

**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 Pharmaceuticals)
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)

## **MINORS**

1. Minor in Data Science
2. Minor in English Studies
3. Minor in Entrepreneurship
4. Minor in Film and Media
5. Minor in Finance
6. Minor in Materials Science and Engineering
7. Minor in Philosophy, Economics, and Politics
8. Minor in Physics
9. Minor in Public Policy

B 1.3)

**STUDENT FEEDBACK ANALYSIS REPORT****PILANI CAMPUS****FIRST SEMESTER 2018-19****Department-wise Average Feedback Score**

Department	First Degree Core Courses	First Degree Elective Courses	Higher Degree Courses
	Feedback Score	Feedback Score	Feedback Score
BIO	8.27	8.24	8.03
CE	8.03	8.26	8.37
CHE	7.49	8.86	8.99
CHEM	7.65	8.31	9.67
CS IS	8.33	7.59	7.18
ECO FIN	7.54	8.24	---
EEE INSTR	7.96	8.56	8.35
HSS	8.40	8.87	---
MATH	8.03	8.55	---
MGTS	7.91	7.90	8.24
ME	---	8.26	8.58
PHA	8.28	9.04	8.86
PHY	8.04	7.24	9.08

# **STUDENT FEEDBACK ANALYSIS REPORT**

**SECOND SEMESTER 2018-19**

## **Department-wise Average Feedback Score**

<b>Department</b>	<b>First Degree Core Courses</b>	<b>First Degree Elective Courses</b>	<b>Higher Degree Courses</b>
	<b>Feedback Score</b>	<b>Feedback Score</b>	<b>Feedback Score</b>
BIO	8.23	8.57	8.33
CE	7.81	8.96	9.01
CHE	7.85	8.76	8.50
CHEM	7.78	8.77	9.99
CS IS	7.68	8.28	7.48
ECO FIN	7.72	7.12	---
EEE INSTR	8.41	9.07	8.10
HSS	8.66	9.00	---
MATH	8.12	8.11	---
MGTS	7.79	8.81	8.41
ME	8.84	8.15	7.94
PHA	7.97	8.44	8.35
PHY	8.00	9.20	---

# GOA CAMPUS

## FIRST SEMESTER 2018-19

### Department-wise Average Feedback Score

Department	First Degree Core Courses	First Degree Elective Courses	Higher Degree Courses
	Feedback Score	Feedback Score	Feedback Score
BIO	8.82	8.47	8.87
CHE	7.81	8.45	8.51
CHEM	7.98	8.83	
CS IS	7.52	8.12	8.29
ECO /FIN	7.7	7.80	
EEE INSTR	7.91	8.12	8.59
HSS	8.3	8.50	
MATH	8.31	7.41	
ME	8	7.99	8.12
PHY	8.4	9.04	

# **STUDENT FEEDBACK ANALYSIS REPORT**

**SECOND SEMESTER 2018-19**

## **Department-wise Average Feedback Score**

<b>Department</b>	<b>First Degree Core Courses</b>	<b>First Degree Elective Courses</b>	<b>Higher Degree Courses</b>
	<b>Feedback Score</b>	<b>Feedback Score</b>	<b>Feedback Score</b>
BIO	8.54	9.21	9.04
CHE	7.65	8.72	8.70
CHEM	7.53	9.25	
CS IS	7.26	8.24	8.22
ECO FIN	7.45	8.96	
EEE INSTR	7.72	7.99	8.44
HSS	7.59	8.82	
MATH	8.19	8.17	
ME	8.15	8.65	8.55
PHY	7.72	8.71	

# HYDERABAD CAMPUS

## FIRST SEMESTER 2018-19

Hyderabad Campus Average Student Feedback Score : 8.82

Average % of Students Participated in Feedback : 47.38

### Department-wise Average Feedback Score

Department	First Degree Core Courses			First Degree Elective Courses			Higher Degree Courses		
	MGPV	Score	% of students	MGPV	Score	% of students	MGPV	Score	% of students
BIO	6.82	8.19	52.2	8.31	8.81	79.17	7.70	8.73	72.42
CE	7.16	8.85	51.51	7.27	9.44	30.60	8.53	9.26	86.25
CHE	6.92	8.19	44.77	7.09	8.86	46.70	8.36	8.91	88.91
CHEM	6.85	8.73	60.79	7.47	9.33	49.29	8.74	9.79	83.33
CS IS	7.21	8.72	17.04	7.3	8.81	23.64	7.62	8.49	38.44
ECO	7.20	9.07	29.94	6.99	8.83	36.27	---	---	---
FIN									
EEE	6.8	8.61	45.26	7.78	8.65	49.64	8.06	9.03	78.70
HSS	---	---	---	7.11	9.07	19.25	6.78	9.31	35.99
MATH	6.56	8.80	21.87	7.22	8.06	43.97	---	---	---
ME	6.98	8.92	43.63	7.18	8.97	36.75	7.86	8.18	65.05
PHA	6.53	9.16	63.57	6.63	9.69	51.38	7.07	8.79	77.45
PHY	7.17	8.79	39.06	7.33	8.49	30.60	8.54	9.78	63.41

### Average Feedback Score of First Year Courses

S. No.	Course Name	MGPV	Score	% of Students
1.	Biology Laboratory	9.27	8.96	79.74
2.	Chemistry Laboratory	9.21	9.06	86.36
3.	Computer Programming	6.59	8.60	17.04
4.	Electrical Sciences	6.99	9.14	16.85
5.	Engineering Graphics	8.49	8.46	51.54
6.	General Biology	7.15	8.74	48.07
7.	General Chemistry	7.01	9.25	13.79
8.	Mathematics I	6.38	8.88	41.23
9.	Mathematics II	6.71	9.08	21.85
10.	Probability and Statistics	6.30	9.48	21.42
11.	Technical Report Writing	7.43	8.99	29.98
12.	Thermodynamics	6.40	8.96	20.94
13.	Workshop Practice	8.50	8.87	71.26
14.	General Mathematics I (Only for Pharmacy)	7.57	6.42	13.33
15.	General Mathematics II (Only for Pharmacy)	6.33	7.39	44
16.	Physics Laboratory	9.85	8.92	86.61
17.	Mechanics, Oscillations and Waves	6.95	8.76	15.03
18.	General Physics (Only for Pharmacy)	6.92	8.6	82.89
19.	Environmental Studies	0.00	8.13	1.55



# **BIOMETRIC STUDENT ATTENDANCE DATA ANALYSIS REPORT**

## **FIRST SEMESTER 2018-19**

<b>Campus Average Attendance %</b>	<b>25.76</b>
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<b>S. No.</b>	<b>Dept. Name</b>	<b>Average % of Attendance</b>
1	BIO	27.96
2	CE	26
3	CHE	30.83
4	CHEM	36.6
5	CS	16.46
6	ECON	23.63
7	EEE	14.36
8	HSS	16.58
9	MATH	19.93
10	ME	34.15
11	PHA	37.49
12	PHY	25.17

# **STUDENT FEEDBACK ANALYSIS REPORT**

## **SECOND SEMESTER 2018-19**

**Hyderabad Campus Average Student Feedback Score : 8.89**

**Average % of Students Participated in Feedback : 44.15**

### **Department-wise Average Feedback Score**

Department	First Degree Core Courses			First Degree Elective Courses			Higher Degree Courses		
	MGPV	Score	% of students	MGPV	Score	% of students	MGPV	Score	% of students
BIO	6.83	8.93	50.40	7.29	9.16	58.33	7.02	8.25	77.54
CE	7.43	8.31	48.15	7.13	9.51	38.33	7.61	9.16	70.69
CHE	7.24	8.13	35.55	6.85	8.26	36.67	7.42	8.62	74.89
CHEM	7.54	8.99	43.21	8.99	38.40	7.51	8.83	8.74	90
CS IS	7.06	8.88	22.41	7.24	8.83	24.87	7.75	8.56	81.80
ECO	6.99	8.70	28.28	6.96	9.15	35.38	---	----	----
FIN									
EEE	6.61	9.00	35.02	7.40	9.15	45.82	7.99	8.75	89.23
HSS	---	---	---	7.04	9.10	16.70	7.14	8.64	15.38
MATH	6.61	8.48	25.93	6.83	8.23	24.83	---	----	----
ME	6.79	8.70	43.05	6.83	9.13	40.23	8.00	8.79	70.05
PHA	6.72	9.13	59.45	7.41	9.42	52.52	7.72	9.40	70.99
PHY	7.49	8.96	40.87	7.22	9.20	33.87	9.03	9.57	83.07

### Average Feedback Score of First Year Courses

S. No.	Course Name	MGPV	Score	% of Students
1.	Biology Laboratory	9.22	8.65	89.11
2.	Chemistry Laboratory	9.33	9.1	84.56
3.	Computer Programming	6.90	8.46	47.67
4.	Electrical Sciences	6.91	8.81	15.44
5.	Engineering Graphics	8.42	9.01	70.95
6.	General Biology	7.33	7.09	62.57
7.	General Chemistry	6.89	8.96	24.21
8.	Mathematics II	6.69	9.36	14.95
9.	Probability and Statistics	6.72	9.35	19.21
10.	Technical Report Writing	7.38	8.98	18.43
11.	Thermodynamics	6.44	9.14	43.7
12.	Workshop Practice	8.33	8.7	64.69
13.	General Mathematics II (Only for Pharmacy)	6.65	9.20	20.73
14.	Physics Laboratory	9.50	9.33	86.65
15.	Mechanics, Oscillations and Waves	6.90	9.1625	12.81
16.	Environmental Studies	0	9.65	1.57

# **BIOMETRIC STUDENT ATTENDANCE DATA ANALYSIS REPORT**

## **SECOND SEMESTER 2018-19**

<b>Campus Average Attendance %</b>	<b>52.53</b>
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<b>S. No.</b>	<b>Dept. Name</b>	<b>Average % of Attendance</b>
1	BIO	61.95
2	CE	51
3	CHE	62.47
4	CHEM	60.06
5	CS	42.64
6	ECON	56.96
7	EEE	31.95
8	HSS	48.31
9	MATH	52.01
10	ME	54.88
11	PHA	59.49
12	PHY	48.71

### **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 15<sup>th</sup> 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)**

The feedback is collected online via Placement automation system from the recruiters. The same has been attached sector wise (the bellwether company of that sector) irrespective of campus. It is used for analysis on course structure, student performance, industry trends, campus wise performance etc.

1. **Archana Yadav, Human Resources, Honeywell**

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. **Jayesh Bhikadia, AVP- Fixed Income Research, Futures First Info Services**

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. **Venkatesh Bhupathi, Sr. Software Engineering Lead, Microsoft Corporation**

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. **Devjyoti, Content Developer, Byjus**

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. **Harsh Singh, Indus Insights**

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.

**B 2.11 Course/ Programme wise distribution of pass percentage:**

Hyderabad Campus:

Program Title	Total No.Of Students Appeared	DISTINCTION	DISTINCTION AVG	FIRST	FIRST AVG	SECOND	SECOND AVG
B.E.(Hons.)(Chemical)	9	2	22.22	6	66.67	1	11.11
B.E.(Hons.)(Chemical) (with Practice School)	54	2	3.7	33	61.11	19	35.19
B.E.(Hons.)(Civil)	23	2	8.7	14	60.87	7	30.43
B.E.(Hons.)(Civil) (with Practice School)	44	0	0	22	50	22	50
B.E.(Hons.)(Computer Science)	33	11	33.33	19	57.58	3	9.09
B.E.(Hons.)(Computer Science) (with Practice School)	161	14	8.7	123	76.4	24	14.91
B.E.(Hons.)(Electrical and Electronics)	12	0	0	8	66.67	4	33.33
B.E.(Hons.)(Electrical and Electronics) (with Practice School)	87	6	6.9	66	75.86	15	17.24
B.E.(Hons.)(Electronics & Communication)	13	1	7.69	9	69.23	3	23.08
B.E.(Hons.)(Electronics & Communication) (with Practice School)	91	12	13.19	66	72.53	13	14.29
B.E.(Hons.)(Electronics and Instrumentation)	6	0	0	3	50	3	50
B.E.(Hons.)(Electronics and Instrumentation) (with Practice School)	41	3	7.32	30	73.17	8	19.51
B.E.(Hons.)(Manufacturing Engineering)	10	0	0	8	80	2	20
B.E.(Hons.)(Manufacturing Engineering) (with Practice School)	33	0	0	21	63.64	12	36.36
B.E.(Hons.)(Mechanical)	26	4	15.38	17	65.38	5	19.23
B.E.(Hons.)(Mechanical) (with Practice School)	66	7	10.61	40	60.61	19	28.79
B.Pharm.(Hons.)	11	0	0	8	72.73	3	27.27
B.Pharm.(Hons.) (with Practice School)	9	0	0	6	66.67	3	33.33
M.E. Civil ( With specialization in Infrastructure Systems)	1	0	0	1	100	0	0
M.E.(Biotechnology)	9	2	22.22	7	77.78	0	0
M.E.(Biotechnology) (with Practice School)	6	0	0	5	83.33	1	16.67
M.E.(Chemical)	7	2	28.57	5	71.43	0	0
M.E.(Civil with specialization in Structural Engineering)	5	3	60	2	40	0	0
M.E.(Civil with specialization in Structural Engineering) (with Practice School)	7	6	85.71	1	14.29	0	0
M.E.(Civil with specialization in Transportation Engineering)	3	1	33.33	2	66.67	0	0
M.E.(Civil with specialization in Transportation Engineering) (with Practice School)	4	3	75	1	25	0	0
M.E.(Communication Engineering) (with Practice School)	12	3	25	9	75	0	0
M.E.(Computer Science with specialization in Information Security)	1	0	0	1	100	0	0
M.E.(Computer Science with specialization in Information Security) (with Practice School)	9	0	0	7	77.78	2	22.22
M.E.(Computer Science) (with Practice School)	18	5	27.78	13	72.22	0	0
M.E.(Design Engineering)	2	0	0	2	100	0	0

