050G	Divyansh Gupta	Second	Yes	On Campus
Goa	2017-18	2014A7PS0051G	Anant Sharma	First	Yes	On Campus
Goa	2017-18	2014A7PS0052G	HimanshuSatish Lakhotiya	Second	Yes	On Campus
Goa	2017-18	2014A7PS0053G	Mayank Anchlia	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0054G	Murali Aniruddhan	First	Yes	On Campus
Goa	2017-18	2014A7PS0058G	Panshul Garg	Second	Yes	On Campus
Goa	2017-18	2014A7PS0060G	Suryansh Tk	Second	Yes	On Campus
Goa	2017-18	2014A7PS0062G	Adarsh	First	Yes	On Campus
Goa	2017-18	2014A7PS0065G	Gourav Goel	Second	Yes	On Campus
Goa	2017-18	2014A7PS0067G	Vatsal Goyal	First	Yes	On Campus
Goa	2017-18	2014A7PS0068G	Ishani Ghose	First	Yes	On Campus
Goa	2017-18	2014A7PS0069G	Rishabh Jain	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0070G	SaurabhRadheshyam Sikchi	Second	Yes	On Campus
Goa	2017-18	2014A7PS0073G	Yash Karnawat	First	Yes	On Campus
Goa	2017-18	2014A7PS0074G	Ayush Sharma	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0075G	PuneethSrinivas Mohan Saladi	First	Yes	On Campus
Goa	2017-18	2014A7PS0076G	Sakshi Sharma	First	Yes	On Campus
Goa	2017-18	2014A7PS0078G	Kartik Kenny	First	Yes	On Campus
Goa	2017-18	2014A7PS0080G	NishigandhaSunil Kulkarni	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0081G	AmitKiran Rege	First	Yes	On Campus
Goa	2017-18	2014A7PS0083G	Ayush Agarwal	First	Yes	On Campus
Goa	2017-18	2014A7PS0084G	Arnav Dixit	Second	Yes	On Campus

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Goa	2017-18	2014A7PS0085G	ShubhamRajeev Agarkar	First	Yes	On Campus
Goa	2017-18	2014A7PS0088G	Srajan Gupta	First	Yes	On Campus
Goa	2017-18	2014A7PS0089G	NeelMilind Renavikar	Second	Yes	On Campus
Goa	2017-18	2014A7PS0090G	Aparajita	First	Yes	On Campus
Goa	2017-18	2014A7PS0091G	Palash Hurkat	Second	Yes	On Campus
Goa	2017-18	2014A7PS0094G	KhushalChandresh Modi	First	Yes	On Campus
Goa	2017-18	2014A7PS0096G	Kushagr Arora	First	Yes	On Campus
Goa	2017-18	2014A7PS0098G	Gokul Dinesh	Second	Yes	On Campus
Goa	2017-18	2014A7PS0099G	Roopam Vyas	Second	Yes	On Campus
Goa	2017-18	2014A7PS0100G	Prashant Pandey	Second	Yes	On Campus
Goa	2017-18	2014A7PS0101G	Prathamesh Satish Gabale	Second	Yes	On Campus
Goa	2017-18	2014A7PS0102G	Vassalla Routray	First	Yes	On Campus
Goa	2017-18	2014A7PS0103G	YashShailesh Mehta	First	Yes	On Campus
Goa	2017-18	2014A7PS0105G	Pathikrit Ghosh	First	Yes	On Campus
Goa	2017-18	2014A7PS0106G	Ajay Yadav	First	Yes	On Campus
Goa	2017-18	2014A7PS0107G	Varun Goyal	First	Yes	On Campus
Goa	2017-18	2014A7PS0108G	KalyanKumar Datta	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0109G	Suhaib Soni	Second	Yes	On Campus
Goa	2017-18	2014A7PS0110G	Balasubramaniam G	First	Yes	On Campus
Goa	2017-18	2014A7PS0111G	PrudhviTej Jayanthi	Second	Yes	On Campus
Goa	2017-18	2014A7PS0112G	SaswatKumar Rout	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0114G	Rishab Parakh	First	Yes	On Campus
Goa	2017-18	2014A7PS0117G	SaiPranay Malipatil	Second	Yes	On Campus
Goa	2017-18	2014A7PS0119G	Arnav Kumar	Second	Yes	On Campus
Goa	2017-18	2014A7PS0120G	ManalPradeep Dave	Second	Yes	On Campus
Goa	2017-18	2014A7PS0121G	Taveesh Sharma	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0122G	Atul Parthasarathy	First	Yes	On Campus
Goa	2017-18	2014A7PS0124G	Somya Shubhangi	Second	Yes	On Campus
Goa	2017-18	2014A7PS0127G	Kratika Chandra	First	Yes	On Campus
Goa	2017-18	2014A7PS0356G	Pulkit Agarwal	First	Yes	PPO(Summer Internship)
Goa	2017-18	2014A7PS0393G	ChiragRamdas Pabbaraju	First	Yes	On Campus
Goa	2017-18	2014A7PS0403G	Amit Agarwal	First	Yes	On Campus
Goa	2017-18	2014A7PS0616G	Sravya Yarlagadda	Second	Yes	On Campus
Goa	2017-18	2014A7PS0688G	Saachi Grover	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0771G	Ekansh Jain	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0772G	Nikhil Tripathi	First	Yes	On Campus
Goa	2017-18	2014A7PS0773G	Shubham Keserwani	Second	Yes	PPO(PSII)
Goa	2017-18	2014A7PS0774G	Sangol Tejas	First	Yes	On Campus
Goa	2017-18	2014A8PS0342G	Divyank Jain	Second	Yes	PPO(PSII)
Goa	2017-18	2014A8PS0363G	Abhik Adarsh	Second	Yes	On Campus
Goa	2017-18	2014A8PS0370G	ParthAshwin Thakkar	Second	Yes	On Campus
Goa	2017-18	2014A8PS0378G	Shweta Chaturvedi	Second	Yes	PPO(PSII)
Goa	2017-18	2014A8PS0380G	Siddhartha	Second	Yes	On Campus
Goa	2017-18	2014A8PS0400G	Akshit Goyal	Second	Yes	On Campus
Goa	2017-18	2014A8PS0407G	Prerna Dave	Second	Yes	On Campus
Goa	2017-18	2014A8PS0408G	Rahul Mehta	Second	Yes	On Campus
Goa	2017-18	2014A8PS0410G	LeahRachel Chacko	Second	Yes	On Campus
Goa	2017-18	2014A8PS0411G	RahulKumar Tiwary	Second	Yes	On Campus
Goa	2017-18	2014A8PS0416G	AmeyaRahul Nerlekar	First	Yes	On Campus
Goa	2017-18	2014A8PS0417G	Piyush Tiwari	First	No	NA
Goa	2017-18	2014A8PS0420G	Tushar Gothankar	First	Yes	On Campus

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017-18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Goa	2017-18	2014A8PS0421G	Nishant Jha	First	Yes	On Campus
Goa	2017-18	2014A8PS0422G	Arindam Dhar	Second	Yes	PPO(PSII)
Goa	2017-18	2014A8PS0423G	DasariPavan Sai	Second	Yes	PPO(PSII)
Goa	2017-18	2014A8PS0424G	VarunKumar Kadambala	First	Yes	On Campus
Goa	2017-18	2014A8PS0430G	Shubham Saraswat	Second	Yes	On Campus
Goa	2017-18	2014A8PS0432G	VallaKurmanadha Rao	Second	Yes	On Campus
Goa	2017-18	2014A8PS0434G	Ishant Gupta	Second	Yes	On Campus
Goa	2017-18	2014A8PS0435G	Nishant Ravindra	Second	No	NA
Goa	2017-18	2014A8PS0436G	Shantam Kumar	Second	Yes	PPO(PSII)
Goa	2017-18	2014A8PS0440G	Abhijeet Pandey	Second	Yes	On Campus
Goa	2017-18	2014A8PS0441G	VaibhavKailas Bachhav	Second	Yes	On Campus
Goa	2017-18	2014A8PS0444G	ChandupatlaAnurag Reddy	First	Yes	On Campus
Goa	2017-18	2014A8PS0446G	Swaminathan Balachandran	Second	Yes	On Campus
Goa	2017-18	2014A8PS0450G	Tejas Agrawal	Second	Yes	On Campus
Goa	2017-18	2014A8PS0460G	Abhinav Rajput	Second	Yes	On Campus
Goa	2017-18	2014A8PS0461G	Akshita Mittal	Second	Yes	On Campus
Goa	2017-18	2014A8PS0470G	Kaustubh Poal	First	Yes	On Campus
Goa	2017-18	2014A8PS0474G	Akshay Ginodia	Second	Yes	On Campus
Goa	2017-18	2014A8PS0481G	Nandan Thakur	Second	Yes	On Campus
Goa	2017-18	2014A8PS0493G	Akshay Kumar	First	Yes	On Campus
Goa	2017-18	2014A8PS0500G	Anjani Josyula	Second	Yes	On Campus
Goa	2017-18	2014A8PS0505G	ShubhankarAnil Pawade	Second	Yes	On Campus
Goa	2017-18	2014A8PS0507G	Debaditya Basu	First	Yes	On Campus
Goa	2017-18	2014A8PS0514G	Abhilash Dhar	First	Yes	On Campus
Goa	2017-18	2014A8PS0518G	Abhas Upadhayay	Second	Yes	On Campus
Goa	2017-18	2014A8PS0520G	KshitiJSatish Malani	Second	Yes	On Campus
Goa	2017-18	2014A8PS0521G	VedantRajeev Bajoria	Second	Yes	On Campus
Goa	2017-18	2014A8PS0775G	SahityaSetu Tahiiliani	Second	Yes	On Campus
Goa	2017-18	2014A8PS0776G	RichangVinod Goyal	First	Yes	On Campus
Goa	2017-18	2014A8PS0779G	Suryansh Upadhyay	First	No	NA
Goa	2017-18	2014A8PS0780G	Jayanth Indraganti	Second	Yes	PPO(PSII)
Goa	2017-18	2014A8PS0781G	HiteshKumar Balapanuru	First	Yes	On Campus
Goa	2017-18	2014A8PS0840G	KalyanRam Vallabhajoshula	Second	Yes	On Campus
Goa	2017-18	2014A8PS0848G	TaabishSaeed Alam	Second	Yes	On Campus
Goa	2017-18	2014A8PS0853G	Gaurav Bahirvani	First	Yes	On Campus
Goa	2017-18	2014B3PS0560G	SomisettySai Sumanth	Second	Yes	On Campus
Goa	2017-18	2014B4PS0565G	TejaSairam Jonnadula	Second	Yes	On Campus
Goa	2017-18	2014B4PS467G	SamariddhiVimal Chandak	Second	Yes	On Campus
Goa	2017-18	2016H1010008G	Manu Malladi	First	No	NA
Goa	2017-18	2016H1010009G	SohamSurendra Kale	First	Yes	Off-Campus
Goa	2017-18	2016H1010011G	Nikhil Sasidharan	First	Yes	On Campus
Goa	2017-18	2016H1010012G	Shuchi	First	Yes	Off-Campus
Goa	2017-18	2016H1010013G	AmbikaNanda Parab	First	Yes	On Campus
Goa	2017-18	2016H1030014G	Mayank Chaudhari	First	Yes	On Campus
Goa	2017-18	2016H1030015G	Pronoy Barua	First	Yes	On Campus
Goa	2017-18	2016H1030016G	Rishikesh S	First	Yes	On Campus
Goa	2017-18	2016H1030017G	DineshKumar Sahu	First	Yes	On Campus
Goa	2017-18	2016H1030019G	SaurabhSingh Parmar	First	Yes	On Campus
Goa	2017-18	2016H1030020G	Aman Bhalla	First	Yes	On Campus
Goa	2017-18	2016H1030021G	AnkitKantilal Chaniyara	First	Yes	On Campus
Goa	2017-18	2016H1030022G	AakashNelson Mattukoyya	First	Yes	On Campus
Goa	2017-18	2016H1230023G	SnehalPandharinath Gite	First	Yes	On Campus