M.E.(Design Engineering) (with Practice School)	12	2	16.67	10	83.33	0	0
M.E.(Mechanical with specialization in Thermal Engineering)	3	1	33.33	2	66.67	0	0
M.E.(Mechanical with specialization in Thermal Engineering) (with Practice School)	6	2	33.33	4	66.67	0	0
M.E.(Mechanical)	1	0	0	1	100	0	0
M.E.(Mechanical) (with Practice School)	11	1	9.09	10	90.91	0	0
M.E.(Microelectronics) (with Practice School)	12	5	41.67	7	58.33	0	0
M.Pharm.(with specialization in Pharmaceutics)	12	2	16.67	8	66.67	2	16.67
M.Pharm.(with specialization in Pharmaceutics) (with Practice School)	6	1	16.67	5	83.33	0	0
M.Sc.(Hons.)(Biological Sciences)	8	0	0	1	12.5	7	87.5
M.Sc.(Hons.)(Biological Sciences) (with Practice School)	16	0	0	13	81.25	3	18.75
M.Sc.(Hons.)(Chemistry)	13	0	0	7	53.85	6	46.15
M.Sc.(Hons.)(Chemistry) (with Practice School)	17	0	0	13	76.47	4	23.53
M.Sc.(Hons.)(Economics)	6	2	33.33	3	50	1	16.67
M.Sc.(Hons.)(Economics) (with Practice School)	47	2	4.26	37	78.72	8	17.02
M.Sc.(Hons.)(Mathematics)	23	3	13.04	12	52.17	8	34.78
M.Sc.(Hons.)(Mathematics) (with Practice School)	20	0	0	15	75	5	25
M.Sc.(Hons.)(Physics)	27	2	7.41	18	66.67	7	25.93
M.Sc.(Hons.)(Physics) (with Practice School)	7	0	0	4	57.14	3	42.86
<b>Grand Total</b>	<b>1060</b>	<b>112</b>	<b>10.57</b>	<b>725</b>	<b>68.4</b>	<b>223</b>	<b>21.04</b>

### Pilani Campus:

Program Title	Total No. of Students Appeared	Distinction	Distinction Avg	First	First Avg	Second	Second Avg
B.E.(Hons.)(Chemical)	18	2	11.11	14	77.78	2	11.11
B.E.(Hons.)(Chemical) (with Practice School)	82	7	8.54	51	62.2	24	29.27
B.E.(Hons.)(Civil)	18	2	11.11	6	33.33	10	55.56
B.E.(Hons.)(Civil) (with Practice School)	76	4	5.26	47	61.84	25	32.89
B.E.(Hons.)(Computer Science)	32	8	25	21	65.63	3	9.38
B.E.(Hons.)(Computer Science) (with Practice School)	148	24	16.22	97	65.54	27	18.24
B.E.(Hons.)(Electrical and Electronics)	26	8	30.77	16	61.54	2	7.69
B.E.(Hons.)(Electrical and Electronics) (with Practice School)	124	10	8.06	96	77.42	18	14.52
B.E.(Hons.)(Electronics and Instrumentation)	15	3	20	9	60	3	20
B.E.(Hons.)(Electronics and Instrumentation) (with Practice School)	81	4	4.94	52	64.2	25	30.86
B.E.(Hons.)(Manufacturing Engineering)	9	2	22.22	6	66.67	1	11.11
B.E.(Hons.)(Manufacturing Engineering) (with Practice School)	40	2	5	21	52.5	17	42.5
B.E.(Hons.)(Mechanical)	23	3	13.04	17	73.91	3	13.04
B.E.(Hons.)(Mechanical) (with Practice School)	105	4	3.81	73	69.52	28	26.67
B.Pharm.(Hons.)	20	1	5	10	50	9	45
B.Pharm.(Hons.) (with Practice School)	27	0	0	13	48.15	14	51.85
M.E.(Biotechnology)	9	3	33.33	6	66.67	0	0
M.E.(Biotechnology) (with Practice School)	9	0	0	9	100	0	0
M.E.(Chemical)	13	6	46.15	7	53.85	0	0
M.E.(Chemical) (with Practice School)	9	0	0	9	100	0	0



M.E.(Civil with specialization in Infrastructure Engineering and Management)	1	1	100	0	0	0	0
M.E.(Civil with specialization in Infrastructure Engineering and Management) (with Practice School)	7	1	14.29	6	85.71	0	0
M.E.(Civil with specialization in Structural Engineering)	3	1	33.33	2	66.67	0	0
M.E.(Civil with specialization in Structural Engineering) (with Practice School)	14	4	28.57	10	71.43	0	0
M.E.(Civil with specialization in Transportation Engineering)	3	3	100	0	0	0	0
M.E.(Civil with specialization in Transportation Engineering) (with Practice School)	11	4	36.36	7	63.64	0	0
M.E.(Communication Engineering) (with Practice School)	18	5	27.78	13	72.22	0	0
M.E.(Computer Science)	2	0	0	2	100	0	0
M.E.(Computer Science) (with Practice School)	18	0	0	18	100	0	0
M.E.(Design Engineering)	4	0	0	4	100	0	0
M.E.(Design Engineering) (with Practice School)	8	2	25	6	75	0	0
M.E.(Embedded Systems) (with Practice School)	19	5	26.32	14	73.68	0	0
M.E.(Manufacturing Systems Engineering)	4	1	25	3	75	0	0
M.E.(Manufacturing Systems Engineering) (with Practice School)	12	2	16.67	10	83.33	0	0
M.E.(Mechanical)	1	0	0	1	100	0	0
M.E.(Mechanical) (with Practice School)	10	2	20	8	80	0	0
M.E.(Microelectronics) (with Practice School)	22	6	27.27	16	72.73	0	0
M.E.(Software Systems) (with Practice School)	23	2	8.7	21	91.3	0	0
M.Pharm. (with Practice School)	10	1	10	9	90	0	0
M.Pharm.(with specialization in Pharmaceutical Chemistry)	5	1	20	4	80	0	0
M.Pharm.(with specialization in Pharmaceutical Chemistry) (with Practice School)	5	1	20	3	60	1	20
M.Pharm.(with specialization in Pharmaceutics)	2	0	0	1	50	1	50
M.Pharm.(with specialization in Pharmaceutics) (with Practice School)	6	0	0	5	83.33	1	16.67
M.Sc.(Hons.)(Biological Sciences)	48	1	2.08	30	62.5	17	35.42
M.Sc.(Hons.)(Biological Sciences) (with Practice School)	8	0	0	5	62.5	3	37.5
M.Sc.(Hons.)(Chemistry)	40	1	2.5	32	80	7	17.5
M.Sc.(Hons.)(Chemistry) (with Practice School)	7	0	0	3	42.86	4	57.14
M.Sc.(Hons.)(Economics)	47	6	12.77	28	59.57	13	27.66
M.Sc.(Hons.)(Economics) (with Practice School)	21	0	0	17	80.95	4	19.05
M.Sc.(Hons.)(Mathematics)	43	1	2.33	32	74.42	10	23.26
M.Sc.(Hons.)(Mathematics) (with Practice School)	15	1	6.67	9	60	5	33.33
M.Sc.(Hons.)(Physics)	52	2	3.85	40	76.92	10	19.23
M.Sc.(Hons.)(Physics) (with Practice School)	4	0	0	1	25	3	75
M.Sc.(Tech.)(General Studies) (with Practice School)	9	0	0	0	0	9	100
Master of Business Administration	2	0	0	2	100	0	0
Master of Business Administration (with Practice School)	77	6	7.79	63	81.82	8	10.39
<b>Grand Total</b>	<b>1465</b>	<b>153</b>	<b>10.44</b>	<b>1005</b>	<b>68.6</b>	<b>307</b>	<b>20.96</b>

## Goa Campus:

Program Title	Total No. of Students Appeared	Distinction	Distinction Avg	First	First Avg	Second	Second Avg
B.E.(Hons.)(Chemical)	14	1	7.14	6	42.86	7	50
B.E.(Hons.)(Chemical) (with Practice School)	83	4	4.82	47	56.63	32	38.55
B.E.(Hons.)(Computer Science)	42	7	16.67	33	78.57	2	4.76
B.E.(Hons.)(Computer Science) (with Practice School)	113	13	11.5	83	73.45	17	15.04
B.E.(Hons.)(Electrical and Electronics)	27	4	14.81	20	74.07	3	11.11
B.E.(Hons.)(Electrical and Electronics) (with Practice School)	110	5	4.55	85	77.27	20	18.18
B.E.(Hons.)(Electronics and Instrumentation)	16	2	12.5	10	62.5	4	25
B.E.(Hons.)(Electronics and Instrumentation) (with Practice School)	99	4	4.04	54	54.55	41	41.41
B.E.(Hons.)(Mechanical)	30	3	10	17	56.67	10	33.33
B.E.(Hons.)(Mechanical) (with Practice School)	87	6	6.9	53	60.92	28	32.18
M.E.(Biotechnology)	15	6	40	9	60	0	0
M.E.(Biotechnology) (with Practice School)	2	1	50	1	50	0	0
M.E.(Chemical)	11	3	27.27	8	72.73	0	0
M.E.(Computer Science)	1	0	0	1	100	0	0
M.E.(Computer Science) (with Practice School)	15	1	6.67	14	93.33	0	0
M.E.(Design Engineering)	5	0	0	4	80	1	20
M.E.(Design Engineering) (with Practice School)	10	4	40	5	50	1	10
M.E.(Embedded Systems) (with Practice School)	14	2	14.29	12	85.71	0	0
M.E.(Microelectronics) (with Practice School)	12	5	41.67	7	58.33	0	0
M.Sc.(Hons.)(Biological Sciences)	15	2	13.33	9	60	4	26.67
M.Sc.(Hons.)(Biological Sciences) (with Practice School)	14	0	0	10	71.43	4	28.57
M.Sc.(Hons.)(Chemistry)	17	1	5.88	13	76.47	3	17.65
M.Sc.(Hons.)(Chemistry) (with Practice School)	13	0	0	11	84.62	2	15.38
M.Sc.(Hons.)(Economics)	19	2	10.53	12	63.16	5	26.32
M.Sc.(Hons.)(Economics) (with Practice School)	45	1	2.22	37	82.22	7	15.56
M.Sc.(Hons.)(Mathematics)	29	1	3.45	18	62.07	10	34.48
M.Sc.(Hons.)(Mathematics) (with Practice School)	23	0	0	17	73.91	6	26.09
M.Sc.(Hons.)(Physics)	32	2	6.25	24	75	6	18.75
M.Sc.(Hons.)(Physics) (with Practice School)	17	0	0	8	47.06	9	52.94
<b>Grand Total</b>	<b>930</b>	<b>80</b>	<b>8.6</b>	<b>628</b>	<b>67.53</b>	<b>222</b>	<b>23.87</b>

## B) 2.13

**Initiatives undertaken towards Faculty Development****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



## **Significant Activities and contributions**

**Academic Counseling Cell (ACC), BITS Pilani, Pilani campus**, had organized a variety of events during Aug 2018 and April 2019. The major events are listed here:

1. **Life @ BITS and Beyond:** on 4th Aug 2018- 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. Many newly admitted students attended the interaction in the main auditorium.

2. **Faculty mentors for Newly admitted students:** In Aug 2018 **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 (~90 in Sem-I and ~120 in Sem-II- 2018-19) or under-performing students to provide them with academic counseling. A team of 20 dedicated ACC faculties from various departments monitored, offered solutions & advises to the under-performing students throughout both the semesters 2018-19.

4. **Koffee with Profs-1** on 5th Sept 2018. 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 etc. More than **100** students attended the programme.

5. **Koffee with Profs-2** on 24th April 2019. Again fun interaction with quiz and games involving students and faculty- there was a cordial and enjoyable interaction. Around **60** students attended.

6. **Invited Talk:** on 4th Feb 2019- invited talk by Dr. Kuljeit Uppaal was arranged. She has been awarded with the esteemed Inspirational Polymath Award' being an Image Scientist, a Pilot, a CEO and Entrepreneur, Creative Director, an Author. Around 20 students attended the talk entitled " A Rendezvous with Yourself".

7. **Pre-midsem and pre-compre interaction of ICs with 1st year students:** Interactions with 1st year students were arranged in 1st semester to clear their queries before the exams. The interaction happened in SR common room. Around 100 students attended the same.

8. **Arrangement of Remedial Classes:** Remedial classes were conducted before major exams in each semester for students having difficulty in grasping course contents/topics. The number of attendees varied in each session.

9. **Interaction with under-performing low CG students:** An interaction with 2nd year students who have CG below 5.5 was planned on 25th September 2018. Many students attended the same, and they were motivated for a better performance.

10. **Mess visit:** Mess visit was conducted for an informal interaction e.g. in Meera Bhavan on 18th Sept 2018 with first year students. Female faculties were part of the event.

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:** A get together was arranged followed by lunch on 23rd Feb 2019. It was meaningfully conducted with games and a personal introspective exercise. For the first year students this was their first bonding event with faculty. Mr Scott conducted games and the exercise, and motivated the students. Another similar event was conducted in the earlier semester on 6th Sept 2018.

15. **Mr Scot's interaction with PhD students:** on 13th Nov 2018 and 7th Feb 2019 professional counselor Mr Emerson Scot talked on time management, personal development and research motivation. He interacted with on campus PhD scholars and addressed their queries. This event was organized to interact and motivate PhD scholars on campus.

16. **Interaction with probation students:** Interaction with students in probation through ACB-- assessing their performance and guidance.

**Academic Counseling Cell (ACC), BITS Pilani, Dubai Campus,** has a primary objective to support students who are under performing due to various reasons.

### **Early correction Approach**

ACC devised an approach to quickly turn around the underperforming students before it is too late. Under this approach students were identified based on their academic performance and counseled by ACC team members. During the counseling sessions, the team members highlighted the reasons leading to weak performance by the students. Appropriate suggestions were made on case to case basis to help the students better their performance.

### **Additional support systems**

Remedial classes were conducted for the identified students by their senior students. As these classes were conducted by their peer group, the students picked up the required subject ideas easily in a relaxed way without any stress of evaluation. In few cases, complete study materials and hand-written notes were provided for ease of reference. These techniques helped in fixing the deficiencies in most cases and successfully improved their academic performance.

These students were given special counselling for selection of courses before each semester so that they would complete their academic requirements in a planned way. They were also informed about the implications of any failures for future registrations. These support systems helped many students to correctly navigate semester after semester to achieve success in a preplanned way.

**Academic Counseling Cell (ACC), BITS Pilani, Hyderabad campus,** started functioning in the academic year 2018 – 2019. The first meeting of ACC faculty members was held on September 4<sup>th</sup>, 2018. We report here the major activities undertaken during this period.

1. **Mission and Vision of ACC:** A presentation about the Academic Counselling Cell (ACC) was delivered to the student community on September 17, 2018 in the auditorium. In particular, the presentation highlighted the vision, the mission, goal, its members, working Cell and ambit of ACC. Various students' issues were discussed. Students were told how to access help from ACC and feedback was taken from the student community about what type of help they want. About 700 students attended this presentation.
2. **Coffee with Professor I:** ACC organized "Coffee with Professor" event on 28-09-2018 (Friday) evening in the institute Cafeteria. The event was attended by around 80 students and 40 faculties. Most of the discussions were centered around understanding life in the campus.
3. **Coffee with Professor II:** This event was held on January 31, 2019. This time ACC suggested a topic for discussion "Strategies for better Class room engagements". The event happened in Dining Hall – 1 and was attended by about 400 students.

4. **Remedial Classes:** To help the first year students who have done badly in the Mid-semester examinations following actions were planned: identification of students for counselling in consultation with the IC of the courses and the correlation of biometric attendance and grades; division of the ACC members into different groups and counsel students individually, make arrangements for student tutors, provide the list of students to the Hostel Wardens for personal care and interaction with the students who are not doing well academically. Based on the data collected remedial classes were organized for first year students who were awarded NC/E grades. From each department a faculty was assigned to take care of the remedial classes. Student ACC mentors worked with the respective faculty coordinators in coordinating the remedial classes from 12/11/2018. We received positive feedback from students regarding the remedial classes.
5. **Talk on Mental Health:** A talk on mental health was organized on 18<sup>th</sup> September, 2018 with help of Roshni, NGO. The members of Roshni talked about identifying students who need counselling and how to deal with the situation of increasing depression among the College students.
6. **Seminar on career guidance:** ACC organized a talk on 26<sup>th</sup> September, 2018 to help third and fourth year students in SOP writing or who were applying for MS/PhD positions. As a related activity, on September 15<sup>th</sup> 2018, a proforma was created by ACC to collect the research interests of faculties to help the students get connected with faculties based on their own research interests and get help in applying for research projects, SOP or applying for PhD abroad. The collected consolidated data will be hosted on the ACC website for the students.
7. **Hostel visit and mentorship program:** Some of the ACC faculty members and ACC student members visited the first year students' hostel to find out issues that hinder their academic progress. The issues were collected and discussed thoroughly with the student and faculty representatives. Some remedial measures have been taken in response to the distress felt by the first year students in the campus. In particular, "Amma and Bapu" mentorship program has been initiated to reduce stress levels in particular among the first year students. Furthermore, some of the ACC faculty members and student volunteers met student representatives several times in a popular eating joint to understand and discuss solutions to various problems faced by the student community in the campus.
8. **Panel discussion:** A panel discussion was organized on February 15, 2019 on the topic "Life@BITS for academic excellence". The panel members consisted of senior BITS alumnus, recent BITS alumnus, current student and faculty from the campus. It was attended by about 25 students and faculties. The panellists discussed about several topics which includes classroom learning, strategies to attract present generation students to the classroom and the role of technology in teaching and learning.



**ACADEMIC CALENDAR FOR K. K. BIRLA GOA 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)	Eid- 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 10 (W)	Last day for withdrawal from courses
October 8 (M)-14 (Su)	Mid Semester Test(Class work suspended)
October 19 (F)	Dussehra (H)
October 20 (S)	Last day for returning evaluated answerscripts of Mid-Semester Test
October 26 (F)	Last day of submission of Mid Test Information & Mid Semester grading
November 6 (T)-7 (W)	Diwali (H)
November 22 (Th)	Wednesday'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 (S) 2018 to January 5 (S) 2019	Recess
December 19 (W)	Goa Liberation Day(H)
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)	MakarSankranti (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)	BasantPanchmi and Founder's Day (H)
March 11(M)-17 (Su)	Mid Semester Test(Class work suspended)
March 16 (S)	Last day for withdrawal from courses
March 21(Th)	Holi (H)
March 23 (S)	Last day for returning evaluated answerscripts of Mid-Semester Test
March 26(T)	Last day of submission of Mid Test Information & Mid Semester grading
April 14 (Su)	Ram Navami (H)
April 17 (W)	MahavirJayanti (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
1	2	3	4	5	6				1	2	3	4	30	31				1		1	2	3	4	5	6						1	2	3	4	5	6					
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)	Budha 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.

### Details on Research Publication

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 tiers of its education programme, i.e. First Degree, Higher Degree and PhD and (b) innovation and entrepreneurship through sponsored research and consulting. BITS Pilani has taken several initiatives to support and cultivate a research environment in all four of its campuses in Pilani, Dubai, Goa and Hyderabad. This report summarizes the growth of both academic as well as sponsored research.

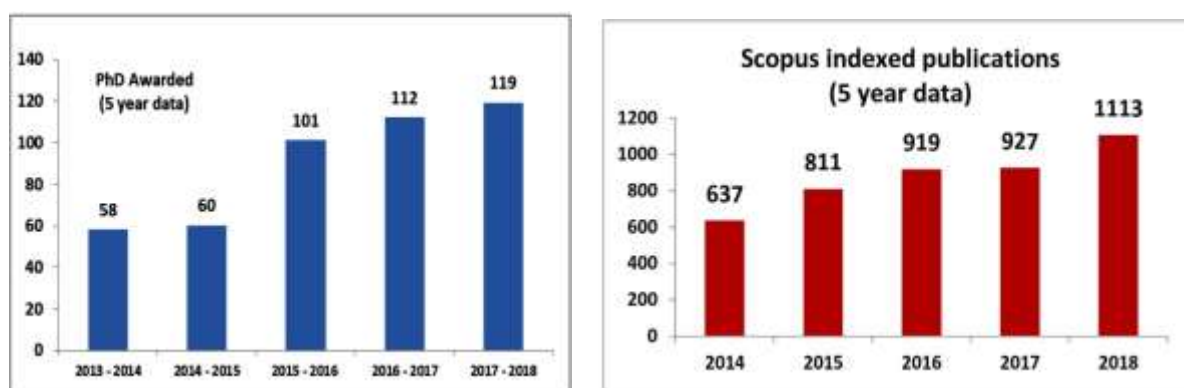
#### 1. Academic Research:

BITS Pilani 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 the PhD programme off the Institute 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 268 in 2018.

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

- Number of PhD degree awarded has witnessed an increase from 58 in 2013-2014, to 119 in 2017-2018.
- Dissertation projects by Higher Degree students have grown from 61 to 297, since 2010.
- Thesis projects completed by First Degree students have grown from 139 to 1632, since 2010.
- Number of research papers published by faculty members in SCOPUS indexed journals, have increased from 281 to 1113 since 2010.



**Fig 1.** Growth in (a) number of PhD degrees awarded and (b) research papers published by BITS faculty in SCOPUS index journals, since 2014 (from Scopus website).

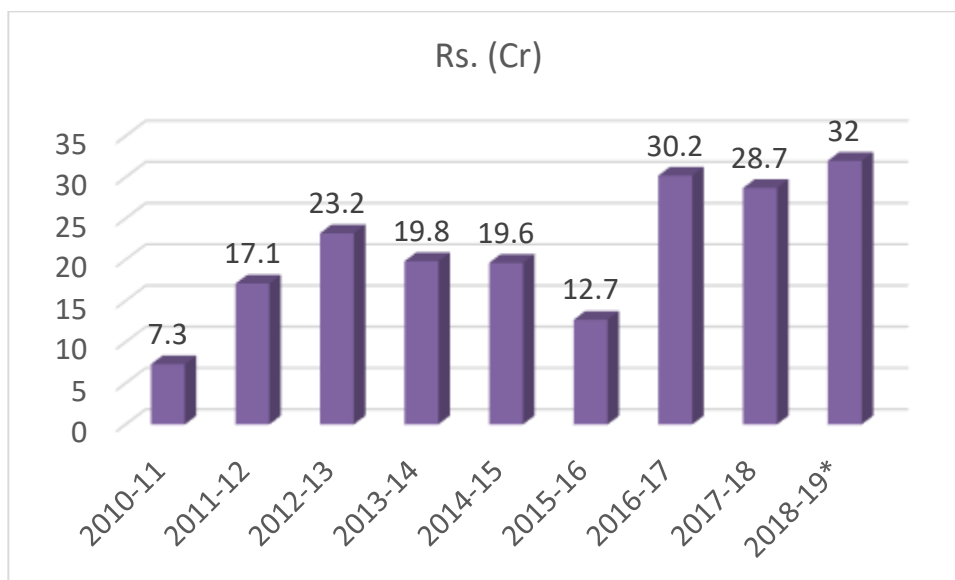
#### 2. Sponsored Research and consultancy

BITS Pilani has been very recently awarded Institute of Eminence (IOE) status. BITS Pilani vision is to be among top research focus institutes in Asia by 2022. Through its mission 2012 and 2015 and the project Lakshya, various initiatives were taken to enhance the research capabilities. During the period April 01, 2018 to Feb 28, 2019, average external funding has grown from 17.4 cr /year (2010-2015) to Rs. 24.6 cr/year (2014-2019). During the period 128 new projects worth Rs. 32 cr, have been approved. In addition to the new projects, 222 externally funded sponsored projects worth Rs. 64 cr were ongoing. Of this, 36 projects worth Rs. 7 cr were completed successfully. During the period a total of 24 infrastructure grants worth Rs 13.85 cr (including FIST share of 10.89 cr and BIRAC share of Rs. 2.96 cr) were ongoing of which 8 FIST projects worth Rs. 1.92 cr were completed successfully. During the year 5 new patents were granted and 9 new patents were filed. A significant growth was also achieved in International collaborative projects, 12 projects worth Rs. 6.5 cr (20.3 % of the total funding). During the period 14 Industry projects worth Rs. 3.0 cr and 12 consultancy projects worth Rs. 1.16 cr were received.

Following are the important highlights of the sponsored research:

- During the period April 01, 2018 to Feb 28, 2019 so far 128 research and consultancy projects worth Rs. 32 cr has been approved (highest number of projects received so far).

- Funding distribution was Government 67.7%, Industry 12%, and International 20.3%.
- 9 new patent applications were filed with BITS Pilani as sole or joint applicant with BITS faculty as inventors. During the period 5 patent Indian patents were also granted with faculty as inventor or joint inventor. In four of these patents BITS Pilani is final assignee.
- A Bioincubator facility was inaugurated at KK Birla Goa Campus under BITS BIRAC BioNEST grant (Rs. 2.96 cr) received from BIRAC in 2017. 3 companies have been identified for incubation in area of health and environment.
- 12 new collaborative projects worth Rs. 6.5 cr were received in collaboration with Top institute. Funding agencies include Royal Academy of Engineering UK, IC-IMPACT Canada, Research Council Norway, Global Challenge Research Fund UK, EU H2020-DST, AnSUR Norway, BMW Germany, Max Planck Institute Germany. 5 projects were approved under newly launched SPARC scheme of MHRD Govt of India in collaboration with Lund Univ. Sweden, Tel Aviv Univ. Israel, Cardiff Univ. UK, Kyushu Univ. Japan and CENTRALESUPÉLEC France.
- A major project was awarded to Prof Halan Prakash (Chemistry, Goa Campus) under Horizon 2020 of the European Union and DST India in the area of Waste Water Treatment Technology (PANI/WATER) worth Rs. 2.50 cr (BITS share) led by UCD Ireland from EU jointly with a consortia of multiple European and Indian partners jointly led by NEERI Nagpur.
- 14 Industry projects worth Rs. 3.0 cr were received from various industries namely; ONGC, Morningside Healthcare Ltd. UK, Colorcon Asia Pvt. Ltd., AnSUR Norway, INTAS Pharmaceuticals Ltd., SLYBack Pharma Hyderabad, Ankur Scientific Energy Technologies Pvt. Ltd., Oniosome Healthcare Private Ltd., Ahmedabad, Crenza Pharmaceutical Ltd., MapmyIndia, Ministry of Steel, IFB, M/s Deccan Fine Chemicals etc.
- 3 new projects in the area of waste water treatment were funded in collaboration with ABSTCL Mumbai worth 1.5 cr. with cross campus BITS faculty team.
- A new infrastructure grant of Rs. 1.38 cr (50:50 sharing) was awarded to the Department of Pharmacy, Hyderabad campus from DST under FIST scheme
- Prof. Utpal Roy received an ICMR grant of Rs 72 lakh with PIGMER Chandigarh from ICMR.
- Prof. RN Saha received two projects form Industry (Morningside Healthcare Ltd.t UK and Colorcon Asia Pvt Ltd).
- Grants were received from funding agencies namely DST, DBT, ICMR, SERB, DRDO, ISRO, CSIR, MHRD, BRNS, Ayush Ministry, LEGO India, RAE UK, Research Council Norway, Ministry of Housing & Urban Affairs New Delhi, IC-IMPACT etc. and Industries as mentioned above.