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Goa	2017-18	2016H1230024G	AthulPrasad Pg	First	Yes	On Campus
Goa	2017-18	2016H1230025G	Rishabh Bhargav	First	Yes	On Campus
Goa	2017-18	2016H1230026G	Bibekananda Bora	First	Yes	On Campus
Goa	2017-18	2016H1230028G	Aditya Anand	First	Yes	On Campus
Goa	2017-18	2016H1230029G	Anirudh Mv	First	Yes	On Campus
Goa	2017-18	2016H1230030G	P Shyam	First	Yes	On Campus
Goa	2017-18	2016H1230031G	Sahithi Paleti	First	Yes	On Campus
Goa	2017-18	2016H1230032G	JvalantAshokbhai Chovatiya	First	Yes	On Campus
Goa	2017-18	2016H1230034G	SeethaLakshmi Radhakrishnan	First	Yes	On Campus
Goa	2017-18	2016H1230035G	Shivansh Pathak	First	Yes	On Campus
Goa	2017-18	2016H1290002G	Saranya	First	No	NA
Goa	2017-18	2016H1290004G	Namitha Narayanan	First	No	NA
Goa	2017-18	2016H1400036G	KS Sumish	First	Yes	On Campus
Goa	2017-18	2016H1400037G	ShrutiR Chittawadgi	First	Yes	On Campus
Goa	2017-18	2016H1400038G	Suhina Pal	First	Yes	On Campus
Goa	2017-18	2016H1400039G	RaveenaRamanand Raikar	First	Yes	On Campus
Goa	2017-18	2016H1400040G	Dhivya N	First	Yes	On Campus
Goa	2017-18	2016H1400041G	LalitMurlidhar Chaudhari	First	Yes	On Campus
Goa	2017-18	2016H1400042G	KishoreKumar Rajadurai	First	Yes	On Campus
Hyderabad	2017-18	2011HD24727H	Anurag Chakraborty	1	Yes	On Campus
Hyderabad	2017-18	2012B1A2745H	Aviral Singhal	1	No	NA
Hyderabad	2017-18	2013A1AB582H	Soham Jariwala	2	No	NA
Hyderabad	2017-18	2013A1PS484H	Rahul Bonala	2	No	NA
Hyderabad	2017-18	2013A1PS905H	Srinivass Ms	1	No	NA
Hyderabad	2017-18	2013A3PS400H	Aman Nidhi	1	Yes	On Campus
Hyderabad	2017-18	2013A3PS414H	Shubham Bhardwaj	1	Yes	On Campus
Hyderabad	2017-18	2013A4B3322H	Meghana Yerabati	2	Yes	On Campus
Hyderabad	2017-18	2013A7PS083H	SriHarshitha Vutukuru	1	No	NA
Hyderabad	2017-18	2013A7PS193H	Nallamilli Sandeep Reddy	2	No	NA
Hyderabad	2017-18	2013A8PS528H	Utkarsh Kumar	1	Yes	Off-Campus
Hyderabad	2017-18	2013A8PS541H	GirishVamsi Pallamreddy	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013AAPS291H	Konduru Akhil	2	No	NA
Hyderabad	2017-18	2013AAPS305H	Sharadind Peddiraju	1	No	NA
Hyderabad	2017-18	2013B1A1482H	Anshull Mishra	1	No	NA
Hyderabad	2017-18	2013B1A1662H	SwagathkumarReddy Kristapati	1	No	NA
Hyderabad	2017-18	2013B1A1698H	ThanujaReddy Bollu	2	No	NA
Hyderabad	2017-18	2013B1A1756H	Sushanto Mukherjee	1	No	NA
Hyderabad	2017-18	2013B1A1821H	Sumanth Reddy	1	No	NA
Hyderabad	2017-18	2013B1A1827H	KothuriSri Charan	2	Yes	On Campus
Hyderabad	2017-18	2013B1A2641H	Kiranmayi Vedantham	1	No	NA
Hyderabad	2017-18	2013B1A2880H	Mithilesh Tummala	1	No	NA
Hyderabad	2017-18	2013B1A3871H	Govardhani Parvathaneni	2	Yes	On Campus
Hyderabad	2017-18	2013B1A3884H	Urvashi Singh	2	Yes	On Campus
Hyderabad	2017-18	2013B1A4448H	Saisripriyanka Tumuluri	2	Yes	On Campus
Hyderabad	2017-18	2013B1A4656H	VarunKumar Pottigari	2	Yes	On Campus
Hyderabad	2017-18	2013B1A4824H	Chaganti Kashyap	2	No	NA
Hyderabad	2017-18	2013B1A4874H	Saisindhuja Nanduri	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B1A7579H	Ayan Bharadwaj	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B1A8839H	Vikram Venkatesh	1	Yes	On Campus
Hyderabad	2017-18	2013B1AA355H	Lakshay Modi	2	No	NA
Hyderabad	2017-18	2013B1AB475H	PuchalaRamtarunreddy	2	No	NA
Hyderabad	2017-18	2013B1AB730H	KavuriSai Sushanth	2	Yes	On Campus

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Hyderabad	2017-18	2013B1AB747H	KanishkUday Patel	2	Yes	On Campus
Hyderabad	2017-18	2013B1AB778H	PalaparathiVenkata Raviteja	2	No	NA
Hyderabad	2017-18	2013B1AB792H	GouruRaghuveera Reddy	2	No	NA
Hyderabad	2017-18	2013B2A1639H	Shreshth Hari	2	Yes	On Campus
Hyderabad	2017-18	2013B2A2632H	SadhanaReddy Adavelli	2	No	NA
Hyderabad	2017-18	2013B2A2775H	Rajesh Varma Datla	2	No	NA
Hyderabad	2017-18	2013B2A3367H	BukkapindlaAnand Babu	2	Yes	On Campus
Hyderabad	2017-18	2013B2A3621H	Srija Malyala	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B2A3716H	EddulaMaithri Reddy	2	No	NA
Hyderabad	2017-18	2013B2A3729H	Srikar Bakka	2	Yes	On Campus
Hyderabad	2017-18	2013B2A3887H	PochanaSanthoshkumar Reddy	2	No	NA
Hyderabad	2017-18	2013B2A4825H	SudhaVarsha Pothana	2	Yes	On Campus
Hyderabad	2017-18	2013B2A4858H	Pooja Ranganathan	1	Yes	On Campus
Hyderabad	2017-18	2013B2A4901H	RuthSelena Kappela	1	Yes	On Campus
Hyderabad	2017-18	2013B2A7534H	Nagaisaisri Kamineni	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B2A7754H	Deepali Reddy	2	Yes	On Campus
Hyderabad	2017-18	2013B2A7865H	KrunalKantilal Patel	1	Yes	On Campus
Hyderabad	2017-18	2013B2A8774H	Saipranavi Avadhanam	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B2A8854H	Kriti Sharma	2	Yes	On Campus
Hyderabad	2017-18	2013B2AA419H	Mritunjai Chandra	2	Yes	On Campus
Hyderabad	2017-18	2013B2AA518H	Abhijeet Kumar Singh	2	Yes	On Campus
Hyderabad	2017-18	2013B2AA758H	Amitesh Soni	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B2AA867H	Harshita Jha	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B2AB363H	GokulT Anandan	2	No	NA
Hyderabad	2017-18	2013B2AB830H	Srisai Macha	2	No	NA
Hyderabad	2017-18	2013B3A1648H	Sudhanshu Kansal	2	Yes	On Campus
Hyderabad	2017-18	2013B3A1666H	Pratyush Sharan	2	Yes	On Campus
Hyderabad	2017-18	2013B3A3474H	Garikipati Sreeharipriya	2	Yes	On Campus
Hyderabad	2017-18	2013B3A3530H	Sanjay	2	Yes	Off-Campus
Hyderabad	2017-18	2013B3A3566H	SaiPranav Chilukuri	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B3A3693H	Mounica Kunta	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B3A3715H	Ankit Gupta	2	Yes	On Campus
Hyderabad	2017-18	2013B3A3724H	Shivani Agrawal	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B3A4619H	DheerajVarma Manthena	2	No	NA
Hyderabad	2017-18	2013B3A4706H	Ronit Chidara	2	No	NA
Hyderabad	2017-18	2013B3A4717H	SyedUbedulla Khadri	2	Yes	On Campus
Hyderabad	2017-18	2013B3A7393H	AkshaySubhash Bhat	1	Yes	On Campus
Hyderabad	2017-18	2013B3A7487H	Karthik Menon	1	Yes	On Campus
Hyderabad	2017-18	2013B3A7506H	Shubham Kundra	1	Yes	On Campus
Hyderabad	2017-18	2013B3A7591H	SivaCharan I V S	2	Yes	On Campus
Hyderabad	2017-18	2013B3A7595H	GunasekharDora Kovvuru	2	Yes	On Campus
Hyderabad	2017-18	2013B3A7601H	PrashantKumar Lalwani	1	Yes	On Campus
Hyderabad	2017-18	2013B3A7612H	Akash Singh	1	Yes	On Campus
Hyderabad	2017-18	2013B3A7644H	Nitya Joshi	2	No	NA
Hyderabad	2017-18	2013B3A7657H	Bhavya Mishra	1	Yes	On Campus
Hyderabad	2017-18	2013B3A7660H	Anoop ChanduSai Rama Kunisetty	1	yes	On Campus
Hyderabad	2017-18	2013B3A7675H	Mohit Jain	1	Yes	On Campus
Hyderabad	2017-18	2013B3A7697H	M Laxmiprasanna	2	Yes	On Campus
Hyderabad	2017-18	2013B3A7719H	Manaswini Pandey	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B3A7723H	Abdul Khalik Shaik	2	Yes	On Campus
Hyderabad	2017-18	2013B3A7734H	ValluriGopichand	2	No	NA

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Hyderabad	2017-18	2013B3A8376H	TushitAmit Thakkar	2	No	NA
Hyderabad	2017-18	2013B3A8689H	SaiSamvarun Rajulapati	2	No	NA
Hyderabad	2017-18	2013B3AA624H	VikasRaj Kotha	2	No	NA
Hyderabad	2017-18	2013B3AA663H	Saisrisrujana Gottumukkala	2	Yes	On Campus
Hyderabad	2017-18	2013B3AA670H	Harsh Goyal	2	Yes	On Campus
Hyderabad	2017-18	2013B3AA678H	Saumen Bhattacharjee	2	Yes	On Campus
Hyderabad	2017-18	2013B3AA684H	Hardik Shah	2	Yes	On Campus
Hyderabad	2017-18	2013B3AA686H	HarshitChand Sajja	2	Yes	On Campus
Hyderabad	2017-18	2013B3AA725H	Rajat Seth	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B3AA726H	SaumyaChandrashekhar Gattani	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B3AA741H	SRUJAN KORRAPATI	2	Yes	On Campus
Hyderabad	2017-18	2013B3AB604H	Vidur Monga	2	Yes	On Campus
Hyderabad	2017-18	2013B4A1492H	BarkhaMahendrakumar Taori	1	Yes	On Campus
Hyderabad	2017-18	2013B4A1524H	Sashank Karanam	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B4A3426H	Raviteja Yalam	2	No	NA
Hyderabad	2017-18	2013B4A3460H	Aditya Vikram	2	Yes	On Campus
Hyderabad	2017-18	2013B4A3521H	Vibhu Jain	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B4A3537H	Kapil Gupta	2	Yes	On Campus
Hyderabad	2017-18	2013B4A3640H	Shubham Ranjan	2	Yes	On Campus
Hyderabad	2017-18	2013B4A3761H	Ashwin Joshi	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B4A3781H	SaishravanReddy Koukuntla	2	No	NA
Hyderabad	2017-18	2013B4A3845H	NandishSanjay Soni	2	No	NA
Hyderabad	2017-18	2013B4A3902H	VenkateshwaraRao Gopiseti	2	Yes	On Campus
Hyderabad	2017-18	2013B4A4440H	HemanthReddy Busireddy	2	No	NA
Hyderabad	2017-18	2013B4A4704H	Aditya Sharma	2	Yes	On Campus
Hyderabad	2017-18	2013B4A4731H	KrishnaChaitanya B	2	Yes	Off-Campus
Hyderabad	2017-18	2013B4A4889H	Karan Tayal	2	Yes	On Campus
Hyderabad	2017-18	2013B4A7423H	JinuMulekudi Sunil	1	Yes	On Campus
Hyderabad	2017-18	2013B4A7527H	Anmol Agarwal	1	Yes	On Campus
Hyderabad	2017-18	2013B4A7665H	Stuti Sabharwal	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B4A7669H	Chavi Gupta	1	Yes	On Campus
Hyderabad	2017-18	2013B4A7694H	RaghavenderReddy Vedire	2	Yes	On Campus
Hyderabad	2017-18	2013B4A7695H	Rhythm Jain	2	Yes	On Campus
Hyderabad	2017-18	2013B4A7733H	Suraj A	1	Yes	On Campus
Hyderabad	2017-18	2013B4A7807H	Parul Goyal	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B4A7829H	Anuraj Kanodia	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B4A7847H	Sriharshitha Velivelli	1	Yes	On Campus
Hyderabad	2017-18	2013B4A7864H	Himanshu Bagga	2	Yes	PPO(PSII)
Hyderabad	2017-18	2013B4A8636H	Prasuk Jain	2	No	NA
Hyderabad	2017-18	2013B4A8659H	Sreeja Yalamaddi	2	No	NA
Hyderabad	2017-18	2013B4A8664H	Arnav Gupta	2	No	NA
Hyderabad	2017-18	2013B4A8755H	VamshidharReddy Cherukupalli	2	Yes	On Campus
Hyderabad	2017-18	2013B4AA544H	Vineel Yellapantula	2	Yes	On Campus
Hyderabad	2017-18	2013B4AA682H	Jatin Lalwani	2	Yes	On Campus
Hyderabad	2017-18	2013B4AA763H	Pranay Singh	2	Yes	On Campus
Hyderabad	2017-18	2013B4AA779H	Apoorva Shridhar	2	Yes	On Campus
Hyderabad	2017-18	2013B4AA799H	Sasank Thumati	2	Yes	On Campus
Hyderabad	2017-18	2013B4AA855H	Likhitha Bezawada	2	No	NA
Hyderabad	2017-18	2013B4AA886H	Veerav Chebrolu	2	Yes	On Campus
Hyderabad	2017-18	2013B4AB488H	MadadiPranoy Raj	2	Yes	On Campus
Hyderabad	2017-18	2013B4PS769H	RitwickP Rao	2	No	NA
Hyderabad	2017-18	2013B5A4434H	AdityaPratap Singh	2	No	NA