**Figure: Trend of sponsored research funding**

\* Till Feb. 28, 2019



## **II. INTRODUCTION**

### **Promotional Efforts for Research**

#### **Research Initiation Grant**

Research Initiation Grant aims to enable and support research related activities for a newly recruited faculty. The grant of Rs 2.0 lakhs is awarded soon after the faculty joins BITS Pilani and is to be spent within 24 months of appointment.

#### **Seed Grant Scheme of the Institute**

The Institute has initiated a competitive Seed Grant Scheme. The scheme is designed to stimulate competitive research in strategic areas of national or international importance, to promote innovative product and technology development, and/or to facilitate the start of research programs which will potentially develop into creative ventures on their own through external funding. It aims to aid a faculty to engage in sustained research that has the potential to attract funds from external agencies.

#### **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 Pilani encourages and supports its on-campus faculty members to spend a few weeks in industry through an Industry Immersion Programme. This helps the faculty members to gain first-hand exposure to industry practices and eventually enable them to utilize this knowhow during teaching in the classroom.

#### **University Exposure Program:**

BITS Pilani 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 (a) 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 Pilani from its own resources, has established a "Centre of Excellence in Water, Waste and Energy Management" at its three campuses in India. This Centre encourages participation of faculty and students from Dubai campus.

In the first round, 5 projects were 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 were inter-disciplinary R&D projects with cross-discipline and cross-campus faculty teams. The centre has facilitated bringing an opportunity for faculty to undertake societal projects with focus on solution based approach. A number of new projects have emerged through this initiative. Institute will focus on strengthening research activity in this thrust area.

#### **Faculty Development Scheme**

This scheme of the Institute allows faculty holding M.E./M.Pharm./M.Phil. Degrees to work towards a Ph.D. degree and simultaneously contribute to academic activities of the Institute as lecturers. The Institute waives their total admission and tuition fee under this scheme.

#### **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 a fellowship to its full time research scholars.

### **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 various international universities and research organizations exists in the form of MoU 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 etc.

### **Part Time Ph D Scheme:**

The Institute, in addition to its full time PhD programme offers opportunities for candidates working in reputed research organizations, academic Institutes and industries, situated preferably in the close vicinity of any of the campuses of BITS Pilani to pursue a PhD Degree on a part time basis.

### **Ph.D. Aspirants' Scheme**

The Off-campus Ph.D. under the Ph.D. Aspirants' scheme has attracted wide attention. Under this scheme, an opportunity is provided to candidates of high standing and proven competence from organizations having collaboration with BITS Pilani, to study for the Ph.D. degree of the Institute within the environment of their professional settings.

A few important organizations from which candidates are associated with the Institute under the Aspirant scheme is listed below:

- Indian School of Business, Hyderabad
- Tata Institute of Fundamental Research, Mumbai
- Central Electronics Engineering Research Institute, Pilani
- Industrial Toxicology Research Centre, Lucknow
- Sankara Nethralaya and Elite School of Optometry, Chennai
- L.V. Prasad Eye Institute, Hyderabad
- Institute of Cardio-Vascular Disease, Chennai
- Institute for Technology and Management, Navi Mumbai
- Institute of Pathology, ICMR, New Delhi
- Infosys, Pune
- Indian Army, Delhi / Secundarabad
- G. E. Healthcare, Bangalore
- Crompton Greaves Ltd., Jalgaon
- Dr. Reddy's Lab, R&D, Bachupally, Hyderabad
- DRDO, Research Centre IMARAT, Hyderabad
- Elfit Arabia, Ajman, UAE

### **Research at Higher & First Degree Levels**

As part of the academic requirement of the Higher Degree, (i.e. M.E./M.Pharm./M.Phil./M.B.A.) of the Institute, students are offered opportunities to do a one or two Semester Dissertation. Higher Degree students opting for a dissertation register for this course in the third and/or fourth semester of the programme and work under the supervision of a faculty on a research project. Dissertation work can be carried out under the on or off-campus mode.

At the First Degree tier, besides various project courses, students can opt for an on-campus one full-semester thesis project of 16 units 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 Pilani (within India or abroad).

### **Students Contribution**

The creative and talented pool of students at BITS Pilani is also actively engaged in carrying out research based project works at Practice School Centres which is an integral part of the First or Higher Degree programme. 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' and 'Atmos' is organized in the BITS-Pilani K.K. Birla Goa and Hyderabad Campus respectively.

### **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), Global Challenge Research Funds, UK, Medical Research Council UK, IC-IMPACT Canada, Research Council Norway, Royal Academy of Engineering UK, Newton Bhabha Funds UK, EAWAG Switzerland, GIZ Germany, 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), TCS India, CISCO, Nokia, Microsoft Research India (MSRI),, Cipla Biotech Ltd., Tata Trust, HP Lab India, Ranbaxy Research laboratories Ltd., IPCA Laboratories Ltd., INTAS Pharmaceuticals Ltd., Morningsight UK, etc. Since 2010 the sponsored R&D funding of BITS has significantly grown from Rs. 7.5 cr. in 2010-2011 to Rs. 32 Cr. in 2018-19. 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 Ph.D. fellowship amount has been increased up to 25,000 per month from 22,000. Currently 388 full time research students, who have been admitted to Ph.D. programme, are receiving Research Assistantship across campuses.

#### **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 116 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, NPMAS, Incozen, MOM, BRNS, MNRE, UGC, ICMR, TCS etc. There are 175 research scholars across three campuses at present in such position.

### **Areas of Research**

Currently the research activities are focused in the following areas:

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#### **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 Multi-criterion 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.

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## Areas of Research

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**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.

**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

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

## List of Research Publications in SCOPUS indexed journals

### Pilani Campus

1. Jha, P, Panwar, J, Jha, PN (2018). Mechanistic insights on plant root colonization by bacterial endophytes: a symbiotic relationship for sustainable agriculture. *Environmental Sustainability*, 1:25-38
2. Nehra P., Khungar B., Singh RP., Sivasubramanian SC., Jha PN., Saini V. (2018). Synthesis, characterization and applications of imidazolium ionic liquid-tagged zinc(II) complex. *Inorganica Chimica Acta*. 478: 260-267.
3. Reddy POV, Hriday M., Kumar N., Khan S., Jha PN., Shah K., Kumar D. (2018). Synthesis and investigations into the anticancer and antibacterial activity studies of  $\beta$ -carboline chalcones and their bromide salts. *Bioorganic & Medicinal Chemistry Letters*, 28:1278-1282.
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46. Workshop for Woman in Science Administration and Management organized by the British Council, IISER Pune and IndiaBioscience through the Newton-Bhabha Fundat National Centre for Biological Sciences, Bengaluru, Karnataka, India during November 26<sup>th</sup>- 29<sup>th</sup> 2018.
47. Workshop on Engineering Economics Entrepreneurship in collaboration with Fulbright Educational Exchange Program at BITS Pilani K K Birla Goa Campus, Goa, India, during May 28th 2018 to Friday, July 6th 2018. Mentor: Fulbright Specialist (FS) Prof. Ashok Kumar Ghosh (Ph.D., P.E) from the New Mexico Tech, USA and Prof. AnasuyaGanguly, BITS Pilani KK Birla Goa Campus. Business proposal on 'Production of Biofertilizers' was presented.
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### III. RESEARCH ACHIEVEMENTS IN 2018

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

- Candidates awarded a PhD Degree
- Thesis submitted or under evaluation
- Research Contributions through Higher Degree Dissertations
- Ph.D. Qualifying Examination
- 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.

#### Pilani Campus

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
1	Shreshtha Malvia	Biological Sciences	Sunita Saxena/SA Raju Bagadi/ Uma S. Dubey	Study of Gene Expression and Methylation Profiles Associated with Early and Late Onset Indian Breast Cancer Patients
2	Isha Pandey	Biological Sciences	A.K. Das	Comparative Genome Analysis and Localization of Hypothetical Conserved Plasmodial Proteins
3	Panchsheela Nogia	Biological Sciences	Sandhya Mehrotra	Targeting Cyanobacterial Bicarbonate Transporter BicA into Chloroplast of Model C3 Plants and Analyzing Transient Expressio and Localization
4	Vandana	Biological Sciences	Sandhya Mehrotra	Transformation and Expression of a Na <sup>+</sup> -Dependent High Affinity Bicarbonate Transporter SbtA in Nicotiana Chloroplasts
5	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
6	SM Abdul Shakoor	Chemistry	Rajeev Sakhuja	C-H Functionalization of Imidazo-Heterocycles and Exploration of Imidazolium-Supported Benzotriazole Reagenet for Selective Organic Transformations



S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
7	Poonam Khedar	Chemistry	Anil Kumar	Click Chemistry Inspired Synthesis of Novel Triazolyl Conjugates and their Antimicrobial Activity
8	Pankaj Nehra	Chemistry	Bharti Khungar/SC Sivasubramanian	Synthesis Characterization and Applications of Ionic Liquid-tagged Schiff Base Complexes of Pd, Cu and Zn
9	Pragati Fageria	Chemistry	Surojit Pande	Synthesis of Metal, Semiconducting Metal Oxide and Sulfide Nanomaterials for Catalysis and Photocatalysis
10	Sheik Saleem Pasha	Chemistry	IR Laskar	Design, Syntheses and Study of Photo Physical Properties of `Aggregation Induced Emission active Compounds: Applications in Bio-imaging and Mehanoluminescence
11	Anuradha Devi	Civil	Anupam Singhal/Rajiv Gupta/ SK Verma	Treatment of Spent Pickling Liquor and Applications of Pickling Sludge
12	Himanshu Chawla	Civil	Shamsher Bahadur Singh	Study of Structural Response and Failure Characteristics of Thin-Walled Flanged FRP Beams
13	Shaik Hussain	Civil	Dependu Bhunia/S.B. Singh	A Study on the Effect of Carbonation on Properties of Concrete
14	Pankaj	Civil	Dr. S.B.Singh	Development and Usage of Ductile Composite Materials for Retrofitting and Strengthening of Masonry Structures
15	R. Srinivas	Civil	AP Singh/Shibani K Jha	Multi-Criteria Decision Analysis and Modeling for Water Quality Management in a River Basin
16	Sonal Kumari	Computer science & Information Systems	Naneet Goyal/Poonam Goyal	Design and Implementation of Exact, Efficient, and Scalable Parallel Clustering Algorithms
17	Shruti Shastri	Economics	AK Giri/G. Mohapatra	Twin Deficits and their Sustainability: Evidences from Major South Asian Economies
18	Parimal Merchant	Economics	Debasis Mallik/Arya Kumar	Induction in Family Businesses: A Study of Alternative Approaches
19	Priya Gupta	Electrical & Electronics	Anu Gupta/Abhijit Rameshwar Asati	Design Exploration of low power arithmetic and SRAM circuits using subthreshold design techniques
20	Kavindra Kandpal	Electrical & Electronics	Navneet Gupta	Investigations on Electronic Behavior and Stability Issues of Zinc Oxide (ZnO) based Thin-Film Transistors (TFTs)

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
21	Chasul	Humanities & Social Sciences	VS Nirban	Internet Based Technology Acceptance among Students of Communication Skills Courses in Technical Higher Education
22	Mohit Sharma	Humanities & Social Sciences	Umesh Dhyani/Kumar Neeraj Sachdev	Understanding Managerial Perception of Corporate Social Responsibility Practices in Public Sector Undertaking: An Empirical Study
23	Swarupa Deb	Humanities & Social Sciences	HG Nair	Contesting the Gender Binary: A Study on the Changing Status of Transgender Communities in Tamil Nadu, Karnataka, West Bengal and Tripura between circa 1990 and 2016
24	Meenakshi Sharma	Management	Leela Rani	Understanding the Impact of Social Learning Forms on Environmentally Sustainable Consumption Behavior among Children
25	Manish Dave	Management	Arya Kumar/Kanhaiya Singh	Knowledge Management Relationship with Competitiveness: An Empirical Study of Indian Cement Industry
26	Nikita Sharda	Management	Anil K. Bhat	Antecedents of Luxury Consumption in India: An Empirical Investigation
27	Rajesh Kumar	Mechanical	Ravi Inder Singh	An Investigation of Lab Scale Oxygen Enriched Bubbling Fluidized Bed Combustor for Cofiring Conditions
28	Sanjeev Jakhar	Mechanical	Manoj Kumar Soni	Design, Analysis and Development of Photovoltaic and Concentrating Photovoltaic Cooling Systems with Earth Water/Air Heat Exchanger
29	Vikrant Bhakar	Mechanical	KS Sangwan/AK Digalwar	Development of a Sustainability Assessment Framework for Manufacturing Industry
30	Rohit Upadhyay	Mechanical	Sharad Shrivastava	Behavior and Characterization of High Velocity Oxy Fuel (HVOF) Thermal Spray Wear and Corrosion Resistance Coatings in Narrow Areas
31	Nilesh Purohit	Mechanical	MS Dasgupta/Dileep Kumar Gupta	CO2 Refrigeration System in Warm Climate: Experimental Investigation, Parameter Optimization and Supermarket Application
32	Kurhe Yeshwant Vijay	Pharmacy	R. Mahesh	Behavioral and Neuro-pharmacological Screening of Potential Serotonergic Modulators for Depression Co-morbid with Obesity
33	Goru Santosh Kumar	Pharmacy	Gaikwad Anil Bhanudas	Role of Histone Ubiquitination and Angiotensin Converting Enzyme 2 in the Development of Renal Fibrosis under Type I Diabetic Condition

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
34	Sorabh Sharma	Pharmacy	Rajeev Taliyan	Exploring the Link between insulin Resistance and Neurodegenerative Disorders and its possible mechanism(s)
35	Anuradha	Pharmacy	Gaikwad Anil Bhanudas	Role of Epigenetics in Modulating Inflammatory Response Mediated by NF-kB through AT1 or AT2 receptors in the Development of Renal Failure under Type 2 Diabetic Condition
36	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
37	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
38	Pankaj Wadhwa	Pharmacy	HR Jadhav	Design, Synthesis and Evaluation of Novel HIV-1 Integrase Inhibitors
39	Jaya Abraham	Pharmacy	RN Saha	Design and Evaluation of Novel Delivery Systems of Tapentadol for Enhanced Brain Delivery
40	Satish Sangappa Reddi	Pharmacy	RN Saha	Studies on Development and Evaluation of Carbopol Based Pellets of Selected Drugs Using Extrusion Spheronization Technology
41	Archana Khosa	Pharmacy	RN Saha	Design, Characterization and Evaluation of Lipid Based Nanoparticulate Temozolomide for Enhanced Delivery to the Brain
42	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 Alq3
43	Tridev A Mishra	Physics	Tapomoy G. Sarkar/JN Bandyopadhyay	Some Studies on Modifications of Low Dimensional Systems under the Application of Periodic Driving

### Dubai Campus

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
44	PRAVEEN KUMAR REDDY	EEE	Jagdish Nayak	Some Aspects of Local Feature Description Models and Their Applications in Medical Image Registration

### K.K.Birla Goa Campus

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
45	Akriti Rastogi	Biological Sciences	Dibakar Chakrabarty/Angshuman Sarkar	Studies on Anticoagulant Potential of Moon Jellyfish ( <i>Aurelia aurita</i> ) and Barrel Jellyfish ( <i>Rhizostoma pulmo</i> Tentacle Extracts)
46	Jigni Pathan	Biological Sciences	Dibakar Chakrabarty/Angshuman Sarkar	Studies on the effects of Rusell's viper venom on human alveolar cancer cells and the involvement of small GTPases
47	Ajay Ghosh Chalasani	Biological Sciences	Utpal Roy/Angshuman Sarkar	Biochemical and Functioal Characterization of a Narrow-Spectrum Antibacterial Peptide from the Wild-type <i>Bacillus sp.</i>
48	Bandekar Divya Ramesh	Biological Sciences	Sumit Biswas	Structural and Functional Studies on VC0395_0300 Protein from <i>Vibrio cholerae</i>
49	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
50	Mohammed Monsoor Shaik	Biological Sciences	Meenal Kowshik/Samit Chattopadhyay	Studies on Fabrication of Bilayer Scaffolds Incorporating Antibacterial and Antioxidant Agents for Wound Healing Applications
51	Ansie Martin G.	Biological Sciences	Angshuman Sarkar	Study on the mechanism of metal nano-oxide induced stress on 'Type 2 Pneumocytes' cultured in vitro
52	Barun Kumar Ghosh	Chemistry	NN Ghosh	Synthesis of Magnetically Separable Metal Nanoparticle Loaded Mesoporous Catalysts and Study of Their Versatile Catalytic Activities
53	Chetana Anand Deoghare	Chemistry	Rashmi Chauhan/RN Behera	Vibro-Acoustic Health Monitoring of Bearings using Signal Processing Techniques
54	Atul Sharma	Chemistry	Sunil Bhand/Jean Louis Marty	Development of Novel Aptasensing Techniques for Detection of Mycotoxins and Antibiotic Residues in Food and Beverages
55	Pragnya Paramita Mishra	Chemistry	Rabi Narayan Panda	Development of Novel Synthetic Methodologies, Characterization and Studies on Magnetic and Surface Properties of Some Binary and Ternary Transition Metal Nitrides
56	Debabrata Moitra	Chemistry	Prof. N.N.Ghosh	Development of Novel Synthetic Methodologies for the Preparation of Multifunctional Ferrite-Reduced Graphene Oxide Nanocomposites and Study of Their Microwave Absorption and Catalytic Properties

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
57	Gawas Mahadev Anant	Computer Sci. & Information Systems	Lucy J. Gudino/K.R. Anupama	Cross Layer Design Approaches for the Enhancement of QoS in MANETs
58	Gawali Shubhangi K.	Computer Sci. & Information Systems	KR Biju/B. Deshpande	Design of Energy Efficient Schedulers for Mlticore Hard Real Time Systems
59	Ashu Sharma	Computer Sci. & Information Systems	Sanjay K. Sahay	Group-wise Classification Approach to Improve Malware Detection Accuracy
60	Govada Aruna	Computer Sci. & Information Systems	S.K. Sahay/BM Deshpande	Study in Data Reduction and Multi-Class Classification for Distrubuted Data
61	SRK Prasad Talasila	Computer Sci. & Information Systems	Neena Goves/Lucy J. Gudino	Cell Model of Multidimensionsl Networks
62	Patil Geeta Nayakappa	Computer Sci. & Information Systems	Biju K.R./K.R. Anupama	Design of Energy Efficient Subsystem for Uniprosesor and Multicore Systems
63	Preeti E. Ramanathan	Economics	Aswini Kumar Mishra	Financial Strategies of Social Enterprises: A Case Based Analysis
64	S Sankhar Reddy Ch.	Electrical and Electronics Engineering	KR Anupama/Anita Agarwal	Modular Self-Reconfigurable Robot for Implementtion of Biominetic Structures
65	Meetha V. Shenoy	Electrical and Electronics Engineering	KR Anupama/N Manjarekar	Design and Development of Time Synchronization, Localization and Task Allocation Schemes for Swarm and Multi-Robot Systems
66	Rajalekshmi Kishore	Electrical and Electronics Engineering	Ramesha C.K./Anita Agarwal	Performance Analysis of Energy Efficient Spectrum Sensing Techniques in Cognitive Radio networks
67	Nalband Saif Dilavar Shehnaz	Electrical and Electronics Engineering	A. Amalin Prince/Mathew James Manimala	Analysis and Classification of Vibroarthographic Signal Using Nonstationary Signal Processing Techniques
68	Bijil Prakash	Mathematics	Amit Setia	Application of Haar Wavelets Based Numerical Methods to Mathematical Models in Fractional Calculus

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
69	Vaishali Sharma	Mathematics	Amit Setia	Numerical Solutions for Cauchy and Hypersingular Integral Equations by Using Legendre Polynomials
70	Selvaganapathy J	Physics	PK Das/P Konar	Phenomenological Aspects of Nanocommutative Standard Model
71	Dhavalra Suri	Physics	R.S. Patel	A Study of Electronic and Thermal Transport Properties of Transition Metal Dichalcogenides for Device Applications
72	Bijeesh MM	Physics	P. Nandkumar	Linear and Nonlinear Optical Characterization of BaTiO <sub>3</sub> Nanoparticles and Their Applications in Two-Photon Photothermal Microscopy

### Hyderabad Campus

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
73	Bitragunta Siva Prasad	Biological Sciences	P. Sankar Ganesh	Toxicity Evaluation of TiO <sub>2</sub> Nanoparticles in Earthwork ( <i>Eisenia fetida</i> )
74	Rupak Kumar	Biological Sciences	Suman Kapur	Biological Approaches for Treating Industrial Effluents Containing 'Morpholine'
75	Srikrupa NN	Biological Sciences	N. Soumitra/Suman Kapur	Leber Congenital Amaurosis: Clinical Profiling and Genetic Analysis Using High Throughput Resequencing in an Indian Cohort
76	Venkata Harini Kema	Biological Sciences	Palash Mandal/Suman Kapur	Studying the Role of Diallyl Sulfide in Ameliorating Ethanol Induced Adipose Tissue Injury
77	Bolisetty Sreenivasulu	Chemical Engineering	Inkollu Sreedhar	Kinetics and Engineering of Carbon Capture by Chemical Looping Process
78	Appala Naidu U.	Chemical Engineering	Srikanta Dinda	Polymerization and Kinetic Studies of Ketonic Resin Synthesized by Environment - Friendly Method
79	Amaraju Suresh	Chemistry	KVG Chandra Sekhar	Design and Synthesis of 1,2,3/1,2,4-Triazole based Novel Heterocyclic Compounds as Anti-Anti-tubercular Agents
80	Saisudhakar Mukka	Chemistry	K. Sumithra	Electronic and Structural Properties of Substituted Oligo- and Polythiophenes
81	T. Dayagiri	Chemistry	Anupam Bhattacharya	Synthetic Studies on Fused Pyridine/Dihydropyridine Based Heterocyclic Systems

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
82	Ranga Santosh	Chemistry	Subhash Ghosal	Quantum Reactive Scattering Dynamics of D + H <sub>2</sub> reaction: From Ultracold to Thermal Regime
83	Sri Kalyana Rama J	Civil Engineering	MVN Sivakumar/A. Vasan	Proportioning of Self Compacting Concrete Based on Plastic Viscosity Approach Experimental and Numerical Investigations
84	Muthukumar K.	Computer Sci. & Information Systems	NL Bhanu Murthy/Aruna Malapati	Prediction and Probability Distribution of Defects in Software Systems
85	BKSP Kumar Raju Alluri	Computer Sci. & Information Systems	G. Geethakumari	Incident Handling in IaaS Cloud Environment using Digital Forensic Practices
86	Rakhee	Electrical and Electronics Engineering	MB Srinivas	Ant-Colony based Energy Efficient Routing Technique for Wireless Body Area Networks
87	Venkata Pavan Kumar Arapirala	Electrical and Electronics Engineering	Alivelu M. Parimi/K. Uma Rao	Tie-Line Frequency Bias Control of an Interconnected PV-Wind Hybrid Power System
88	Ramchandra Nittala	Electrical and Electronics Engineering	Alivelu M. Parimi/K Uma Rao	Mitigation of Power Quality Problems Using Interline Dynamic Voltage Restorer
89	Madhuri Bayya	Electrical and Electronics Engineering	BVVSN Prabhakar Rao/N Moorthy Muthukrishnan	Battery Monitoring using Source Side Excitation with Voltage Pulse Sequence
90	Sai Phaneendra P.	Electrical and Electronics Engineering	MB Srinivas	Towards Realizing Low Quantum Cost Reversible Logic Circuits
91	Goutham Makkena	Electrical and Electronics Engineering	MB Srinivas	Time-Domain Synthesis of Continuous-Time Filters using Nonlinear Sequence Transformation
92	T Lakshmi Gayatri M	Electrical and Electronics Engineering	Alivelu M. Parimi	Power Quality Enhancement in Microgrids Using Custom Power Devices
93	Chetan Kumar V	Electrical and Electronics Engineering	Dr. M.B. Srinivas	Design and Synthesis of Carbon Nanotube Field Effect Transistor (CNFET)-based Ternary Logic Circuits

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
94	Narsimhulu Dunna	Mathematics	Addepalli Ramu/Dipak Kumar Satpathi	Self-Similar Slutions to Compressible Flow Problems
95	Rakesh Kumar G	Mechanical Engineering	Suresh Kumar Reddy Narala	Machinability Studies of Ti-6Al-4V Alloy Using Novel Minimal Solid Lubricant Mixture Application Method
96	Sravan Kumar J	Mechanical Engineering	SK Reddy Narala	Atomized Liquid Nitrogen Spray Assisted Machining of Al-TiCp Metal Matrix Compositied with Different Tool Geometry
97	Barla Madhavi	Mechanical Engineering	Jeevan Jaidi	Experiental and Numerical Studies of Fricton Stir Welded Joints of Aluminium-Alloy (AA5052-H32) Plates
98	VVN Satya Suresh	Mechanical Engineering	Srinivasa Prakash Regalla/Amit Kumar Gupta	Minimization of Weld Line Movement and Improvement of Accuracy in Heat Assisted Forming of Tailor Welded Blanks
99	Muddineti Omkara Swami	Pharmacy	Swati Biswas	Lipid-based Polymeric Micelles as Nanocarriers to Delivery Curcumin for the Treatment of Cancer
100	Matharasala Gangadhar	Pharmacy	P. Yogeeswari	Molecular Pharmacological Investigations on New Chemical Entities Useful in the Treatment of neuropathic Pain
101	Anup Jose	Pharmacy	Venkata Vamsi Krishna Venuganti	Transcutaneous Co-Delivery of Therapeutic Agents using Liposomes to Treat Cancer
102	Prasanthi Malapati	Pharmacy	D. Sriram	Design and Synthesis of Novel Mycobacterium tuberculosis Pantothenate Kinase and Glutamate Racemase Inhibitors
103	Pushkar Kulkarni	Pharmacy	P. Yogeeswari/Uday Saxena	Zebrafish Models for Neuroscience Drug Discovery
104	Mary Priyanka Udumula	Pharmacy	Arti Dhar	Role of Double Stranded Rna Dependent Protein Kinase R in Diabetes: Mechanism and Prevention by Novel Pkr Inhibitors
105	Preeti Kumari	Pharmacy	Swati Biswas	Polymetic Micelles for the Delivery of Poorly Soluble Anti-Cancer Agents
106	NVSS Seshagiri Rao	Physics	V. Satyanarayana Murthy	Magnetization Reversal Study in CoFe Magnetic Nanostructures