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Hyderabad	2017-18	2013B5A4479H	SaikiranReddy Avuthu	1	No	NA
Hyderabad	2017-18	2013B5A4667H	VarunSingh Shekhawat	2	Yes	On Campus
Hyderabad	2017-18	2013B5A4832H	BharathKumar B	2	Yes	On Campus
Hyderabad	2017-18	2013B5A4842H	Vaibhav Jain	2	Yes	On Campus
Hyderabad	2017-18	2013B5A4891H	OjasSunil Gupta	2	Yes	On Campus
Hyderabad	2017-18	2013B5A7064H	Vasudha V	1	Yes	On Campus
Hyderabad	2017-18	2013B5A7561H	Prasanth Yadla	2	Yes	On Campus
Hyderabad	2017-18	2013B5A7637H	ArvindPrasad Oruganti	2	Yes	On Campus
Hyderabad	2017-18	2013B5A7653H	Anuroop Gireesan	1	Yes	On Campus
Hyderabad	2017-18	2013B5A7655H	Hariram S	1	Yes	On Campus
Hyderabad	2017-18	2013B5A7748H	Juhi Garg	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2013B5A7836H	Shashwat Vardhana	2	Yes	On Campus
Hyderabad	2017-18	2013B5A7841H	Ridam Jain	1	yes	On Campus
Hyderabad	2017-18	2013B5A8536H	MadhavNarayan Bhat	1	Yes	On Campus
Hyderabad	2017-18	2013B5A8642H	Kartik Jain	2	Yes	On Campus
Hyderabad	2017-18	2013B5A8815H	Vyom Joshi	2	No	NA
Hyderabad	2017-18	2013B5AA567H	Rahuil Srinivasan	2	No	NA
Hyderabad	2017-18	2013B5AA577H	SabihuzzamaMohemmad Siddiqui	2	Yes	On Campus
Hyderabad	2017-18	2013B5AA869H	Rohan Banerjee	2	No	NA
Hyderabad	2017-18	2013B5AB752H	Praneeth Bheema	1	No	NA
Hyderabad	2017-18	2013B5AB771H	Ramkrishna	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS356H	Prabal Sharma	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A1PS405H	DeepakKumar Kedia	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS408H	Nitisha Mittal	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS450H	Mulakaluri Disesh	1	No	NA
Hyderabad	2017-18	2014A1PS469H	RajRanjan Singh	2	yes	On Campus
Hyderabad	2017-18	2014A1PS473H	Sanket Rathi	1	Yes	On Campus
Hyderabad	2017-18	2014A1PS499H	Akash Agrawal	1	No	NA
Hyderabad	2017-18	2014A1PS508H	Shruti Jha	1	Yes	On Campus
Hyderabad	2017-18	2014A1PS516H	Rishab Vijay Vargia	1	Yes	On Campus
Hyderabad	2017-18	2014A1PS528H	Namrata Verma	1	No	NA
Hyderabad	2017-18	2014A1PS530H	ArunPrakash Mohta	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS532H	VikashKumar Gupta	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS545H	ShubhamA Jain	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS565H	Rahul Ghattamaneni	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS566H	Amandeep Singh	1	Yes	On Campus
Hyderabad	2017-18	2014A1PS570H	KrutarthMahendrabhai Kamani	1	No	NA
Hyderabad	2017-18	2014A1PS578H	Sneha Khaitan	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS595H	SainathSuryakant Mamde	1	No	NA
Hyderabad	2017-18	2014A1PS609H	Pragati Gupta	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS610H	Sreekar Guggilam	1	No	NA
Hyderabad	2017-18	2014A1PS618H	Neha Jain	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS632H	Yash Lata	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS638H	Krishna Kumar	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS647H	KaranRamesh Khubdikar	1	No	NA
Hyderabad	2017-18	2014A1PS652H	RepakaCharitha Reddy	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS660H	AmanAshish Shah	1	Yes	On Campus
Hyderabad	2017-18	2014A1PS685H	DonthiReddy Kartheek	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS701H	Lokesh Anaparthi	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS706H	SantoshMohan Rout	2	No	NA
Hyderabad	2017-18	2014A1PS713H	Sarthak Mahapatra	1	Yes	On Campus

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Hyderabad	2017-18	2014A1PS724H	Anurag Agrawal	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS879H	Roshan Komaravolu	1	No	NA
Hyderabad	2017-18	2014A1PS882H	Shivans Singh	2	Yes	On Campus
Hyderabad	2017-18	2014A1PS884H	Kush Gupta	1	Yes	PPO(PSII)
Hyderabad	2017-18	2014A1PS895H	MohammedShoebuddin Habeeb	1	Yes	On Campus
Hyderabad	2017-18	2014A2PS324H	Shreyansh Agrawal	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS373H	Ankur Kumar	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A2PS377H	PrasadHiralal Jain	1	Yes	On Campus
Hyderabad	2017-18	2014A2PS454H	Jai Srivastava	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS491H	Divyank Agarwal	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS494H	Swapnil Agarwal	2	No	NA
Hyderabad	2017-18	2014A2PS497H	ReddyKasi Vishwanth	1	No	NA
Hyderabad	2017-18	2014A2PS498H	Shivam Khandelwal	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS505H	MahimaPrasad Khuntia	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS513H	Dakshayani Yellanki	1	Yes	PPO (Summer Internship)
Hyderabad	2017-18	2014A2PS515H	Ayush Umrao	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A2PS522H	Manisha Kallepalle	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A2PS526H	ArumallaVamsidhar Reddy	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS539H	KranthiKiran Alapati	1	No	NA
Hyderabad	2017-18	2014A2PS540H	Muskan Agrawal	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS542H	Yashodeep	1	Yes	On Campus
Hyderabad	2017-18	2014A2PS546H	BandiSai Bhargav	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS549H	Saharsha Kanugo	1	Yes	On Campus
Hyderabad	2017-18	2014A2PS550H	ShanmukhaSaiavinash Gonnabathula	1	Yes	On Campus
Hyderabad	2017-18	2014A2PS555H	Shobhit Dixit	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS556H	VenkatasaiKrishna	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS557H	Harsh Mundra	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS559H	Rhythm Singhal	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS562H	Anurag Anand	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS567H	Praneeth Penuganti	1	No	NA
Hyderabad	2017-18	2014A2PS568H	AnkamRavi Teja	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS572H	Maramreddy Sanath	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS577H	Chanakya Cherukumalli	1	No	NA
Hyderabad	2017-18	2014A2PS580H	SangireddyVikram Reddy	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS583H	Rohan Sirupa	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS585H	Prakhar Chowdhry	1	No	NA
Hyderabad	2017-18	2014A2PS586H	AdityaTanaji Chavan	1	Yes	On Campus
Hyderabad	2017-18	2014A2PS587H	DhruvikBavchandbhai Vadadoriya	2	No	NA
Hyderabad	2017-18	2014A2PS590H	Bhavya Gupta	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS591H	BalineniAnantha Saisampath	1	No	NA
Hyderabad	2017-18	2014A2PS592H	Abhijeet Roy	1	Yes	On Campus
Hyderabad	2017-18	2014A2PS593H	ShivaniSanjay Mahaddalkar	1	No	NA
Hyderabad	2017-18	2014A2PS602H	AmulaVishalpramod Goud	2	Yes	On Campus
Hyderabad	2017-18	2014A2PS605H	RohanRajesh Singh	2	No	NA
Hyderabad	2017-18	2014A2PS606H	Kratagya Mittal	1	Yes	On Campus
Hyderabad	2017-18	2014A2PS635H	AdityaVardhan Ganji	1	No	NA
Hyderabad	2017-18	2014A2PS645H	Abhishikth Peri	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS031H	Lakshya Chaturvedi	2	Yes	On Campus

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Hyderabad	2017-18	2014A3PS036H	Himesh Kaminipaty	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS090H	RakeshReddy Guddeti	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS164H	S Suresh	2	No	NA
Hyderabad	2017-18	2014A3PS197H	Rohit Kvs	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS203H	VellampalliKavya	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS206H	Shweta Pandey	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS226H	Bhavesht Gupta	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS244H	Sachin Pippiri	2	No	NA
Hyderabad	2017-18	2014A3PS281H	Amrit Dash	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS293H	Dhairya Gandhi	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS303H	ArpanShankar Dutta	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS312H	KrishnaKamalkishor Dhoot	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS313H	Saranga Sriram	2	Yes	Off-Campus
Hyderabad	2017-18	2014A3PS319H	PrabhakarChowdary	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS323H	Prudhvi Gunuputi	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS340H	Vepakomma Sasanka	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS342H	Madhusudan Vyas	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS346H	Sankalp Jain	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS347H	UdayReddy Kollareddy	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS348H	Srinivasan Rajagopalan	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS350H	Dhruv Garg	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS352H	RushabhRajesh Gandhi	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS354H	SaiRakesh Saranam	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS357H	GauthamGunapati	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS361H	ErankiAjay Srivatsav	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS362H	AdityaRajesh Padode	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS365H	Abhishekramnath A	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS370H	Abhishek Verma	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS374H	Sai Surya Teja Kamiseti	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS375H	SreeramaCharan Gudimella	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS376H	Shreenath Vyas	1	No	NA
Hyderabad	2017-18	2014A3PS379H	SaiKoteswara Rao Chinni	1	No	NA
Hyderabad	2017-18	2014A3PS380H	Ravi Kumanduri	1	No	NA
Hyderabad	2017-18	2014A3PS382H	Divvyva Sinha	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS383H	Somu Rahul	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS386H	Abhiram Mudumba	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS387H	SaiSiddhartha Metta	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS388H	MonilAtul Shah	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS389H	Rohit Kattekola	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS390H	Bavanari Pushyamitra	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS391H	Aditya Rai	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS393H	AkshayKadubal Borude	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS401H	Shiva Tripathi	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS407H	SatyaJeetu Ganguri	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS410H	NalaboluBharath Reddy	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS416H	Sampada Desai	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS418H	SiddharthKumar Singh	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A3PS421H	Chitresh Jain	1	No	NA
Hyderabad	2017-18	2014A3PS423H	MeghajPrasad Patil	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS427H	Aayush Sharma	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS429H	Juhi Sharma	1	No	NA
Hyderabad	2017-18	2014A3PS431H	Shaurya Bajaj	2	Yes	PPO(PSII)

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Hyderabad	2017-18	2014A3PS432H	Aravind Choutpally	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS434H	V Mani Ratnam	2	No	NA
Hyderabad	2017-18	2014A3PS435H	Parthasarathi Kumar	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS594H	Rahul Agarwal	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS615H	Vishal Sharma	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS616H	ChukkapalliRavi Teja	2	Yes	Off-Campus
Hyderabad	2017-18	2014A3PS642H	SaurabhGirish Agrawal	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS823H	Rishabh Arora	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS825H	Ansh Rupani	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS827H	Richa Choudhary	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS828H	KaranAnil Desai	2	Yes	On Campus
Hyderabad	2017-18	2014A3PS829H	Akriti Trivedi	1	Yes	On Campus
Hyderabad	2017-18	2014A3PS831H	Raghava Raj	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS066H	Likhith Karanuthala	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS133H	AiluriRajashekhar Reddy	2	No	NA
Hyderabad	2017-18	2014A4PS147H	Mourya SaiKowshik Pesala	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS160H	Nikhil Guntreddi	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS181H	Kushankur Datta	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS182H	OnkarArvind Phatak	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS183H	Sridhar R	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS204H	SaurabhJaysing Kedar	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS260H	Venkata Kartheek Karnati	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS261H	DineshkumarReddy Kancham	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS273H	Jathin Katikala	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS275H	MadhavSingh Gurjar	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS278H	Sushmitha Beled	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS286H	Rithvik Bhonagiri	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS325H	PoornaSai Muthyala	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS343H	AdityaNarayan	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS345H	Raviteja Vakkalagadda	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS360H	JinagaUjwal Kishore	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS368H	Munichaitanya Polavarapu	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS378H	SriHarsha Grandhi	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS396H	Jaideep Kola	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS399H	MdShahzaib Faizan	1	No	NA
Hyderabad	2017-18	2014A4PS404H	PreethamReddy Pareddy	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS412H	GokulNanda G	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS419H	SupreetPravin Kurdekar	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS426H	HemanthReddy Onteddu	1	No	NA
Hyderabad	2017-18	2014A4PS441H	Rakshith Koor	1	No	NA
Hyderabad	2017-18	2014A4PS445H	SaiSuraj Narava	2	No	NA
Hyderabad	2017-18	2014A4PS446H	Aditya Gadepalli	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS447H	Aravind Dhulipala	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS451H	SaiTeja Miryala	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS453H	Lingamallu Naga Sai Gopi Krishna	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS456H	RohanVipulkumar Dvivedi	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS458H	Rutwik Donga	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS460H	Rahul Cc	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS466H	RahulChowdary Kunku	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS468H	Missula Kartik	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS482H	Anirudh Kasugunti	2	Yes	On Campus