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

### Pilani Campus



S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
1	Tania Pal Choudhary	Biological Sciences	PN Jha/Sanjeev Kumar	The Identification and Characterization of Mosquito Peroxidase(s) and their role in orchestration of Mosquito Immunity
2	Subhra Dash	Biological Sciences	Rajdeep Chowdhary/Sudeshna Mukherjee	Analyzing the Role of TNF- $\alpha$ and Autophagy in Regulation of TGF- $\beta$ Induced Epithelial to Mesenchymal Transition in Cancer Cells
3	Parva Kumar Sharma	Biological Sciences	Shibasish Chowdhury	In-Silico Functional Annotation of Unannotated Protein-coding Gene of <i>Arthrospira platensis</i> NIES-39 Genome and Investigation of Proteins Involved in Nitrogen Assimilation Pathway
4	Rajeev Sharma	Chem. Engg	Pratik N. Sheth	Experimental and Theoretical Study of Biomass Pyrolysis and Product Characterization
5	Roshan Nazir	Chemistry	Surojit Pande	Synthesis of Metal and Metal Oxide Nanoparticles for Electrocatalytic Hydrogen and Oxygen Evolution Reaction
6	Hitesh Kumar Saini	Chemistry	Anil Kumar	Synthesis of Azaheterocycles via Copper/Palladium-Catalyzed Intramolecular Arylation Reactions
7	Sachin Choudhary	Chemistry	Indresh Kumar	Organocatalytic Approach towards the Synthesis of Some Nitrogen-Containing Heterocycles
8	Fayaz Baig	Chemistry	Madhushree Sarkar	Coordination Polymers of Ligands Based on Imine Functional Groups: Analysis of their Structure and Property Relationship
9	Santosh Kumari	Chemistry	Rajee Sakhua	Coumarin-appended Amino Acids and Azaheterocycles: Design, Synthesis, Photophysical Studies and Sensing Applications of Selected Compounds
10	PO Venkataramana Reddy	Chemistry	Dalip Kumar	Synthesis, and Anticancer Activity Studies of Some Novel Indole Related Heterocycles
11	Sunita Kumari	Chemistry	SK Saha/G. Sundar	Study of Solvation Dynamics in Micelles and Interactions of Gemini Surfactants with $\beta$ -Cyclodextrin and Biomolecules in Aqueous Media
12	Khima Pandey	Chemistry	Anil Kumar	Synthesis of Functionalized Imidazo[1,2- $\alpha$ ]pyridines and Amides using Pyridinium Salts
13	Manpreet Singh	Civil	Anshuman/Dipendu Bhunia	Assessment of Potential of Marble Slurry As a mineral Admixture in Concrete

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
14	Dewal Mishra	Civil	AK Sarkar	A study to estimate the Impact of Accessibility on Transit Mode Choice
15	Gaurav Kumar	Civil	Rajiv Gupta	Design and implementation of a Generic Methodology for Scenario Development with Assessment over Water Resources
16	Rupal Bhargava	Computer science & Information Systems	Yashvardhan Sharma	Learning-based Approaches for Addressing Challenges in Sentiment Analysis
17	Neetika Gupta	Computer science & Information Systems	M.K. Rohil	Robust Image Registration Methods for Varying Image Quality and Imaging Conditions in Augmented Reality Systems
18	Nitin Singh Rajput	Computer science & Information Systems	Rahul Banerjee/D. Sanghi	A Framework for Efficient Multi-Constraint QoS Routing in ANETs and Hybrid Network Systems
19	MK Kaushik	Computer science & Information Systems	Y. Yoganandam/SK Sahoo/ C. Hota	Investigations on Building Robust Cognitive Radio based Network
20	Dinesh Kumar Tyagi	Electrical & Electronics	V.K.Chaubey	Survivable Routing Mechanisms in Optical WDM Networks
21	Gaurav Purohit	Electrical & Electronics	VK Chaubey/KS Raju	An Energy Efficient Reconfigurable Digital Baseband Architectures for SDR
22	CV Jayanthi	Humanities & Social Sciences	U. Dhyani	Perspectives on Some Aspects of Ethical Awareness in Corporate India - an Empirical Study
23	Dolly Seehra	Humanities & Social Sciences	Geetha B	Tracking Narrative Patterns and Film Elements within the Selected Short Fictional Films of Mira Nair: An empirical Study
24	Priyanka Bhattacharya	Management	Sarvesh Satija/Rajan K. Gupta	Positive Organisational Practices in Indian Engineering and Technology Institutes: A Model Building Approach
25	Bhavya Tripathi	Maths	B.K. Sharma	Modeling and Analysis of Single and Two-phased MHD Blood Flow in a Stenosed Artery with Heat and Mass Transfer
26	Gajanand Gupta	Mechanical	RP Mishra	Development of a Framework and Criticality Analysis Model for the Implementation of Reliability Centered Maintenance

## Dubai Campus

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
27	ARIVARASI	EEE	Anand Kumar	Design and evaluation of microdimension 3D printing process and applications to sensors
28	DEVISREE S	EEE	Anand Kumar	Defect analysis and design of a new fault tolerant nano crossbar architecture
29	NANDA KUMAR P	EEE	R Karthikeyan	Characterization of Viking Tool Steel for Press Tools for Heavy duty Blanking & Forming Components for HV Switchgear Industry

## K.K.Birla Goa Campus

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
30	Om Prakash Chouhan	Biological Sciences	Sumit Biswas/Udo Heinemann	Physicochemical studies on the mutants of the VC0395_0300 protein of <i>Vibrio cholera</i>
31	Ankush Ashok Saddhe	Biological Sciences	Kundan Kumar	dna Barcoding of Goan Mangroves and Functional Characterization of Sodium/Proton Antiporter in <i>Rhizophora apiculata</i>
32	Deepthi Das	Biological Sciences	Judith M. Braganca	Bioprospecting of Halophilic Archaea from Indian Solar Salterns
33	Mansi Baveja	Biological Sciences	Dibakar Chakrabarty	Study on Coelomic Fluid of <i>Astropecten indicus</i> and isolation and Characterisation of a Bioactive Agent
34	Rakesh Manuka	Biological Sciences	Kundan Kumar	Functional Characterization Of Abiotic Stress Responsive With No Lysine Kinase In <i>Oryza Sativa</i>
35	Nupur Rajeev Kumar	Biological Sciences	Anasuya Ganguly	Pancreatic Tissue Engineering Using Agarose Based Nano-Composites And Human Umbilical Cord Derived Mesenchymal Stem Cells
36	Gautam Krishnan	Biological Sciences	Utpal Roy/ Santanu Datta	Functional Characterization Of Recombinant A-Crystallin Of <i>Mycobacterium Tuberculosis</i> H37rv
37	Uday Kumar Padidela	Chemistry	Raghu Nath Behera	Effective Interactions and Properties of Model Colloidal Suspensions: Integral Equation theory and Molecular Dynamics Simulation Study
38	Prabhudesai Rohit Subhash	Economics	Ch. VVSNV Prasad	A Study on Formation and Performance of SME Alliances with Special Reference to Indian Manufacturing Firms

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
39	Praveen GB	Electrical and Electronics Engineering	Anita Agarwal	Development of an Automated Intelligent Decision Support System for Multiple Brain Disorder Diagnosis from MRI Scans
40	Solano Jose SS	Humanities and Social Sciences	Rayson K. Alex/Pushkar	The Dynamics of Land Use Planning: A Case Study of Goa
41	Sushant Kishore	Humanities and Social Sciences	K.A Geetha	The Performative Politics Of Ethnocultural Nationalism In India: Thespian And Quotidian Performances Of Hindu Nationalism

### Hyderabad

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
42	Anuradha Pal	Biological Sciences	Suman Kapur/ BC Woodside	Impact of Functional Mutations of OPRM1 Gene on Immune Cell Function/s
43	Mohammed Imran Khan	Biological Sciences	Jayati Ray Dutta/ Ramakrishnan Ganesan	Probiotic Lipases: Applications to Polymer Degradation, Biofuel Synthesis and Greener Nanobiotechnology
44	P. Suresh	Chem. Engg	Inkollu Sreedhar/ Vikranth Kumar Suraani	Process and Engineering Studies on Wet Granulation
45	Sathvika T	Chemistry	N. Rajesh/ Vidya Rajesh	Immobilization of Microorganisms in Suitable Matrices for the Sequestration of Chromium from Industrial Effluents
46	Prafulla Kalapatapu	Computer Science & Information Systems	Aruna Malapati	Novel Content-based Similarity Approaches for Indian Music
47	Abhishek Kumar Thakur	Computer Science & Information Systems	Chittaranjan Hota	Optimization of Video Delivery Over Opportunistic Networks
48	Veeresh Babu Vulligaddala	Electrical and Electronics Engineering	MB Srinivas	A 7-cell, Stackable, Li-ion Battery Monitoring and Balancing System for Electric and Hybrid Vehicles
49	Ganjikunta Ganesh Kumar	Electrical and Electronics Engineering	SK Sahoo	Analysis and Design of FFT Processor Architecture for OFDM Applications
50	HariPriya T.	Electrical and	A.M. Parimi	Study of HVDC Transmission Based Grid for Green Energy Harvesting

S.No	Name	Department	Supervisor/ Co supervisor	Thesis Title
		Electronics Engineering		
51	Avinash S. Vaidya	Electrical and Electronics Engineering	MB Srinivas	Towards the Design of Efficient Beamforming Algorithms for Portable Ultrasound Imaging Systems
52	Swagatika Mohanty	Mechanical Engineering	SP Regalla/ YVD Rao	Robot Assisted Asymmetric Incremental Sheet Metal Forming for Steep Wall Angle Parts
53	T Janardhana Reddy	Mechanical Engineering	VDR Yendlur/ V Narayanamurthy	Studies on Structural Configurations for Vehicular Crash Energy Absorption
54	Rashmi Nair	Pharmacy	Raviraj Pillai/ Punna Rao Ravi	Novel and Sustainable Processes for Amorphous Solid Dispersions of Drugs to Enhance their Dissolution and Bioavailability
55	Rompicharla SV Kiran	Pharmacy	Swati Biswas	Tumor Targeted Multifunctional Poly(Amidoamine) (PAMAM) Dendrimers to Promote Delivery of Poorly Soluble Chemotherapeutic Agent Paclitaxel in Cancer
56	Santhosh Kumar S.	Pharmacy	A. Sajeli Begum	Design and Synthesis of Novel Coumarin-based Lignans as Pro-inflammatory Cytokine Inhibitors for the Treatment of Chronic Inflammatory Diseases
57	Suhubhmita Bhatnagar	Pharmacy	Venkata Vamsi Krishna Venuganti	Polymeric Microneedle Device for Transcutaneous Delivery of Antigen and Chemotherapeutics
58	Trivedi Prakruti Harshvardhanbhai	Pharmacy	Balram Ghosh	Design, Synthesis and Biological Characterization of Isoform Selective Histone Deacetylase (HDAC) Inhibitors
59	D Nagendra Prasad	Physics	Souri Banerjee	Investigation of Flow of Polarizable Particles between Microelectrodes of Different Shpes Subjected to Nonuniform Electric Fields

### 3. Research Contributions through Higher Degree Dissertations

A total of **157** 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 **889** 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 2018, a total of **249** candidates were permitted to appear in the Qualifying examination. The details are provided below:

Semester	Permitted to appear in QE	Appeared	Passed	Failed
II Sem. 2017-18	111	111	95	16
I Sem. 2018-19	138	138	114	24
<b>Total</b>	<b>249</b>	<b>249</b>	<b>209</b>	<b>40</b>

## 6. New Doctoral Research Topics / Supervisors Approved

This year, **one hundred and fifty eight (158)** 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.	Chilukamarri Laxmi Narasimha Murthy 2017PHXF0700H	The molecular biology of Plant Rhizobacterial interaction for abiotic stress tolerance	Dr. Sridev Mohapatra	Dr. Amitabh Mohanty	E. I. DuPont India Pvt. Ltd., Hyderabad
2.	Vinnakota Sarath Sankar 2016PHXF0015H	Design of Rectenna for ambient Radio-Frequency power harvesting using meta-surfaces	Dr. Runa Kumari		BITS, Pilani - Hyderabad Campus
3.	Bhanu Prasad Katla 2016PHXF0111H	Utilization of Reclaimed Asphalt Pavement Materials in Bituminous Mixtures	Dr. Sridhar Raju		BITS, Pilani - Hyderabad Campus
4.	Mohd. Mubashshir 2016PHXF0404G	Rheological behavior of greases and its influence on lubrication (tribological) performance	Dr. Asima Shaukat	-	BITS, Pilani-KK Birla Goa Campus
5.	Natekar Amrita Rudreshwar 2016PHXF0007G	Molecular interaction studies of liquid mixtures based on thermophysical properties	Dr. Ranjan Dey		BITS, Pilani-KK Birla Goa Campus
6.	Alavani Gargi Kabirdas 2016PHXF0008G	An investigation in the performance of architecture agnostic models for energy consumption of heterogeneous computing application	Prof. Santonu Sarkar		BITS, Pilani-KK Birla Goa Campus
7.	Harsha V. 2016PHXF0411G	Design of an Internet of Vehicles (IoV) Architecture for Smart Cities	Dr. Debasis Das	Prof. Vojjay Kumar	BITS, Pilani-KK Birla Goa Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
8.	Chembiyan Thambidurai 2017PHXF0028G	Low Power Wideband FM Transmitter for Angle Modulated OFDM Systems	Prof. G. Raghurama		BITS, Pilani-KK Birla Goa Campus
9.	Rajesh Ramesh 2017PHXF0025G	Crack growth direction in amorphous silica under extreme temperature conditions using Molecular Dynamics	Dr. Gaurav Singh	Dr. Subhas Ghosal	BITS, Pilani-KK Birla Goa Campus
10.	Shah Parth Mukeshbhai 2016PHXF0022G	Modified Gravity Theory and Cosmic Acceleration	Dr. Gaurang Charan Samanta		BITS, Pilani-KK Birla Goa Campus
11.	Pankaj Manubhai Vyas 2017PHXF0004U	Formulation of High Performance Fire Retardant - Intumescent Coatings based on Novel Filters Including Nano Particulate Fillers	Dr. B. Muralidharan	Dr. Rajib Ghosh Chaudhuri	BITS, Pilani - Dubai Campus
12.	Prakash H. N. Rao 2017PHXF0001U	An Examination of the Digitalization Factors Influencing Electronic Commerce (Ecommerce) Adoption in the Gulf Cooperation Council (GCC) countries for the Fashion Retail Industry	Dr. Srinivasa A Rao	Dr. Shazi Shah Jabeen	BITS, Pilani - Dubai Campus
13.	Rishabh Bajpai 2015PH3000054P	Assessment of geopolymer concrete as a sustainable construction material	Dr. Anshuman	-	BITS, Pilani - Pilani Campus
14.	Nandita Sharma 2017PHXF0019P	Characterizing the role in CRISPR-Cas system in biofilm formation and pathogenicity of salmonella enterica subsp. enterica serovar Typhimurium	Dr. Sandhya Marathe		BITS, Pilani - Pilani Campus
15.	Ankit Kumar 2016PHXF0412P	Modelling and Simulation to Study the Dynamics of Some Biological Populations	Prof. Balram Dubey		BITS, Pilani - Pilani Campus
16.	Ankita Dixit 2017PHXF0414P	Investigations and Modeling of the Electronic Behavior in Carbon Nanotube Field Effect Transistors (CNFETs)	Prof. Navneet Gupta		BITS, Pilani - Pilani Campus
17.	Teena Gakhar 2017PHXF0020P	Doping effects on TiO <sub>2</sub> nanotube array based sensors for efficient detection of organic vapors	Dr. Arnab Hazra		BITS, Pilani - Pilani Campus
18	Pidiyara Karishma 2016PHXP0404P	Transition metal catalyzed strategies for the synthesis of fused/functionalized diazaheterocycles.	Dr. Rajeev Sakhuja		BITS, Pilani - Pilani Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
19.	Rishika Aggrawal 2016PHXP0422P	Steady-state and time resolved fluorescence spectroscopic studies to probe physicochemical processes in various self assembled molecular systems	Prof. S.K. Saha		BITS, Pilani - Pilani Campus
20	Sarathlal K.C. 2017PHXF0018P	Exploring the possible effects, mechanism of diet and environmental toxin induced Alzheimer's disease and cancer and their pharmacological intervention	Dr. Rajeev Taliyan	Dr. Deepak Chitkara	BITS, Pilani - Pilani Campus
21	Sudeep Sudesh Pukale 2017PHXF0033P	Nanotechnology based Pharmaceuticals, Nutraceuticals and Cosmetics - development of Platform technology	Dr. Deepak Chitkara		BITS, Pilani - Pilani Campus
22	Samrat Mazumdar 2017PHXF0031P	Cyclic RGD modified lipopolymeric nanoparticles for targeted delivery of Tamoxifen in ER+ breast cancer	Dr. Anupama Mittal		BITS, Pilani - Pilani Campus
23.	Rapalli Vamshi Krishna 2017PHXF0004P	Development and evaluation of lipid-based nanocarriers for skin disorders	Dr. Gautam Singhvi		BITS, Pilani - Pilani Campus
24	VsIs Narayana Penta 2016PHXF0101H	Production, purification and characterization of <i>Shigella</i> polysaccharide conjugate	Dr. Jayati Ray Datta		Biological E. Ltd. Hyderabad & BITS Pilani, Hyderabad campus
25	R Venkat Ramchandrar 2015PHXF0501H	Evaluation of antimicrobial activity of extracts from wild plants and crop residue for the development of bio-pesticide	Prof. Kumar Pranav Narayan		Govt. Degree College, Gajwel, District Siddipet & BITS-Pilani, Hyderabad campus
26	Banchhanidhi Prusti 2016PHXF0402H	Studies on the synthesis & applications of heterocycle-linked extensive $\pi$ -conjugates	Prof. Manab Chakravarty		BITS-Pilani, Hyderabad campus
27	Shravani Nethi 2016PHXF0500H	Molecular dynamics study of chemical reactions on solid surfaces by polarizable bond order-based force field	Dr. Durba Roy		BITS-Pilani, Hyderabad campus
28	R Kruthi Kiran 2017PHXF0008H	Evaluation of Serviceability Characteristics of Concrete with Alkali-activated Binder using High Temperature, Bond	Dr. Arkamitra Kar		BITS-Pilani, Hyderabad campus



S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
		Behavior, and Shrinkage performance			
29	Syed Mazhar 2017PHXF0007H	Stabilization of Expansive Black Cotton Soils with Alkali Activated Binders	Dr. Anasua Guharay		BITS-Pilani, Hyderabad campus
30	Arun Mohan B 2017PHXF0016H	Design of a Multi-Band Radio Frequency (RF) Energy harvesting system for Internet of things (IoT) node.	Dr. Saroj Mondal	Dr. Surya Shankar Dan	BITS-Pilani, Hyderabad campus
31	P Veda Bhanu 2017PHXF0401H	Strategies for Fault-Tolerant Network-on-Chip Design	Dr. Soumya J		BITS-Pilani, Hyderabad campus
32	Dipankar Nath 2016PHXF0113H	Development of Microfluidic Microbial Fuel Cell (MMFC) for Energy Harvesting and Water Toxicity Monitoring.	Prof. Sanket Goel		BITS-Pilani, Hyderabad campus
33	V Venkateswara Rao 2015PH480052H	An energy efficient regenerative evaporative cooling (REC) system for all climatic conditions across India	Dr. Santanu Prasad Datta		BITS-Pilani, Hyderabad campus
34	Deepak Nabapure 2015PH480056H	Numerical Studies of Rarefied Gas Flows using Direct Simulation Monte Carlo (DSMC) method for different flow configurations	Dr. Rama Chandra Murthy Kalluri		BITS-Pilani, Hyderabad campus
35	P Sandeep 2017PHXF0023H	Study of anisotropic deformation behaviour and formability analysis of Advanced High Strength Steel at elevated temperatures	Dr. Nitin Kotkunde		BITS-Pilani, Hyderabad campus
36	Jella Gangadhar 2017PHXF0024H	Graphene dispersed polymer derived mesoporous silicon oxy-carbide ceramic as a novel anode material for lithium-ion batteries	Dr. Sujith R	Prof. Rajendra K Bordia	Clemson University, SC, USA & BITS-Pilani, Hyderabad campus
37	Kanakadandi Gopinath 2017PHXF0701H	Design and characterisation of a rupture disc system for a hot launched rocket canister	Prof. Y V D Rao	Dr. Vijayabaskar Narayananamurthy	Research Centre Imarat, Defence R&D Organisation, Hyderabad & BITS-Pilani, Hyderabad campus
38	Leela Sai Lokesh Janardhanam 2017PHXF0402H	Development of pH-Responsive Capsule Containing Targeted Multilayer Film to treat Colorectal Cancer	Dr. Vamsi Krishna Venuganti		BITS-Pilani, Hyderabad campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
39	Pravesh Sharma 2017PHXF0421H	Functional role of histone deacetylase 5 (HDAC5) in the pathogenesis of chronic kidney diseases and renal fibrosis	Dr. Onkar Prakash Kulkarni		BITS-Pilani, Hyderabad campus
40	Rahul Kumar Thakur 2016PHXF0425H	Study of hadronic interaction properties in cosmic rays showers	Dr. Rahul Nigam		BITS-Pilani, Hyderabad campus
41	Nellutla Jahangeer 2016PHXF0509H	Investigations of multiferroic properties in bismuth ferrite (BiFeO <sub>3</sub> ) based composite systems	Dr. B Harihara Venkata-raman		BITS-Pilani, Hyderabad campus
42	K Vasumathi 2016PHXF0505H	Financial Accessibility of the Micro and Small Women Entrepreneurs : A Study of Telangana State	Dr. Archana Srivastava	Dr. Sudatta Banerjee	BITS-Pilani, Hyderabad campus
43	Rajthilak R 2017PHXF0010H	Study on <i>Liquid workforce</i> in Indian IT Companies	Dr. Swati Alok		BITS-Pilani, Hyderabad campus
44	Puli Sreenivasulu 2016PHXF0506H	Essays on Machine Learning Applications for Corporate Bankruptcy Prediction	Dr. Thota Nagaraju		BITS-Pilani, Hyderabad campus
45	R Vaidehi 2017PHXF0101H	Factors Influencing Adoption and Retention of Users of Massive Open Online Course in Developing Economy Context	Dr. Sudatta Banerjee	Dr. Bheemeshwar Reddy A	BITS-Pilani, Hyderabad campus
46	Abraham Kurian Plamthottam 2017PHXF0103H	Volatility Models and their Applications in Indian Capital Market	Dr. Rishi Kumar	Dr. Hussain Yaganti	BITS-Pilani, Hyderabad campus
47	Karuna Bohini 2017PHXF0102H	Indian Millennials Consumption and Investment Behaviour: Implications on Savings and Financial Sustainability	Dr. Hussain Yaganti	Dr. Mini Thomas	BITS-Pilani, Hyderabad campus
48	Rupinderjit Kaur 2016PHXF0117H	Study of seismic waves in anisotropic layered medium containing inhomogeneity	Dr. Sumit Kumar Vishwakarma		BITS-Pilani, Hyderabad campus
49	Ashish Kumar Srivastava 2017PHXP0029P	Assessment of frictional behavior of human skin with various contacting materials	Dr. J.S. Rathore	Dr. Sharad Shrivastava	BITS, Pilani - Pilani Campus
50	Santosh Kumar Saraswat 2017PHXP0012P	Identification and analysis of sustainable energy potential locations in India using GIS and MCDM based approaches	Prof. A.K. Dugalwar	Dr. Shyam Sundar Yadav	BITS, Pilani - Pilani Campus
51	Shrija Srinivasan	The Country and the City: Space, Place and Landscape in	Dr. Sushila Shekhawat		BITS, Pilani - Pilani Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
	2016PHXF0411P	the Police Procedurals of P.D. James			
52	Divya Dosays 2016PHXF0410P	Effect of Teachers' Professionalization on Students' Achievement: An Empirical Study	Dr. Tanu Shukla		BITS, Pilani - Pilani Campus
53	Chetan Jalendra 2016PHXP0420P	Design and Development of Vibration Suppression Strategies for Industrial Robotic Manipulators used in Assembly Operations with Gripper and Object Flexibilities	Dr. B.K. Rout	Dr. Amol Marautrao Marathe	BITS, Pilani - Pilani Campus
54	Mayanglambam Dinachandra Singh 2016PHXF0418P	Conductivity-Structure Correlation in Novel Na <sup>+</sup> and Li <sup>+</sup> ion based Hybrid Polymer Nanocomposites	Prof. Anshuman Dalvi		BITS, Pilani - Pilani Campus
55	Geetika Arora 2016PHXF0406P	Efficient Indexing Techniques for Biometric Databases	Dr. Kamlesh Tiwari		BITS, Pilani - Pilani Campus
56	Abhishek Anand 2017PHXP0014P	Process development for bio-mitigation of flue gases (CO <sub>2</sub> , SO <sub>x</sub> and NO <sub>x</sub> ) using bacterial route and production of value-added products	Dr. Smita Raghuvanshi	Prof. Suresh Gupta	BITS, Pilani - Pilani Campus
57	Karmendra Kumar Agrawal 2017PHXF0105P	Evaluating potential and Implementation Strategies for Canal Top and Floating Solar Installations in Uttar Pradesh Water Management Infrastructure	Dr. Ravi Kant Mittal	Dr. Shibani Khanra Jha	BITS, Pilani - Pilani Campus
58	Raya Raghavendra Kumar 2017PHXF0040P	Analysis, Design & Management of Water Storage for a Community in a Rural Scenario	Prof. Rajiv Gupta		BITS, Pilani - Pilani Campus
59	Soumya Kar 2016PHXF0405P	Design, Development and Analysis of a Sustainable Drinking Water Scheme - Storage, Filtration and Sludge Disposal	Prof. Rajiv Gupta		BITS, Pilani - Pilani Campus
60	Nilesh Lakshman Dahibhate 2016PHXF0402G	Screening, Isolation and Identification of bioactive compounds from potential mangrove plant of Goa	Dr. Kundan Kumar		BITS, Pilani - KK Birla Goa Campus
61	Shameer Ahmed B 2017PHXF0006G	Doxorubicin' loaded pegylated gold nanoparticles synthesis and to test their efficacy for oral squamous cancer cell line	Dr. Vijayashree Nayak	Dr. Subramanian Iyer K.	BITS, Pilani - KK Birla Goa Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
		in vitro/ex vivo study			
62	Swetha Ramesh 2017PHXF0018G	<i>In vitro</i> Evaluation and Functional Characterization of Bacillus-derived Antifungal variants	Dr. Utpal Roy		BITS, Pilani - KK Birla Goa Campus
63	Vijaya 2016PHXF0403	Structural and functional characterization of staphylococcus aureus Enolase	Dr. Malabika Biswas		BITS, Pilani - KK Birla Goa Campus
64	Swapnil Vinod Punyapwar 2017PHXF401G	Development of Sustainable Greywater recycling methods	Dr. Srikanth Mutnuri		BITS, Pilani - KK Birla Goa Campus
65	Hemant Rathore 2017PHXF0419G	Design of a Hybrid System to Detect Malicious Applications of the Smart Devices	Dr. Sanjay K. Sahay		BITS, Pilani - KK Birla Goa Campus
66	Pozhil S.N. 2017PHXF0013G	Investigation of Creep and Fracture Behaviour of Rotationally Mouldable Polypropylene	Dr. Sachin Waigaonkar	Dr. Vikash Chaudhari	BITS, Pilani - KK Birla Goa Campus
67	Naveen K.S. 2017PHXF0004G	Experimental and computational study on the transient behavior of vortex structure behind a bluff body with a drag reduction device	Dr. Shibu Clement		BITS, Pilani - KK Birla Goa Campus
68	Chandrashekar Chauhan 2017PHXF0005G	An Acoustic study, characterization and Standardization of Sarswati Veena	Dr. Pravin M. Singru	Dr. Radhika Vatsan	BITS, Pilani - KK Birla Goa Campus
69	Karim Mosani 2016PHXF0415G	Gravitational collapse and Modified Gravity	Dr. Gauranga Charan Samanta		BITS, Pilani - KK Birla Goa Campus
70	V Kaarthick Raaja 2016PHXF0407G	Synthesis characterization and investigation of nano- enhanced blend membranes	Dr. Jegatha Nambi Krishnan		BITS, Pilani - KK Birla Goa Campus
71.	Kadu Kavita Haribabu 2016PHXF0406G	Synthesis of hydroxyapatite based functional biocompatible nanoparticles and investigation of its interaction with biomolecules	Prof. Sutapa Roy Ramanan		BITS, Pilani - KK Birla Goa Campus
72	Parsekar Sidhali Uday 2016PHXF0408G	Synthesis, DNA interaction, cytotoxicity and anticancer studies of some transition metal complexes	Dr. Manjuri Kumar	Prof. A.P. Koley	BITS, Pilani - KK Birla Goa Campus
73	Neha Yadav 2016PHXF0414G	Indian Postmodernity and New Literary Sub- Genres: A Critical Study of the Rise of Journalistic	Dr. Nilak Datta		BITS, Pilani - KK Birla Goa Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
		Non-fiction and the Graphic Novel			
74.	Himanshu Seth 2017PHXF0015P	Working Capital Management: An Empirical Evidence from Indian Manufacturing Sector	Dr. Saurabh Chadha	Dr. Satyendra Kumar Sharma	BITS, Pilani - Pilani Campus
75.	Nikhil AP 2015PHXF0506H	Light Weight virtualization and distributed micro service for guaranteeing quality of service in Network Functions Virtualisation (NVF)	Dr. Chittaranjan Hota	-	BITS, Pilani - Hyderabad Campus
76.	Yaddanapudi Varun 2017PHXF0425H	Studies on nanocomposites for clean energy applications	Dr. Satyapaul A. Singh	Dr. I. Sreedhar	BITS, Pilani - Hyderabad Campus
77	Ganji Jayeshkumar Pintubhai 2017PHXF0407H	Design and analysis of RF launchers for current drive systems of tokamaks	Dr. Harish V. Dixit	Dr. Promod K. Sharma	BITS, Pilani - Hyderabad Campus
78	Sabyasachi Banerjee 2017PHXF0500H	Development of Metamaterial based Terahertz Sensing Devices using the approach of surface waves and resonators spanning different design styles	Dr. Sanket Goel	Dr. Dibakar Roy Chowdury	BITS, Pilani - Hyderabad Campus & Mahindra Ecole Centrale, Hyderabad
79	Pavan Kumar Reddy B 2017PHXF0405H	Fabrication and characterization of metal oxide and nanocomposite based resistive switching devices	Dr. Souvik Kundu	Prof. Souri Banerjee	BITS, Pilani - Hyderabad Campus
80	Keerti Mallela 2017PHXF0011H	Remittances over the Business Cycle: An Empirical Investigation	Dr. Archana Srivastava	Dr. Sunny Kumar Singh	BITS, Pilani - Hyderabad Campus
81	Sanjay Mansabdar 2016PHXF0504H	The Effects of Sellers Embedded Delivery Options on the Hedging Efficiency of Agricultural Commodity Futures in India	Dr. China Hussain Yaganti		BITS, Pilani - Hyderabad Campus
82	Kopal Khare 2016PHXF0019H	Political Economy of Rural Sanitation in India	Dr. Suny Jose G.		BITS, Pilani - Hyderabad Campus
83	Selvakumar V. 2017PHXF0106H	Statistical Modeling for Insurance Data	Dr. PTV Praveen Kumar		BITS, Pilani - Hyderabad Campus
84	Gopisetty Shrisha 2016PHXF0116H	Qualitative study of influence of transmission and intra-connection propagation delays on a Cooperative and Supportive Neural Network	Dr. K. Venkata Ratnam		BITS, Pilani - Hyderabad Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
85	Sunkara Prudhvi Raj 2017PHXF0445H	Alternative processes for energy efficiency in non-centrifugal sugar production	Dr. Morapakala Srinivas		BITS, Pilani - Hyderabad Campus
86	Manogna RL 2017PHXF0001G	Financialisation and Price transmission in Indian Agricultural Commodity Markets	Prof. Aswini Kumar Mishra		BITS, Pilani - KK Birla Goa Campus
87	Ishita 2017PHXF0019G	Nano-Structured Composite Materials for High-performance supercapacitors	Dr. Richa Singhal		BITS, Pilani - KK Birla Goa Campus
88	Abhijeet Dilip Patil 2016PHXF0410G	Thumba Methyl Ester (TME) production from Citrullus Colocytis in presence of heterogeneous catalyst under Hydrodynamic Cavitation	Prof. S. S. Baral		BITS, Pilani - KK Birla Goa Campus
89	Zakane Reshma Nanasahab 2016PHXF0401G	Biological synthesis of micronutrient nanoparticles for growth promotion and improved nutrition in plants	Prof. Meenal Kowshik		BITS, Pilani - KK Birla Goa Campus
90	Ravikiran K 2017PHXF0406G	Demonstration of a waste to energy project by anaerobic co-digestion of food waste and septage	Prof. Srikanth Mutnuri		BITS, Pilani - KK Birla Goa Campus
91	M. Deepak Kumar 2016PHXF0418G	Studies on nanostructured metal oxides as multifunctional materials	Prof. Teny Theresa John	Dr. Roby Joseph	BITS, Pilani - KK Birla Goa Campus
92	Nithin Bharadwaj Kummamuru 2017PHXF0419H	Thermo-chemical studies of CO <sub>2</sub> adsorption and energy optimization using molecular simulations and experimental validations	Dr. Angan Sengupta	Dr. Srikanta Dinda	BITS Pilani - Hyderabad Campus
93	Shailendra Pawanr 2017PHXP0402P	Investigation of energy consumption for selected machine tools	Dr. Girish Kant Garg	Prof. Srikanta Routroy	BITS, Pilani - Pilani Campus
94	Satish Kumar Rai 2016PHXF0503P	Energy Management System for Microgrid in Stochastic Environment	Dr. H.D. Mathur		BITS, Pilani - Pilani Campus
95	Prateek Sikka 2017PHXF0501P	Methodologies for Area, Speed and Power Optimizations in High-Level Synthesis for Generic Applications	Dr. Abhijit R. Asati	Prof. Chandra Shekhar	BITS, Pilani - Pilani Campus
96	Poonam Poonia 2017PHXF0016P	Person Authentication based on Palm-print Recognition	Dr. Pawan K. Ajmera		BITS, Pilani - Pilani Campus
97	Ziyaur Rahman 2017PHXFF0416P	Design and Analysis of Multiple Input Multiple Output (MIMO)	Prof. V.K. Chaubey	Dr. S.M. Zafaruddin	BITS, Pilani - Pilani Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
		Optical Wireless Communication Systems			
98	Tejasvi Alladi 2017PHXF0433P	Design and development of resource management and hardware and software-based security provisioning techniques for the Internet of Things (IoT)	Dr. Vinay Chamola		BITS, Pilani - Pilani Campus
99	Shivaraja S.J. 2017PHXF0007P	Effect of Shape Anisotropy of Dopants on Switching Behavior of Liquid Crystals	Prof. Manjuladevi V.		BITS, Pilani - Pilani Campus
100	ANAND N 2016PH290006H	Bioprocessing of leachate emanated from municipal solid waste landfill and concomitant recovery of value added products	Dr. P Sankar Ganesh		BITS Pilani, Hyderabad campus
101	DESAI FAIRY EMMANUEL 2016PHXF0102H	A Study of Gene-polymorphisms of Angiotensin Converting Enzyme and Endothelial Nitric Oxide Synthase in Patients with Erectile Dysfunction in Population of South India	Dr. Naga Mohan K	Dr. Naveen Chandra Acharya	KIMS Hospital, Archana Hospital, GeneTech & BITS Pilani, Hyderabad campus
102	SD ANWARHUSSAINI 2017PHXF0004H	Synthesis and study of optical, semiconducting and biological activity of unique substituted tetracyanoquinodimethanes.	Dr. Jayanthi Subbalakshmi		BITS Pilani, Hyderabad campus
103	SOUMITRA PAYRA 2017PHXF0006H	Valorization of CO <sub>2</sub> to useful chemicals and biofuels	Dr. Sounak Roy		BITS Pilani, Hyderabad campus
104	DINABANDHU PATRA 2017PHXF0005H	Synthesis, Characterization and Catalytic applications of supported nanoparticles prepared using solid state approach.	Dr. Balaji Gopalan		BITS Pilani, Hyderabad campus
105	UPPARI RAMAKRISHNA 2017PHXF0409H	Improving the Seismic Performance of Dynamically Similar Buildings using Damper Connected Control Technique	Dr. Mohan S C		BITS Pilani, Hyderabad campus
106	MADDUKURI NAVEEN NAIDU 2017PHXF0009H	Multi-objective Optimization of Water Distribution Networks Using Metaheuristic Algorithms	Dr. A.Vasan	Dr. Murari R R Varma	BITS Pilani, Hyderabad campus
107	SOUMYA PRAKASH OTTA 2016PHXF0300H	Security as a Service: for Secured Authentication in a Hybrid Cloud Environment	Dr. Subhrakanta Panda	Dr. Chittaranjan Hota	DIMAPUR, INDIAN ARMY &