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Hyderabad	2017-18	2014A4PS483H	Sagar Singhal	2	No	NA
Hyderabad	2017-18	2014A4PS834H	Jyotirmoy Pain	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS835H	BalivadaSai Akhil	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS836H	Mayank Jain	1	Yes	On Campus
Hyderabad	2017-18	2014A4PS838H	DhairyaKaushikkumar Patel	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS843H	Aakrit Balwant Patel	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS845H	SaumitraRavikiran Mahajan	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS848H	Rohan Sharma	2	Yes	On Campus
Hyderabad	2017-18	2014A4PS849H	Kartikay Srivastava	1	Yes	PPO(PSII)
Hyderabad	2017-18	2014A4PS852H	Bhargav Dobbala	2	Yes	Off-Campus
Hyderabad	2017-18	2014A4PS854H	HarshavardhanReddy Mr	2	Yes	On Campus
Hyderabad	2017-18	2014A5PS808H	SriramaSiddhartha Palavajhala	1	No	NA
Hyderabad	2017-18	2014A5PS809H	NittalaSarath Chandra	2	Yes	On Campus
Hyderabad	2017-18	2014A5PS810H	Anuranjan	2	Yes	On Campus
Hyderabad	2017-18	2014A5PS811H	Vignesh Reddy	2	Yes	On Campus
Hyderabad	2017-18	2014A5PS812H	Pujitha Devireddy	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS001H	NikhilBabu Ketini	2	No	NA
Hyderabad	2017-18	2014A7PS004H	Harshit Agarwal	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A7PS005H	Monica Adusumilli	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A7PS006H	CharithaReddy	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS008H	Niranjan Sooda	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS012H	HaraTeja Yallavajhala	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS013H	Gopichand Chitirala	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS014H	Koushik Modugu	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS015H	Hariharan B	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS016H	AnveshReddy Alugupally	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS018H	SakshiSatish Bidwai	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A7PS019H	PoojithaReddy Malla	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A7PS020H	PrudhviTeja Potnuru	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS021H	Varun Madineni	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS026H	AdithyaKrishna Guduru	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS027H	Anirud Samala	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS030H	Sagar Gupta	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS032H	Kevin Biju	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS034H	SivaTheja Vyamajala	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS037H	ChaitanyaVenkatakrishna Kothari	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS039H	AyushMahesh Sharma	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS040H	Ruthvi Kondapolu	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS041H	GaddeRaja Anurag	2	No	NA
Hyderabad	2017-18	2014A7PS046H	SaiChand Arram	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS048H	Uddhav Mishra	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A7PS049H	AyushSunil Beria	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS050H	Siva NagaSasank Bonthala	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A7PS052H	SaiAditya Atyam	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS054H	PrudhviRaj Gundapu	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS056H	JaihindhReddy Kichannagari	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS058H	Shreyas Pandey	1	Yes	On Campus

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Hyderabad	2017-18	2014A7PS059H	AmanPraveen Gupta	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS060H	VuchintMohanakrishna Sutapalli	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS061H	Sai Rajiv Krishna Singuluri	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS063H	AkshayReddy Dongala	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS064H	Shivaraj K	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS065H	AdityaKrishna Kotha	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS068H	PhanendraVarma Mudunuri	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS069H	TharunKumarreddy Sabireddy	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS073H	Aman Garg	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS076H	Buddharaju Purandhar	2	yes	On Campus
Hyderabad	2017-18	2014A7PS078H	Rahul Ladda	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS085H	Shubham Jain	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS086H	KushDushyant Parikh	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS088H	Subham Soni	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS091H	Srinivass Punnamaraju	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS092H	AkhilChakravarthy Kurnool	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS093H	Praneeth Kruthiventi	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS094H	Suyash Gupta	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS095H	Ipsit Sahoo	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A7PS096H	AnikethJanardhan Reddy	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS097H	Prashant Balana	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS099H	Shivam Panjeta	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS101H	PrasanthSai Duvvuri	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS103H	Avi Jain	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS104H	ChaitanyaBhushan Bhandari	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS105H	MuraliNandan Nagarapu	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS106H	G V Sandeep	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS107H	Vishal Tambrahalli	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS108H	Rishabh Pokharna	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS109H	SanthoshKumar Kapuluru	2	No	NA
Hyderabad	2017-18	2014A7PS112H	Dhawal Agrawal	2	No	NA
Hyderabad	2017-18	2014A7PS113H	Shikhar	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS116H	SashidharReddy Pocha	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS117H	Naman Goyal	1	Yes	PPO (Summer Internship)
Hyderabad	2017-18	2014A7PS119H	Yash Bansal	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS120H	Piyush Chawla	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS121H	Chitresh Sharma	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS122H	Rajat Jain	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS123H	ShantanuRajesh Rathi	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS124H	Mayank Singh	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS125H	BandaruVenkata Satish	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS128H	JuluruVenkata Naga Swetha	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS130H	Kartik Sethi	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS131H	Wajeeha Fathima	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS132H	Imran Ansari	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS134H	Ankur Raj	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS136H	NikhilNamdev Nilawar	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS140H	BharathRanganaga Bestha	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS141H	Kartik Jindal	2	Yes	PPO(PSII)

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Hyderabad	2017-18	2014A7PS144H	Bhuvan Taneja	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS145H	Ayushi Behl	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS146H	Venkata Manikanta SaiTarun Maddali	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS148H	JeevanReddy Regatte	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS149H	Sriteja Kampara	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS150H	RiyankVarma Nadimpalli	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS151H	Akanksha Pandey	2	Yes	Off-Campus
Hyderabad	2017-18	2014A7PS152H	Srimanta Barua	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS153H	Archit Gupta	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS154H	Animesh Singh	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS155H	Himanshu Dewan	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS156H	Pavan Yanamadala	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS157H	Jaisurya Nanduri	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS161H	Vibhor Gupta	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS162H	MohammadShoib Siddiquie	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS163H	Sameer Sharma	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS166H	SomeshSanjay Paradkar	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS167H	Budakausik Vedula	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A7PS168H	PavanbalajiSriram Koppaku	1	No	NA
Hyderabad	2017-18	2014A7PS169H	SaiVarun Kolluru	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS170H	AluriVenkat Akhil	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS172H	Raja SowmithReddy Chityala	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS173H	Akshay Shukla	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS174H	Nishanth Janugani	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS177H	AdwaitVilas Pawgi	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS179H	VishalReddy Padigela	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS180H	Naman Bajaj	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS184H	Varun Singh	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS185H	Soamya Agrawal	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS186H	Aditya Cheruku	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS187H	Sushrita Yerra	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS189H	PrudthviRaj Vanaparthi	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS193H	Siddhesh Shrinivasan	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS194H	Chakshu Ahuja	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS195H	Arvind Mandapaka	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS196H	GollakotaVenkata Sairaviteja	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS430H	SnehalRajesh Wadhvani	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS509H	VinayDatta Renigunta	1	Yes	PPO(PSII)
Hyderabad	2017-18	2014A7PS527H	Bhargav Kanuparthi	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS841H	VarunUday Natu	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS855H	Aditya Mathur	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS856H	Sagar Suman	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS857H	Puneet Duggal	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS858H	Shrey Bansal	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS859H	Rounak Rajoria	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS860H	ShrinilRajiv Thakkar	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS861H	DushyantGopal Sharma	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS862H	Anupama	1	Yes	On Campus
Hyderabad	2017-18	2014A7PS863H	Deepak Pandey	2	Yes	On Campus
Hyderabad	2017-18	2014A7PS864H	Ayush Gupta	1	Yes	On Campus

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Hyderabad	2017-18	2014A7PS865H	ViralParesh Mehta	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A7PS866H	Akshay Uppal	1	Yes	PPO(Summer Internship)
Hyderabad	2017-18	2014A8PS280H	ParimaDevanshu Mehta	1	Yes	On Campus
Hyderabad	2017-18	2014A8PS300H	Bharat Kabra	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A8PS397H	SakethVarma	2	Yes	On Campus
Hyderabad	2017-18	2014A8PS413H	Jaya Moolchandani	2	Yes	On Campus
Hyderabad	2017-18	2014A8PS415H	Satyam Damele	2	No	NA
Hyderabad	2017-18	2014A8PS437H	Nimisha Agrawal	1	Yes	On Campus
Hyderabad	2017-18	2014A8PS438H	Bharat Garg	2	Yes	On Campus
Hyderabad	2017-18	2014A8PS440H	Mounika Kavuri	1	No	NA
Hyderabad	2017-18	2014A8PS444H	Sahana Nancherla	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A8PS462H	ThotaSowmya Sree	1	Yes	On Campus
Hyderabad	2017-18	2014A8PS467H	EdaAmos William	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A8PS470H	Biswajit Mahapatra	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A8PS471H	AdityaVijay Bhandare	2	No	NA
Hyderabad	2017-18	2014A8PS480H	ParveKumar Jain	2	Yes	On Campus
Hyderabad	2017-18	2014A8PS486H	Lakshya Jajn	1	No	NA
Hyderabad	2017-18	2014A8PS487H	ManideepReddy Maramreddy	2	No	NA
Hyderabad	2017-18	2014A8PS488H	Antriksh Parashar	2	Yes	On Campus
Hyderabad	2017-18	2014A8PS492H	TejeshwarReddy Gurram	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A8PS496H	DivyaPrakash Singh	2	Yes	On Campus
Hyderabad	2017-18	2014A8PS500H	Sanchit Malik	2	Yes	On Campus
Hyderabad	2017-18	2014A8PS510H	Manas Chandola	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A8PS514H	ShoabAkhtar Siddiqui	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014A8PS867H	Harsh Chopra	2	Yes	On Campus
Hyderabad	2017-18	2014A8PS870H	Rachit Ajtsaria	1	Yes	On Campus
Hyderabad	2017-18	2014A8PS871H	Pranav Sharma	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS002H	Amasha Das	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS024H	SuryaTeja Jonnalagadda	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS025H	Jayasahithi Konda	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS114H	UditAmeet Kotnis	1	No	NA
Hyderabad	2017-18	2014AAPS127H	Suryakiran Sreepada	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS176H	Pakalapati Samuel	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS202H	GopiSai Charan	2	No	NA
Hyderabad	2017-18	2014AAPS208H	Abhishek Sharma	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS209H	VenkataSaimadhav Kaza	2	No	NA
Hyderabad	2017-18	2014AAPS210H	SubhashreeRama Somabhatta	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS212H	Vidya R	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS214H	Manasa Garlapati	2	Yes	Off-Campus
Hyderabad	2017-18	2014AAPS216H	Abhiyu Jain	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS218H	AmulyaShruthi T	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS220H	Surya Upadyayula	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS221H	Akash Yadav	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS223H	Gourav Gurbani	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS224H	Vidit Chugh	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS227H	Mohit Prasad	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS229H	AnujKumar Saxena	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS230H	Abhinav Santosh Marla	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS231H	RakeshKrishna Chekuri	2	yes	On Campus
Hyderabad	2017-18	2014AAPS232H	GrandhiSai Anirudh	1	Yes	On Campus

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Hyderabad	2017-18	2014AAPS233H	AdityaSai Piratla	1	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS238H	PranavVenkatesh Kulkarni	1	No	NA
Hyderabad	2017-18	2014AAPS239H	Abhishek Jain	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS245H	SeshabhatarRaghuram	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS246H	SrividyaTv	2	yes	On Campus
Hyderabad	2017-18	2014AAPS247H	Anjali Baviseti	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS248H	Saumya Gupta	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS250H	KasturiRoopa Akhila	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS252H	Abhilash Chivukula	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS255H	ViswanathVenkata Sai Manne	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS256H	DasarathanandanaDinesh Jallu	1	No	NA
Hyderabad	2017-18	2014AAPS257H	AjaySurya Kanchiraju	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS258H	LakshmiVarshika Mirtinti	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS259H	Neha Mittal	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS263H	AkashMohan Thorat	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS264H	NikhilReddy Chalamalla	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS266H	ShaikAbid Islam	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS267H	Abhilash Ramakrishna Kalapatapu	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS268H	RaviTeja Potharaju	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS270H	BhargavTej Udayabhanu	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS272H	Madhav Rathi	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS274H	Sreekar Chigurupati	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS277H	DurgavajjalaVamsi Krishna	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS282H	Nikhilesh Nm	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS284H	PraneethKumar Maddula	2	yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS285H	SaiAkhil Puranam	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS292H	Medha Smriti	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS295H	Ankit Shukla	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS296H	SamhithaSai Gaddamanugu	1	No	NA
Hyderabad	2017-18	2014AAPS297H	Esha Singh	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS298H	SrishtiRavi Saxena	1	yes	On Campus
Hyderabad	2017-18	2014AAPS299H	Arvind Rameshwar	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS302H	RavulaSrinivas Likith	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS305H	Abhilash Reddy Patlolla	2	yes	On Campus
Hyderabad	2017-18	2014AAPS306H	Rohith Chunduri	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS309H	Naga Sanjana B	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS314H	NoriVamsi Krishna	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS318H	SomeshUmesh Nawandar	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS321H	VivekanandaReddy Bheemavarapu	2	No	NA
Hyderabad	2017-18	2014AAPS330H	Ritwik Raj	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS332H	Shreyansh Agrawal	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS334H	Kushagra Agrawal	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS336H	MandapatiS V N S S B Sowmya	2	Yes	On Campus
Hyderabad	2017-18	2014AAPS337H	Arpit Choudhary	2	No	NA
Hyderabad	2017-18	2014AAPS338H	SonithiVenkata Aswin	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014AAPS506H	ChetanaReddy Nandyala	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS872H	Shivam Gupta	1	Yes	On Campus
Hyderabad	2017-18	2014AAPS877H	SandeepReddy Maale	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS384H	Kriti Saxena	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014ABPS392H	Praveen Kumar Sahu	2	Yes	On Campus

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017- 18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Hyderabad	2017-18	2014ABPS398H	Karthik Chvrk	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014ABPS417H	Abhi Goswami	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS535H	GopidevP Pai	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014ABPS558H	KameshwarCv Sarma	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS579H	Adityaraj Phadnis	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014ABPS597H	KuldeepSingh Sidhu	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS601H	RathilJitendra Madihalli	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS621H	KshitijSunil Deshpande	2	yes	On Campus
Hyderabad	2017-18	2014ABPS622H	Bivob Purkayastha	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS624H	Anshul Mathur	1	Yes	On Campus
Hyderabad	2017-18	2014ABPS628H	Girivamsi Bhogadi	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS630H	JayR Patel	1	No	NA
Hyderabad	2017-18	2014ABPS681H	Aniruddh Sharma	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014ABPS704H	Shorya Chaturvedi	1	Yes	PPO(PSII)
Hyderabad	2017-18	2014ABPS709H	ManeeshKumarreddy Munukuru	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS717H	Anmol Katiyar	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS730H	Ayush Agrawal	1	Yes	Off-Campus
Hyderabad	2017-18	2014ABPS731H	PuneethReddy Annu	1	No	NA
Hyderabad	2017-18	2014ABPS735H	Barkha Saxena	1	Yes	On Campus
Hyderabad	2017-18	2014ABPS737H	Minna Gupta	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS738H	Prashant Sharma	1	No	NA
Hyderabad	2017-18	2014ABPS890H	PranavNirmal Rathod	2	Yes	On Campus
Hyderabad	2017-18	2014ABPS942H	Hemanth Byriseti	2	Yes	PPO(PSII)
Hyderabad	2017-18	2014B5PS649H	SuvvadaSarathchandra Naidu	2	Yes	On Campus
Hyderabad	2017-18	2014B5PS934H	Karthik Ramanathan	1	No	NA
Hyderabad	2017-18	2014H313062H	RohitKrishnakumar Rajoriya	1	No	NA
Hyderabad	2017-18	2015H313071H	Manish Gaurav	1	Yes	On Campus
Hyderabad	2017-18	2015H313072H	Vaibhavi Sobti	1	Yes	On Campus
Hyderabad	2017-18	2015H313073H	Bhawna Bhardwaj	1	Yes	On Campus
Hyderabad	2017-18	2015H313074H	Someswar Roy	1	No	NA
Hyderabad	2017-18	2015H313076H	Reshu	1	Yes	On Campus
Hyderabad	2017-18	2015H313077H	Shubham Arora	1	Yes	On Campus
Hyderabad	2017-18	2016H101009H	AjarapuSwarna Lalitha	1	Yes	On Campus
Hyderabad	2017-18	2016H101010H	Shaurya Mohan	1	Yes	On Campus
Hyderabad	2017-18	2016H101011H	Namrata Upreti	1	Yes	On Campus
Hyderabad	2017-18	2016H101012H	AbinayaVeni R	1	Yes	On Campus
Hyderabad	2017-18	2016H101013H	AnushaRaja Iyengar	1	Yes	On Campus
Hyderabad	2017-18	2016H101014H	RizwanKareemi Mohammed	1	No	NA
Hyderabad	2017-18	2016H103032H	Riju Ghosh	1	Yes	On Campus
Hyderabad	2017-18	2016H103033H	Palak Sharma	1	Yes	On Campus
Hyderabad	2017-18	2016H103034H	SachinH G	1	Yes	On Campus
Hyderabad	2017-18	2016H103035H	Nupur Sawke	1	Yes	On Campus
Hyderabad	2017-18	2016H103036H	Ayush Goel	1	Yes	On Campus
Hyderabad	2017-18	2016H103037H	Bhavishya Jain	1	Yes	On Campus
Hyderabad	2017-18	2016H103039H	AanchalPrakash Rangnani	1	Yes	On Campus
Hyderabad	2017-18	2016H103040H	RahulC S	1	Yes	On Campus
Hyderabad	2017-18	2016H103041H	Mayank Dhaka	1	No	NA
Hyderabad	2017-18	2016H124024H	Mounesh	1	No	NA
Hyderabad	2017-18	2016H124025H	Shivani Rai	1	Yes	On Campus
Hyderabad	2017-18	2016H124026H	SantoshKrishnan Venkateswaran	1	Yes	On Campus
Hyderabad	2017-18	2016H124027H	VinukondaAmareswar Jagannadh	1	Yes	On Campus
Hyderabad	2017-18	2016H124029H	Meghana Ganji	1	Yes	On Campus

Campus (Pilani /Goa/ Hyderabad)	Year (eg 2017- 18)	ID No.	Student Name	Placement Semester	Placed (Yes/No)	Mode of Offer
Hyderabad	2017-18	2016H124030H	Sajal Pandey	1	Yes	On Campus
Hyderabad	2017-18	2016H124031H	MdSaiful Islam	1	No	NA
Hyderabad	2017-18	2016H129001H	Geethika	1	No	NA
Hyderabad	2017-18	2016H129002H	ShreyaShrikant Kulkarni	1	Yes	On Campus
Hyderabad	2017-18	2016H129003H	Paras Luniyal	1	yes	Off-Campus
Hyderabad	2017-18	2016H129004H	ArthiS D	1	No	NA
Hyderabad	2017-18	2016H129005H	Vivek Nair	1	Yes	On Campus
Hyderabad	2017-18	2016H129006H	Anand N	1	No	NA
Hyderabad	2017-18	2016H129007H	Anshika Gupta	1	Yes	On Campus
Hyderabad	2017-18	2016H141042H	HardikManubhai Patel	1	Yes	On Campus
Hyderabad	2017-18	2016H141043H	SagarShaileshkumar Karwa	1	Yes	On Campus
Hyderabad	2017-18	2016H141044H	SumitChamling Rai	1	Yes	On Campus
Hyderabad	2017-18	2016H141045H	DhruvDasharathbhai Patel	1	No	NA
Hyderabad	2017-18	2016H141046H	TipparajuSeshabhuvan Karthik	1	Yes	On Campus
Hyderabad	2017-18	2016H141047H	RushabhaChetan Shah	1	Yes	On Campus
Hyderabad	2017-18	2016H141048H	Sreedhar S	1	Yes	On Campus
Hyderabad	2017-18	2016H141049H	Kirti Singh	1	Yes	On Campus
Hyderabad	2017-18	2016H143016H	Rahul Jain	1	No	NA
Hyderabad	2017-18	2016H143017H	AnjuHanna Alex	1	Yes	On Campus
Hyderabad	2017-18	2016H143018H	AmitKumar Maiti	1	No	NA
Hyderabad	2017-18	2016H143019H	VishnuChaitanyadeepak Konijeti	1	No	NA
Hyderabad	2017-18	2016H143020H	Venkatasalam Kl	1	Yes	On Campus
Hyderabad	2017-18	2016H143021H	Kaushik Boggarapu	1	No	NA
Hyderabad	2017-18	2016H143022H	Abhishek R	1	No	NA
Hyderabad	2017-18	2016H143023H	JayasheelVarma Penmetcha	1	Yes	On Campus
Hyderabad	2017-18	2016H146059H	CheerlaKrishna Deepthi	1	Yes	On Campus
Hyderabad	2017-18	2016H146060H	SuchitaDasharath Makode	1	Yes	Off-Campus
Hyderabad	2017-18	2016H146061H	Amala Saju	1	Yes	On Campus
Hyderabad	2017-18	2016H146062H	ParavastuPattarabhiran Srijanaki	1	Yes	On Campus
Hyderabad	2017-18	2016H146063H	TejasVinod Bhadke	1	Yes	On Campus
Hyderabad	2017-18	2016H146064H	ShivaKumar Reddy	1	Yes	On Campus
Hyderabad	2017-18	2016H146065H	JuilyAniurudha Patil	1	No	NA
Hyderabad	2017-18	2016H146066H	KarnamSriravali	1	Yes	Off-Campus
Hyderabad	2017-18	2016H146067H	RadhaBalkrishna Kulkarni	1	Yes	On Campus
Hyderabad	2017-18	2016H146068H	Pooja Kumari	1	Yes	Off-Campus
Hyderabad	2017-18	2016H146069H	Saihemasri Vinjarapu	1	Yes	On Campus
Hyderabad	2017-18	2016H148050H	Anubhav Vats	1	Yes	On Campus
Hyderabad	2017-18	2016H148051H	Mukesh Sharma	1	Yes	On Campus
Hyderabad	2017-18	2016H148052H	VatsalDhirajsinh Thakor	1	Yes	Off-Campus
Hyderabad	2017-18	2016H148053H	KolliSravani	1	Yes	On Campus
Hyderabad	2017-18	2016H148054H	HrishikeshVilas Magdum	1	Yes	On Campus
Hyderabad	2017-18	2016H148055H	Tippu Chathukulam	1	Yes	On Campus
Hyderabad	2017-18	2016H148056H	VikasVikraman Pulinkuzhi	1	Yes	On Campus
Hyderabad	2017-18	2016H148057H	PrasannavenkatesanK	1	Yes	On Campus
Hyderabad	2017-18	2016H148058H	AchiladiAdithya Bhat	1	No	NA

B) 5.8**For Dubai Campus**

1. All students both boys and girls were involved in programs like Breast Cancer awareness day/ Earth Day /Sports activities etc.
2. A meeting was held on 26 September 2017 at 10:00 AM in Room G-23 to formulate a plan for Gender Sensitization . Members present were Dr Shazi Shah Jabeen, Dr Maneesha, Dr Santosh Kumar ,Dr Karthiyayini , Dr Priti Bajpai and Mr Akshay Chutani . Dr Shazi Shah Jabeen took the Chair of the meeting.
3. A workshop on awareness programme against sexual harassment for students was organized on 2nd October, 2017 at 10:20 am in the Auditorium G-07.
4. For Faculty and Staff Members a workshop was organized on 3rd October, 2017 at 3:30 Am in Auditorium G-07 on awareness programme against sexual harassment.
5. Members felt, it is imperative to educate hostel staff, Housekeeping and Security staff on the aspects related to prevention of Sexual Harassment at Work Place. It was decided to organize a workshop similar to that of Students with help of Paribhasha, the drama Club on 9th October, 2017 at 10:20 am in Room No. G-07.
6. Paribhasha Club presented skits relating to the issues of Eve Teasing, Sexual Harassment at Work Place, Molestation and ways to handle such issues. The members of students' Council, Executive Council Members of the Clubs, Hostel Representatives and the Ph.D Students attended the same.

Hyderabad Campus

A TALK ON 'SEXUAL HARASSMENT' ORGANIZED BY DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES ON 9/4/2018.

Dr. Padma, Resource person, Bhumika Women's Collective (NGO working on various women's issues) delivered a talk on 'Sexual Harassment' on 9/4/2018. The talk was organized by the department of Humanities & Social Sciences, in collaboration with the Internal Complaints Committee for prevention of Sexual Harassment of women at workplace (referred as ICC) and was well attended by students, faculty and staff.

Dr. Padma spoke about what constitutes sexual harassment and the physical, emotional and psychological damage it causes to women. She also explained in detail, the legal definition of sexual harassment and the various circumstances in which women experience harassment. She spoke about the need to create and spread awareness about the ways in which sexual harassment can be addressed. The constitution and the role of the Internal Complaints Committee in addressing issues of sexual harassment was also discussed. The helpline numbers and details of support centres for women have been shared with the audience.

5.9.1

NO achievements at state / National / University / International due to following reason

- As per our Institute policy we don't participate in the National University games and sports Tournaments organized by Association of Indian University (AIU).
- Even we are not allowed to participate in Inter collegiate Tournaments and Championship organized by the Local state University games and sports as we are "Deemed" to be University. (Doesn't come under the state University sports policy).
- We don't have any sports scholarship policy where we can support our students financially unlike other state and Central Universities
- To support and to motivate our students in SPORTS we organize Institute sports inter hostel/ Inter department/ and annual sports "SPREE" and allow the institute sports team to participate in various inter collegiate, open competitions / tournaments and championship organized by similar colleges, Institute and sports bodies.
- To encourage our students in sports we provide them the best of the sports Infrastructure for recreation and for competitive sports and also by providing with all the necessary equipment / materials for daily training / practice and competitions for all the sports teams of the institute through out the academic year.
- Even we support the student fraternity in sports by allowing them to participate in local, open championship and other private tournament.

Note: We have given data as per our team participation.

- Local and open tournaments we have mentioned it in state level
- Inter collegiate sports festival (like SPREE, Arena, Bosom) where different state team participates we have mentioned it in National level

Dubai campus participation we have mentioned in International level.

5.10 Scholarships and Financial Support

- Kishore Gopalakrishnan (2014B5A40523G) earned a Gold medal in the NGPE (National Graduate Physics Exam 2017) which was conducted by IAPT (Indian Association of Physics Teachers)
- Yash Agarwal(2015A4PS383G)and Miheer Joshi(2015A4PS354G), second year Mechanical Engineering students, under the mentorship of Dr. Kiran D. Mali, participated in the National level “Student mechanism design contest (SMDC 2017)”. They won the 3rd prize.
- Yashasvi Joshi(2013A8PS751G)graduated this year with a score of 99.80 percentile in CAT 2016.
- Rohan Goel (2014A7PS014G) secured two internships abroad: one in May-July 2017 at Dublin Institute of Technology in Ireland and the other in August-December 2017 at LIRMM, University of Montpellier in France.
- Ketan Pant (2013A8PS413G) is admitted to Stanford University for his Master's in Electrical Engineering and is pursuing the same starting September 2017.
- Siddharth Kumar (2014A1PS545G), a fourth year undergraduate majoring in Chemical Engineering, is currently pursuing his Thesis (Internship) at a joint lab of Massachusetts Institute of Technology, Harvard University and Brigham and Women's Hospital in Boston.
- Dhanajai Sharma(2014A3PS197G)is currently working as an Intern at Acoustic Research Laboratory, National University of Singapore.
- Yash Mehta(2014A7PS0103G)is pursuing a thesis on Natural Language Processing in Nanyang Technological University, Singapore.
- Akhilesh Anilkumar Siddhanti(2014B4A70894G)presented two papers in the SPACE 2017 conference.
- Filmmaking Club BITS Goa made a short film titled A Late Knock, directed by Taha Faraz(2015B1A40807G)which got nominated in the Jaipur International Film Festival 2018 in the Mobile Film category.
- Vatsal Tolasaria (2013B2A1684G)won the second Place at the All Goa Open Major Ranking Tennis Singles Championship, at BPS Margao, organized by BPS Club Margao, Goa.
- Jain Honey Ashok (2014B1A30875G)got selected for a funded 2-month research internship at Unité de glycobiologie structurale et fonctionnelle (UGSF-CNRS) in Lille, France
- Patil Siddhant Vitthal (2015A8PS0475G)presented a paper titled “Color Analysis and Classification Based on Machine Learning Technique Using RGB Camera” (name of authors: Siddhant Vitthal, Sundaresan Balasubramanian, Pravin S. Mane, page no: 359-363), in IEEE - InternationalConferenceon Computational Intelligence and Computing Research (ICCIC)
- The design idea UMAMS(Universal Modular Armoured Mobility Solution) has been selected for the third phase (Quarterfinals) in the INDIA INNOVATION CHALLENGE DESIGN CONTEST2017organized by DST and Texas Instruments Inc., anchored by NSRCEL @ IIM

Bangalore. The team who contemplated the idea was a two-membered group consisting of Jayant Jhamb (2015B2A40678G) and Shreyash Kumar (2015A4PS0147G)

- Unay Shah (2016A3PS0143G) won the "I am Shutterbug Student Photography Contest" organised by Nikon India.
- Arunav Konwar (2013B1A80905G) was selected to attend and give a talk at Global Community Bio Summit 2017 at Massachusetts Institute of Technology (MIT) at Cambridge, MA, U.S.A, in September 2017
- Amit Agarwal (2014A7PS0403G) was amongst 19 candidates in India to be selected for the prestigious IUSSTF-Viterbi Program, 2017
- Sarthak Singh (2014B2A80710G) was one of the 15 fellows selected from across six countries to intern with Government of Andhra Pradesh.
- Project Apeiro India's First Student-Led Micro-satellite

2014B5A30599G	DESHPANDE SANKET SUSHIL
2014B5A30449G	LUCKY NAGENDRA KAPOOR
2013B5A30726G	Shivangi Kamat
2013B1A10935G	Vibhav Joshi
2013B4A70381G	PANKAJ TIPLE

- Rachith Aiyappa (2014B5A40469G) - finished Winner in the Men's Doubles Category and Runner up in the Men's Singles Category of the Gadre Gaspar Dias Open 2018 conducted by Clube Tennis de Gaspar Dias in association with the Goa State Tennis Association
- SARTHAK SINGH (2014B2A80710G) - selected as an official participant for the Climate Force: Antarctica 2018 Expedition, which was held from 27 Feb – 12 Mar 2018.
- Aman Dalal (2014A4PS0346G) - awarded the Holland Scholarship by the Dutch Ministry of Education Culture and Science and the TU Delft Faculty Scholarship to study MSc Integrated Product Design at the department of Industrial Design Engineering at TU Delft, The Netherlands. Both scholarships are awarded to excellent international students with a research oriented goal and will cover a total of 30,000 Euros worth of expenses.
- JOISHER HEER VIPUL (2014B1A30709G) - Khorana Scholarship 2018 sponsored by dept of biotechnology, govt of India, Indo US science and technology forum (IUSSTF) and Winstep forward
- JAIN HONEY ASHOK (2014B1A30875G) - Mitacs Globallink Research internship 2018 sponsored by govt. of Canada

NISSIM GORE DATAR (2014B1A40939G) - Summer undergraduate research fellowship of the California Institute of Technology - Caltech SURF 2018.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Hyderabad Campus

- KOHA – Library Management Software – Multi user
- Digital Library – 11 computers
- OPAC (Online Public Access Catalogue) – 4 computers
- Help Desk – 2 computers
- Back office – 6 computers
- LMS Server – 1 No
- Dspace Server – 1 No.
- Self Issue / Return Kiosk – 1No.
- RFID Security Gates – 2nos.
- Public Addressing System with Speakers – 1 No.
- CCTV Cameras with System – 10 nos.
- WIFI Access points – 04 Nos.
- Photocopier in library – 01 No.
- Photocopier Machine is out sourced for students – 01 No.
- Library has sitting capacity of 550 nos.
- Library provided flexi sitting arrangements like (Sofa's-12nos. and Bean Bags-8nos.)
- Library separated the reading section for easy reference to users like Text / Reference Section, General Reference Section, Periodical Section, General Stack and Reading Area.
- Library provided discussion rooms 04 nos.
- Library have PPT hall with projector and sitting capacity of 200 nos.

Goa Campus

Improvements in the library services

1. Creation of a well equipped Brainstorm Room in the library for students and faculty to hold discussions, seminars, webinars, Meetings, Screening of Videos, Presentations etc which can be booked online through the library portal.
2. Renovated AC Reading Room for Quite and Serous Reading with Internet facility to access online resources.
3. Made a special provision for Research Scholars to support their serious reading and access online databases.
4. In order to preserve G D Birla Rare book collection for posterity and research, a new renovated, air-conditioned, dust free space having walls sandwiched with glass wool to retain the room temperature was built.
5. Procured Springer Engineering E-Books collection having nearly 1000 titles.
6. Developed a new renovated space for Digitization Laboratory to undertake digitization of rare books and other institutional publications on a regular basis.

7. Set up a new “Help Desk” at the entrance of the Library to guide users and provide customer care service.
8. Created a Information Counter in the Library to help users with their queries and register them for accessing library portal.
9. Team leaders have been identified within the library staff making them responsible to maintain the quality of various services provided by the library.
10. A Library Manual has been prepared which provides detailed information about all the library services with quality standards, with laid down policies, work flows, procedures with necessary guidelines to be followed. It also gives detailed information about various resources held by the library, Rules and Regulations, Layout maps, staff contact details etc.
11. Library organized Department wise Orientation Sessions for both faculty and students to create an awareness about all the services and resources and how to conduct a quality search without wasting time to get precise information using “One Search” a federated search engine made available on the library portal
12. The BITS Pilani Library and Taylor and Francis in association with Teaching and Learning Centre of the Institute organized “Inside a Publishers’ Mind” an Editorial Workshop covering the process of book publishing, Do’s and Don’ts of writing , Effective Publishing Proposal, Ways to approach a publisher, styles, citations etc for all faculty members and research scholars
13. Library through its Inter Library Document Request Service was able to deliver the documents to faculty and Research Scholars in all the four campuses for research and academic purposes.
14. To commemorate the World Book and Copyright Day on 23 April 2018, the library organized many events such as book displays, Readathon - a reading challenge for BITSians, brainstorm on the topic "Things that will make me happy in the library" , I am a Gyanpeeth Awardee : A fancy dress event for the children and also provided a platform for BITSians to share their brilliant thoughts on “My Vision to Make India Great!”

Pilani Campus

- KOHA – Library Management Software – Multi user
- Digital Library – 11 computers
- OPAC (Online Public Access Catalogue) – 1 computer.
- Help Desk – 2 computers
- Back office – 3 computers
- LMS Server – 1 No
- Dspace Server – 1 No.
- CCTV Cameras with System – 4 nos.
- WIFI Access points – 03 Nos.
- Photocopier in library – 01 No.

- Library has sitting capacity of 550 nos.
- Library provided flexi sitting arrangements like (Sofa's-8 nos. and U shape chairs-16nos.)
- Library provided lounge room for reading 01 nos
- Library provided Discussion/Conference room 01 nos.

Dubai Campus

- 1) Library is completely automated using **KOHA** an open source library management software. All the modules like Acquisition, Cataloguing, Circulation, report generation including Web-OPAC have been well utilized.
- 2) **RFID** enabled circulation system in which whole book collection has been RFID tagged and users are using the self issue/return Kiosk known as **Smartserve**. The RFID security gates are helping in monitoring the issued books as well as counting the number of users visiting the library on daily basis. **RFID Smartstock** instrument is helping the library staff in stock verification and searching the missing books in the library.
- 3) An Interactive Library portal **infoBITS** have been developed which gives the opportunity to all the users to communicate with the library i.e to recommend books, books not found on the shelf, Book review, databases not working, feedback on library resources and services, submission of their original poems, write-ups, etc.
- 4) New spaces like **Ezone, AC reading rooms, Brainstorm Room, G.D Birla Rare Books Section, Preservation Laboratory and Digitization Laboratory** are helping the library to fulfill the new requirements from the users.
- 5) Library staff trainings like Behavioral and etiquette, English communication, IT skills development have been conducted to make them to deliver the best services to the users.
- 6) In last one year more than 10 User specific information literacy programs were conducted for students, research scholars and faculty members. Databases training programs from various publishers were also conducted to the users to make them utilize the library subscribed databases. Inside A Publisher's Mind - Workshop by Taylor and Francis was organized on 16th April 2018.
- 7) Flexible library timing to suite the users, one month before the examination the library working hours has been extended from 9 am to 2 am.
- 8) Resource sharing using ILDRS and DELNET to facilitate the users with the unavailable resources.
- 9) The value added services like Books@ My desk, Daily News, infoBITS Bulletin, Inter library loan, Plagiarism Checking software, online feedback are very useful to the users.
- 10) To inculcate the reading habits among the users we have organized various activities like "Basant Book festival from 29th Jan to 3rd Feb.2018 during this book exhibition many senior faculty members talked about the importance of Books and reading. World book and copyright day was celebrated on 23rd April 2018 by organizing "My vision to Make India Great" winners talk, "Readathon- a reading challenge" competition.

B) 6.3.6**Human Resource Management**

1. **Reimbursable Professional Allowance For The Faculty** - Allowance will be Rs. 1 Lakh per year for Assistant Professor or above and Rs 25000/- per year for Lecturers and Visiting Faculty. Also for Lecturers a pool of Rs. 75,000 is made available for every 5 Lecturers (or equivalently once in a Lecturer's tenure of approx. 5 years) specifically for travel to present paper at a Tier 1 or 2 conference in India/abroad.

Unspent funds may be carried forward to next year. Maximum carry forward amount to next year is Rs 2 lakhs for Assistant Professor or above and Rs 50000/- for Lecturer and Visiting faculty.

Such allowance may only be used for one's professional development. Normally, 50% or more should be used to present paper at a Tier 1 or 2 conferences to be identified by departments. Travel to a conference will be permitted by air provided air travel replaces train journey of 10 hours or more.

2. **Sabbatical Leave**

Introduction

The sabbatical leave policy of Birla Institute of Technology and Science, Pilani is intended to promote professional improvement and intellectual growth of faculty resulting in enhancing the quality of education and research at BITS.

Criteria

- To conduct research in a University, Industry or Government research laboratory in India or abroad which would enhance the reputation of BITS.
- To undertake well-defined work in industrial concerns and technical departments of Governments, either in India or abroad, to gain practical experience in their respective fields.
- Any other purpose for the academic or related development of the faculty member, as approved by the Vice Chancellor in consultation with concerned campus Director / Dean / Faculty-in charge and Chief People Officer.

Eligibility

- A faculty member is eligible for one-year Sabbatical Leave after the completion of six years of continuous service at Assistant Professor Level or higher, with the Institute, and once every six years of continuous employment thereafter.
- At the time of availing the Sabbatical leave, the faculty member should have at least two years of service before superannuation.
- Service in BITS as a Visiting Faculty or a Visiting Scientist will not be considered for Sabbatical Leave.
- The faculty member should have a satisfactory record of performance in the most recent annual performance review.

Conditions

- The period of Sabbatical Leave may not exceed one year at a time.
- Sabbatical Leave cannot begin or end in the middle of a semester.
- The sabbatical leave can be broken up in two equal halves of 6 months each. However, in such a case the faculty member should be present at BITS for at least 3 years between the two periods.
- One may combine “vacation leave” of up to 2 months with the sabbatical leave.
- During the period of Sabbatical Leave the faculty member is entitled to full salary and allowances admissible under the normal rules but will not be provided traveling allowance or any other allowance in India or abroad. The faculty will receive 50% of the salary during the Sabbatical Leave, while the balance will be paid in 4 equal installments over the next two years together with interest calculated @ 6% per annum.
- The faculty member would be required to specify the purpose of visit and the nature of work proposed, and how the sabbatical work would contribute to his/her professional development and hence benefit the institute.
- A member of the faculty may not undertake any regular appointment with any other organization in India or abroad during the period of Sabbatical Leave. Any financial benefit received from outside the Institute during sabbatical should be disclosed to the Institute by the Faculty, and prior permission should be taken before receiving such amounts.
- The faculty member interested in proceeding on Sabbatical Leave would be required to intimate his/her intentions in writing to the concerned group leader and controlling officer at least one semester in advance.
- The work load of the faculty member on leave will be distributed among the remaining faculty members. However, in exceptional cases temporary substitutes may be employed.
- While recommending sabbatical leave the Group Leader would be required to certify to Dean/Faculty-in-charge that alternative arrangements have been made for sharing of the academic, research and project activities and other Institutional duties and commitments of the faculty member during his/her absence.
- A faculty member having a sponsored research project at BITS for more than two years may normally avail Sabbatical Leave only after completion of the project.
- No more than 10% of faculty (rounded off to the next higher integer) in a Group may be on Sabbatical Leave at a time.
- The Vice chancellor will be the final approving authority based on recommendations from the concerned campus Director / Dean / Faculty-in-charge and the Chief People Officer.

3. Extra-ordinary Leave (EOL)

An option to faculty will be provided to avail “extraordinary leave” (EOL) without pay for up to 2 years at a time subject to:

- He/she avails EOL with a view to enrich his/her background and/or experience that will benefit BITS upon his/her return to BITS,
- EOL will normally be available only after three years of service at BITS,
- The total of such EOL (together with sabbatical leave) is limited to 20% of time spent at BITS,
- One would normally be required to spend 3 years at BITS before he/she can avail similar paid or unpaid leave again.
- The family member of the faculty will normally be provided only minimal access to on-campus medical facility. Medical reimbursement will normally not be available to self and family during this period.

- The faculty member will contribute his/her share of PF as well as that of BITS to his/her PF account.

4. Consultancy Projects - Guidelines

The Institute has expertise in various research areas to provide knowledge and intellectual inputs which are of interest to the industry and other organisations. Following guidelines will be used for engaging in any consultancy job:

1. A consultancy project/task/work is one where faculty and research staff provide knowledge and intellectual inputs to industry or other organisations (within India and abroad), primarily for their purposes.
2. All payments for consultancy work must come in the name of Birla Institute of Technology & Science, Pilani payable at respective campus. The Institute will then do the needful for complying with statutory laws.
3. Faculty or PI will handle the project account and spend funds as required. Share of the Institute should also be transferred.
4. The requirement originates from the industry/other organisations concerned or faculty can approach industry/other organisations. The faculty is expected to estimate the time and cost required to accomplish the task.
5. Proposal is then prepared by the PI.
6. The budget for the proposal should be in one part. It should reflect project consultancy fee for PI, co-PI and other investigators, 50% overheads to BITS, and service tax on total amount, if applicable. Service tax is subject to periodic revision by the Government of India. Service tax is not applicable on projects, if the funds are received in foreign currency. Expenses on equipment, supporting manpower, travel, contingency must also be included in the budget, if necessary. (The faculty is advised that if the expense on equipment, supplies, manpower, travel, etc. is large, then these must be proposed as a separate R & D project.). These are summarized in the table given below:

Budget for Consulting Projects		
Consulting fee to be paid to PI	A	
Consulting fee to be paid to Co-PI	B	
Consulting fee to be paid to other Investigators	C	
Total Consulting fee		$D = A + B + C$
Equipment	E	
Supplies and any contingent expenses	F	
Manpower (students, external experts)	G	
Travel etc.	H	
Total Other expenses		$J = E + F + G + H$
Total expenses		$K = D + J$
Overheads to BITS (50% of Total consulting fee)		$L = 0.5 * K$
Sub-total including overheads		$M = K + L$
Service tax		$N = 0.1236 * M$
Total consulting charges		$P = M + N$

7. All consultancy proposals must be sent under signature of the PI to Dean/Associate Dean SRC for endorsement and approval by Campus Director.
8. Office will assign a unique internal number to the project proposal.
9. Payment to be made to BITS as per agreed upon milestones. 100% advance payment should be made if project is in one phase. If project is broken into phases, then 100% advance payment should be made before beginning of each phase. The expenditure and disbursements will be

made through normal Institute procedures. The project expenditure for equipment and consumables will be maintained in a separate stock register by PI.

10. In international consultancy projects: a. Funds are received in foreign currency; b. service tax is not applicable; c. The consultancy assignment with the other party/funding agency of foreign origin should be in conformity with the laws of all the Countries involved and/or International laws as the case may be.
11. IPR issue: All IPR related issues are agreed between the PI and the funding agency and should be cleared by IIPC before signing MoU/agreement. Preferably, IPR will be jointly shared by BITS Pilani and the industry/ organization unless specified in agreement.
12. When MoU/agreement is cleared from all angles and acceptable to both the parties, it will be signed by the PI and Dean/Associate Dean SRC and industry/organization. A copy of the duly signed MoU/agreement will be sent to the other party and a copy retained in the office of Dean/Associate Dean SRC and a copy given to Finance section of the campus.
13. Project responsibility: These projects are headed by a Principal Investigator (PI), and may have CoPrincipal Investigators (co-PIs) and the deliverables are the responsibility of the PIs. The Institute provides the PIs necessary support.
14. The statement of expenditure and utilization certificate will be prepared at every financial year end by the competent designated authority, if required.
15. After completion of the project, final report should be submitted to the funding agency with a copy to the office of SRCD.
16. The project file will be closed with the submission of the final technical and financial project report and transfer of the non-consumables and consumables to the Institute.
17. The time spent on consultancy and related assignments shall be limited to the equivalent of 52 working days in a year, preferably at the rate of one working day per week. In addition, Consultants may be permitted to utilize, on an average one non-working day per week.
18. Consultancy assignments may be taken up and implemented, within the constraints indicated above, provided they do not have any adverse impact on the ongoing academic, research and related activities. Further, such assignments need to be carefully scheduled in the light of ongoing commitments. If required, a clear indication of the earliest date on which the assignment can commence may be clearly spelt out in the proposal form. 3
19. The services of employees of the Institute may be utilized for the execution of the consultancy projects provided it does not affect their primary functions and responsibilities to the Institute. Such work by employees may be compensated by suitable honoraria and must be a part of budget.
20. Students who are willing to work on consultancy projects may be permitted as per Institute norms to do so provided it does not affect their academic commitments and performance. Such work by students may be compensated by suitable honoraria and must be a part of budget.
21. Travel out of the campus on account of consultancy activities should be undertaken with intimation to the Head of the Department.
22. Outstation travel on Consultancy Assignments may be undertaken normally with the prior approval of the Head of the Department. In emergencies, prior intimation and subsequent sanction could be considered acceptable.
23. Faculty members should not use the name of BITS or its logo for consulting work, consulting reports, etc. except to identify the association of the consultant with BITS Pilani.

5. Testing Projects

The word refers to testing a component or a product against a standard. Examples could be testing the strength of concrete in construction, compaction strength of soil, calibration of pressure gauges, and

chemical identification, drugs identifications, estimation and evaluation of unknown species. The Institute will undertake testing jobs provided facilities are available and such testing does not interfere with any teaching or research work. The testing jobs can be initiated by faculty once request is received for the testing job. The procedure for overall operation of the project is similar like that of consultancy project.

General Guidelines

1. **Limitations:** Undertaking routine testing jobs is to be discouraged. Sufficient caution also needs to be exercised to ensure that consultancy projects do not interfere with the normal duties of Faculty members.
2. **Involving Foreign Collaborators:** The proposals involving foreign collaborators must have funding support given to each partner in accordance with the National Laws, Rules, Regulations and procedures in effect.
3. **Publications of Results:** Investigators wishing to publish technical/ scientific papers based on the research work done under the project, should adhere to the guidelines of sponsoring agency and acknowledge the assistance received from sponsoring agency in the publications. If the results of research are to be legally protected, the results should not be published without action being taken to secure legal protection for the research results.
4. **Retainership:** With the permission of the Director of the Campus, the faculty members of the Institute can accept retainership of the reputed organizations. The fees thus earned shall be shared as per rules laid down above. Formula to share the retainership will be worked out in due course of time. An undertaking will be required from the concerned Faculty member indicating any conflict of interests between BITS and the other organisations.
5. **External Consultants in Consultancy Projects:** The services of external consultants may be utilized to a limited extent in order to provide comprehensive services to clients. Such external candidates will be entitled to a lump sum honorarium/ fees. The honoraria payable to external consultants may not exceed 30% of the total consultancy fee specified in the Consultancy Projects Proposal.
6. **Conflict of Interest:** Consultants shall disclose to the Dean (SRC) in writing, the existence of (i) any relationship between him / her and the client funding the consultancy project or any vendor to whom payments are made from the project funds, in the form of involvement of any immediate relatives or (ii) any scope for potential disproportionate self-gain. Dean (SRC) will review such cases and decide appropriately, with the advice of a committee, to ensure that no actual conflict of interest exists and that such an involvement by the consultant does not adversely affect the consultant's objectivity, integrity, or commitment to the Institute and to the profession.

Consultants may not use the Institute name or the fact that they are affiliated with the Institute, in a manner that (i) suggests that the Institute approves or disapproves of a product or service provided by a profit, non-profit or governmental entity or (ii) suggests that the Institute has performed research or issued research findings when it has not done so, or misleadingly states the results of Institute research or (iii) may be interpreted to communicate the official position of the Institute on any issue of public interest.
7. **Exceptions:** Items like Book royalty and honorarium for Expert Committee meetings, invited lectures, PhD viva/evaluation, invited training programmes, organization of conferences/workshops are not covered under consultancy.

B) 6.11**Activities and Support from Alumni Relations-2017**

1. Formation of Alumni Relations Cell consisting of 9 students to work on three well identified areas to strengthen bonding with Alumni.
2. Distinguished Alumni Awards to Five Alumni for the year 2017 Announced.
3. Organisation of BITSian Day on 4th August 2017 across campuses and Organisations across globe.
4. Held regular meetings with BITSAA International team to work in a cohesive manner for strengthening ties with Alumni.
5. Membership of CASE – Council of Advancement and Support of Education for the benefit of all campuses.
6. Two hours workshop to share about present developments and to take advantage of CASE membership for the benefit of all Faculty In-charges across campuses on 22nd August 2017.
7. Continuous Communication with Alumni through Quarterly Newsletters and Fliers from time to time.
8. BITS Alumni under the leadership and initiative taken by Mr. N S Parthasarthy and Mr.Sreenivasan Seshasayee have instituted “Prof SSR Memorial Teaching Excellence Award”. The first award function was organized on 4th September, 2017 wherein family members of Late Prof S S Ranganathan, Mr N S Parthasarthy and Ms Namita Sood – Alumni, Faculty Members and Students participated.
9. VC and Dean Alumni Relations presented developments at institute front and future thrust for engagement with Alumni in the 2 Days BITSync- International conference of BITSians held in Bey Area on 9th Sept 2017.
10. Sunil Nanda was conferred the Prof L K Maheshwari Foundation Distinguished Alumnus Award 2017 by Dr AK Sarkar, Director BITS Pilani - Pilani Campus on 11th November 2017. Sunil Nanda gave a talk titled “The Profound, the Elegant and the Useful”.
11. Prof. Surendra Pal delivered the Prof. V. Lakshminarayanan Memorial Lecture on “Aerospace Paradigm of India.” Prof. Pal is a space communication technologist, an accomplished researcher, an academician, an administrator and a visionary of great repute is an alumnus of Birla Institute of Technology and Science, Pilani and Indian Institute of Science Bangalore.
12. MOU with Mr Sanjay Singhai (Alumni based in Australia) for availing free of cost Licensing rights for platform sharing to collaborate amongst faculty and students across campuses.
13. During the year, a number of alumni related events were organized including Silver Jubilee Reunion, Golden Jubilee Reunion, Farewell parties to passing out graduates. More than 300 Alumni of 1988-92 batch participated in a Silver Jubilee Reunion, which was organized between 10th and 12th November 2017. More than 130 Alumni of 1967-72 batch with their family members participated in a golden Jubilee Reunion organized between 27th and 29th October, 2017. Six Alumni of 1970-74 pharmacy batch visited the campus during September 29th – Oct 2nd 2017. Seven Alumni of the first batch of MMS (1971-76) celebrated their

reunion during Nov 4th - 6th 2017. Around 80 Alumni of 1977-82 batch were on campus with their family members to celebrate their reunion during Nov 19th -21st 2017. The nineteen veteran alumni of 1959-63 Batch were on campus to celebrate their Reunion for three days – 24th Nov to 26th Nov 2017. Some of them came here after long period of 55 years. Around 10 Alumni of 1971-76 batch came to Pilani to relive their old golden days during Dec 24th -25th 2017.

14. Silver Jubilee reunion batch of 1988 Batch joined hands together to contribute Rs 1.50 crores to the institution for research/faculty enrichment or infrastructure development that would be jointly decided by the institute and batch representatives.
15. Golden Jubilee Batch of 1967 took an initiative to collect around Rs 38.7 lakhs to be contributed for the growth and development of the BITS Pilani.
16. BITS Alumni Fund for Children's Education (BAFCE) is a charitable fund instituted by the 1987 batch on behalf of all alumni coinciding with their Silver Jubilee Reunion. The purpose of BAFCE endowment is to provide financial assistance for college education for children and wards of eligible employees of the BITS eco-system in Pilani.
17. After having a good kickstart for this year's 'BITS2Series' with 'BITS2MS/Ph.D.', Alumni introduced for the benefit of students BITS2CivilServices. This will be a panel discussion by two BITS-Pilani and a BITS-Goa alumnus who made their way to the prestigious Lal Bahadur Shastri National Academy of Administration (LBSNAA) by clearing one of the toughest entrance examinations in the world. Arranged talk on 15th Nov 2017 by Hari Krishna Reddy - IRS - AIR 427; Ankur Aggarwal - IPS - AIR 177; Sanskriti Jain - IAS - AIR 11.
18. BITS – 75 Trust organized Gurudakshina programme to felicitate 10 Guru's who taught the batch during 1970-75 on 22nd October, 2017 at Bangalore. Mr. Hanuman Bengani, Dr Vijay Chandru and batch mates took a lead to organize the programme. Around 150 BITSians along with their family members participated in the programme. Prof Arya Kumar, Dean Alumni Relations shared his thoughts about the good work being done by the Trust to honour their teachers from 2009 onwards and in promoting start-ups.

Goa Campus

1. . Second edition of Alumni Summit was organized by Goa campus on 26th of August, 2017. Six speakers reminisced about their life back at BITS campuses and their journey thereafter.
2. The project idea 'Imitato Robotics' done by the students: Vadaga Ananyo Rao, Shardul Walwadkar and Chakshu Moar was selected for Prof. Suresh Ramaswamy Memorial Award 2017-18.
3. Research Scholarship:
One of our alumni Mr. Satish Sankaralingam initiated a research scholarship for BE students and an amount of Rs. 15,000/- was awarded to Hardik Hingorani, Shashwat Verma and Sukirt Thakur as recognition to their research work.
Prof. Suresh Ramasamy Memorial Award 2017-18:
The project idea 'Imitato Robotics' done by the students: Vadaga Ananyo Rao, Shardul Walwadkar and Chakshu Moar was selected for Prof. Suresh Ramaswamy Memorial Award 2017-18.
4. Alumni Affairs, BITS Pilani K K Birla Goa Campus has organized 15 Embryo & On-campus talks from January – December, 2017

Dubai Campus

Career Mentorship Program

1. On March 23rd 2017, two esteemed alumni, Ghurair Sheikh and Chandra Bhople, joined Dubai campus for an interactive session as part of the Career Mentorship Program, organized by the Alumni Affairs Division.
2. Workshop on Professional Management on 29th April 2017
3. A one day workshop on "Project Planning using Microsoft Project Professional 2013" was conducted by Mr. Lalit Jain (BITS Alumni, batch 1976) on 29th April 2017.
4. **BGM 2017, DUBAI**
BPDC hosted the BGM 2017 on 6th and 7th January 2017 organized by BITSAA.
5. BITSAA Middle East Quiz Night
BITSAA Middle East Quiz Night was organized on 12th May 2017 at BPDC. The Quiz night provided a wonderful platform for interaction between the students and Alumni of BITS.

Hyderabad Campus

1. Organised regular talks by the Alumni on Campus.
2. Hyderabad Chapter organised a Alumni Meet wherein more than 150 BITsians participated. A special session to encourage start-up and provide them mentoring support was a special event organised during the meet.

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Faculty Affairs Division (FAD):

- Interfaced with HR, Hyderabad. FAD initiated a different route to hire faculty members across different departments of BITS Pilani by reaching out to India's premier Institutions and will continue with its effort to reach out to the potential candidates.
- Online tracker has been put in place to have information about the offers made, expected date of joining etc. thereby faculty strength that is expected to grow in next few months can be estimated certainly.
- Distribution of digitalized induction module in a compact disk to enable newly joined faculty to understand operation and scope of different Divisions in BITS Pilani Hyderabad Campus.
- Work on automated exit interview system is in progress.

Academic Research Division (ARD):

- Activated the entire Ph.D student cycle on ERP. Hyderabad campus is the only campus in the Institute wherein all data pertaining to Ph.D students and the milestones are now readily available in ERP.
- Goal setting with Departments was done for the next cycle of Ph.D admissions; more efforts on outreach and information sharing with prospective candidates resulted in full time applications going up.
- Placement initiative for Ph.D students with an aim to help Ph.D students in getting placements
- New progress sheet for Ph.D Thesis designed to track semester wise achievements of Ph.D students
- Structured and conducted the 5 unit Research Methodology – through contact classes successfully to the utmost satisfaction of Ph. D students.
- Up to date completion of all research scholars related requirements in all Government agency portals resulting in prompt receipt of funds.
- Initiated a formal process to address student grievances relating to Ph.D, FDTS and HDD.

Sponsored Research and Consultancy Division (SRCD):

SRCD has initiated Department level interaction and sharing of data on applied and approved projects and discussion on strategies initiated. It has also initiated modifications in ERP for grants (finance management) management and data retrieval for various reports including ranking, NAAC, campus reviews. Further, MoU signing with Research and Innovation Circle of Hyderabad being initiated and MoU draft discussed with Dean, SRCD and Prof. In-Charge, CIIE. Current Status: MoU drafts finalized and to be shared with Directors.

Academic and Resource Planning Division (ARPD):

ARPD has initiated an online platform for sharing academic proposals with all senators, before they are included in the senate agenda and it has been issuing clarifications to students, Instruction Division, and departments, on matters concerning academic regulations, list of discipline electives etc. ARPD has updated the list of prerequisites and shared it with Instruction Division.

International Programmes and Collaboration (IPCD):

IPCD has initiated the process of signing three MoUs with University of Central Florida, USA; Addis Ababa University, Ethiopia and Al-Zahra University, Iran and commenced the process of reviving the MoU with Macquarie University, Sydney for teaching and research collaborations.

Practice School Division (PSD):

PSD has implemented Project based allotment of students to PS-II for ensuring the correct match of students to the companies based on students' interest and accordingly stations were announced based on projects for major PS-II organizations. The Division has also signed MoU with Credit Suisse and offered Financial Risk Analytics and Management course to enhance students' PS-II experience and PPO chance

Work Integrated Learning Programmes Division (WILPD):

Quality improvement initiatives taken by WILP Division during the academic year 2017-18:

Programme and Curriculum:

- Curriculum review carried out for two programmes through a structured process involving academicians, industry professionals, alumni and students, recommendations implemented in parts.
- Programme assessment and readiness for external programme audit by December 2018 taken up for five of the programmes.

Faculty Development:

- Training & Orientation given to on campus, off-campus and guest faculty on experiential learning operations and associated software applications across disciplines.
- A Framework for creating an adjunct faculty pool is created and being implemented.
- A Structure Induction programme was introduced for the New Faculty members. The purpose of the programme was to make new faculty members aware of their role and responsibilities in the Industry engagement process and sensitize them on the needs of the Industry partners.

Enhancement of Experiential Learning:

- Offered virtual labs/simulation labs across various programmes and lab content developed for 58 courses in multiple disciplines (Management, Computer Science & Information Systems, Microelectronics & Embedded Systems and Power & Process Engineering Programmes).
- Cloud-based infrastructure for administering above labs across all WILP programs offered across country – specific, non-specific and cluster programs Remote lab for Embedded Systems is set up in Goa Campus caters to experiments in the embedded systems programme.
- Remote Lab on Cloud computing is being set up in the Hyderabad campus which will cater to the students to perform experiments on storage and infrastructure.
- Remote Lab on Fluid Mechanics and Machine is being set up at Hyderabad Campus for First degree students from Core Engineering group.

Operations:

- A new organization structure for operations and administrative function was successfully implemented.
- Several process improvement projects were undertaken in the space of student life cycle operations and for the enhancement of the online learning processes. This included Automation of several time consuming, labor oriented and inefficient processes.
- Successfully piloted outsourcing of the conduct of examinations for the non-specific programmes with TCS
- Key strides made in transitioning the legacy IT system to ERP.

Instruction Division (ID):

Instruction Division has taken the following initiatives to improve teaching-learning process:

- Installation of biometric systems in all classrooms and automated the recording of the attendance, installation of systems for automatic recording and distribution of classroom lectures in F block,
- Focusing on Student Feedback score analysis in correlation with MGPV (Analysis Sheet attached as **Annexure-I**)
- Review of the question papers of all the courses offered by a Department with the assistance of the Departmental Committee of Academics for ensuring the quality of question papers.
- Redesigning and revamping of Instruction Division website was done for enriched and secured access using single sign in facility. New module of Online Room Booking and the redesigned website would be launched from July 2018.
- The attendance data recorded via biometric system has been analyzed for First Semester 2017-18 and has been shared with the HoDs. (Report Attached as **Annexure-II**).

Academic Registration & Counselling Division (ARCD):

ARCD has taken steps to engage ERP team for the improvement of ERP systems based registration and performance management activities, for an error free registration and data management within the frame work of Academic regulations. It is also planning for motivational lectures by professional speakers for the benefit of ACB students in specific and all the students in general. Attempts are being made to include Hostel Wardens and DCA Conveners for monitoring the progress of ACB students.

Student Welfare Division (SWD):

SWD has created a platform for making the campus cashless. It aims to create a digital ecosystem, leading to easy transactions within the campus by minimizing cash flow. It has also developed user-friendly student movement tracking system at the security gate, a proactive step to ensure the safety of students.

Teaching Learning Center (TLC):

TLC sponsored two students from Hyderabad campus to participate in the 2-day National Workshop on Improving Synergy between Teaching and Research in Indian Academia during 26-27 March 2018, organized by Teaching and Learning Center at Pilani.

Center for Innovation, Incubation and Entrepreneurship (CIIE):

CIIE has conducted Workshops to involve faculty members in patenting. The patenting process is constantly monitored and they are immediately looked at if delays exist. All the projects that are approved for usage of Sandboxx are presented to the Sandboxx committee once in a semester and the inputs were given for improvement of their products and processes. CIIE has also taken new initiatives like inducting students in to the Sandboxx Committee to get their inputs and help the Sandboxx to become more active.

Library:

- A week long Annual Book Festival was organized in October 2017 by the Library in association with 15 leading publishers. Faculty and students were encouraged to recommend the books from the display to the library.
- To improve the reading books other than the text books, the Library has organized two special book displays with over 1500 new books just from the semester holidays. Students were encouraged to borrow books from the display for the semester break.

- For the benefit of students, the Library working hours were extended till 2 am (midnight) during the test/semester examination. The normal working hours of the library is 9 am to 11 pm.
- To meet the increasing demand for the seating in the library, added 80 new chairs/sofa in the reading area.
- To improve the efficiency of the RFID technology, updated with the latest version and introduced new services like self-renewal of books, book reservation facility etc.
- Introduced a system to book in advance the Discussion Rooms available in the library. These discussion rooms are being used by the faculty with the students and student groups to discuss their projects/presentations etc. The Discussion Rooms are equipped with the white board with the comfortable seating.

7.3 Good practices of the institution:

As part of following the good practices, Sponsored Research and Consultancy Division has designed standard MoU and NDA formats in order to alleviate the system.

In the Academic and Resource Planning Division, a meeting with Experts from IIT Madras, IIT Bombay, and IIT Delhi, and an industry expert from General Electric was organized on 24th March 2018 to review UG & PG Programmes offered by Electrical & Electronics Engineering (EEE) Department. Experts had interacted with faculty and offered their feedback on programs and individual courses.

International Programmes and Collaboration Division has extended partial financial support to some of the first degree students who did their off-campus theses at various foreign universities. It has conducted open house for faculty and students on operations of IPCD, International research collaborations and internship opportunities for students. IPCD is encouraging students for successful completion of internships at foreign Universities.

Practice School Division has followed the best practices like facilitating automatic incorporation of dual degree students for the PS-II allotment, Video Job Descriptions as a part of PS-II problem bank, enhancing the course specific allotment for core domain apart from Finance and IT, incorporating project specific course requirements in the allotment module, increasing the number of Faculty Co-instructors for PS-I and identifying industry executives to enhance the PS-I learning experience.

Center for Innovation, Incubation and Entrepreneurship (CIIE) under the aegis of BITS Pilani Hyderabad Campus TBI Society has carried out a TBI Student Incubation program which is an intensive program designed to help students interested in starting their own start-ups or building innovative products. While TBI conducts workshops and seminars on product development and business development, the Student incubation program is more intricate and deliberate. Students selected in this program get weekly training by experienced professionals on Entrepreneurship, Product Development, Commercialization of Technology, Intellectual Property and all the other areas in their Start-ups.

8. Plans of institution for next year:

Instruction Division is contemplating to take the following initiatives during the academic year 2018-19:

- To review the analytics of automatic recording and distribution of classroom lectures in four classrooms initiated during AY 2017-18. It is planned to study the data analytics on the student usage, collect the feedback from faculty and students to understand its impact on the overall teaching and learning of these courses.
- To install and setup a new server for running the course management system for enhanced student strength of 5000+ students on campus by August 2018
- To work towards framing a plagiarism policy for the institute in consultation with the HoDs
- To co-ordinate with HoDs to look into the available data related to teaching and learning (such as biometric attendance data, student feedback (qualitative & quantitative), MGPV, Impartus Video Lectures Statistics, Class Committee Minutes etc. to help refine their specific goals for the Department. In addition, it is also planned to identify few key measurable performance metrics/ indicators associated with each goal and review the same twice an academic year.

Academic Registration & Counselling Division (ARCD):

- Development of software interfaces and mobile applications for students use (eligibility requirements, courses completed, courses to be done, CGPA etc.)
- Continuing with the motivational lectures

Academic and Resource Planning Division (ARPD):

- An overall review of the structure of first degree programs may be undertaken during 2018-2019.

Academic Block & Sports Facilities (Maintenance Division):

- Construction of new academic blocks is in progress and 2 blocks will be ready by July 2018 and other 2 blocks by December 2018. (22 new classrooms, 203 faculty cubicles, EEE labs, CS labs are planned)
- Sport facilities like 8 track athletic ground with football in centre, 4 badminton courts, 2 squash courts, 1 basket court, 1 tennis court and one swimming pool are expected to be ready by July 2019.
- Faculty and staff Quarters construction work is in progress and F type & F type PhD quarters will be ready December 2018 and D & E type will be ready by July 2019 within the campus.
- HB 09 hostel construction work is in progress and will be completed by July 2018.

Student Welfare Division (SWD):

SWD is planning to ascertain “Students Satisfaction Index” for various services provided by the Division:

- A questionnaire shall be developed to measure student’s perceptions about their life on campus (i.e. Hostel maintenance, SAC, Messes, SWD office activities, Medical Centre, etc.)
- The students’ satisfaction index will help us to evaluate and improve upon the various services provided on campus, to improve the student experience.

Expansion Plan:

Expansion of campus as planned in Growth phase II with new hostels and academic buildings and increased student strength.