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
					BITS Pilani, Hyderabad campus
108	K SAI ANIRUDH 2017PHXF0403H	Distributed and Resilient Cognitive Framework for Edge- centric IOT Applications	Dr. Chittaranjan Hota		BITS Pilani, Hyderabad campus
109	SHRIMATHI H P 2017PHXF0017H	Evaluation of Leakage Current and Flashover Performance of Polymer Insulators with Multiple Stress-Contamination Effects Under HVAC/HVDC Source.	Dr. Mithun Mondal		BITS Pilani, Hyderabad campus
110	AMAR KUMAR VERMA 2017PHXF0423H	Wavelet based pattern recognition and motor current signature analysis of stator winding  faults in industrial machines.	Dr. Sudha Radhika		BITS Pilani, Hyderabad campus
111	SWAPNA CHALLAGUNDLA 2017PHXF0417H	Design of efficient state estimators for discrete-time systems	Dr. Shaikshavali Chitraganti		BITS Pilani, Hyderabad campus
112	HANUMANTH RAO C 2017PHXF0504H	Digital 3D Printed Electronics Technology (D3DPET) for Space electronics packaging  Applications	Dr. Sanket Goel	Dr. BKSVL Varaprasad	ISITE, U.R. Rao Satellite Centre, Dept. of Space, Govt. of India, Bengaluru & BITS Pilani, Hyderabad campus
113	RAVILSETTY REVATHI 2016PHXF0412H	Numerical Solutions to Compressible Flow Problems	Prof. Addepalli Ramu	Dr. Jonnalagadda Jagan Mohan	BITS Pilani, Hyderabad campus
114	C ANAND BADRISH 2018PHXF0030H	Study of Hot Deformation Behaviour and Formability Analysis of Inconel 625 Alloy	Dr. Nitin R. Kotkunde		BITS Pilani, Hyderabad campus
115	GOPSETTI VENKATA NAGA TRIVEDI 2017PHXF0406H	Cryogenically Conditioned Micro and Nanoencapsulated PCM Slurries - Based Thermal Energy Storage System for Cooling Applications	Dr. R. Parameshwara n		BITS Pilani, Hyderabad campus
116	LANKA TATA RAO 2017PHXF0020H	Numerical and experimental investigation on microfluidic fuel cell (MFFC)	Dr. Arshad Javed	Dr. Satish Kumar Dubey	BITS Pilani, Hyderabad campus



S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
117	G LAKSHMI SRINIVAS 2017PHXF0411H	Enhancement of energy saving and investigation on performance of industrial manipulator using topology optimization method	Dr. Arshad Javed		BITS Pilani, Hyderabad campus
118	R NARESH 2017PHXF0021H	Bio-based phase change material embedded energy efficient roof sealing composite for passive cooling application in buildings	Dr. R. Parameshwaran	Prof. V. Vinayaka Ram	BITS Pilani, Hyderabad campus
119	BANDI SONY PRIYANKA 2017PHXF0446H	Development of a capsule containing targeted multilayer film for oral multi-drug delivery for localized gastric cancer treatment	Dr. V. V. Vamsi Krishna		BITS Pilani, Hyderabad campus
120	DEEPANJAN DATTA 2017PHXF0408H	Non-invasive delivery of peptide therapeutics through skin for dermal and systemic applications	Dr. V. V. Vamsi Krishna		BITS Pilani, Hyderabad campus
121	RAGHURAMAN MANIMARAN 2018PHXF0036H	Development of surface functionalized gold nanoparticles (GNPs) as theranostic product for diagnosis and treatment of oral carcinoma	Dr. V. V. Vamsi Krishna		BITS Pilani, Hyderabad campus
122	RIDAHUNLANG NONGKHLAW 2017PHXF0431H	Nanocarrier Platform Delivery System for Therapeutic Agents to the Posterior Segment of the Eye	Dr. Nirmal J		BITS Pilani, Hyderabad campus
123	ANUSHA GUNUKULA 2017PHXF0434H	Development of mucoadhesive polymeric nanomicellar systems for ocular drug delivery	Dr. Swati Biswas		BITS Pilani, Hyderabad campus
124	SAMRUN NESSA 2017PHXF0404H	Exploration and Development of an Oral Herbal Composition for Treating Rheumatoid Arthritis	Dr. A. Sajeli Begum	Dr. Swati Alok	BITS Pilani, Hyderabad campus
125	SOBHALAXMIHARI KA KAKI 2017PHXF0107H	Investigation on the Secondary Metabolites of Plants of Western Ghats to Discover Anti-cytokine Lead Molecules.	Dr. A. Sajeli Begum	Dr. M. Sunitha Reddy	JNTU Hyderabad & BITS Pilani,

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
					Hyderabad campus
126	K HARITHA 2015PHXF0517H	Applications of Exceptional Polynomials to Physical Problems	Dr. K.V.S. Shiv Chaitanya		BITS Pilani, Hyderabad campus
127	WASEEM AHMAD WANI 2017PHXF0027H	Investigations of the Effects of Transition Metal Dopants and Photon Up-conversion Layer on the Photovoltaic Properties of Bismuth Ferrite (BiFeO <sub>3</sub> ) Based Thin Film Solar Cells	Dr. Kannan Ramaswamy	Dr. B. Harihara Venkataraman	BITS Pilani, Hyderabad campus
128	Shivani Sharma 2017PHXF0025P	Bayesian Inference in Anisotropic Cosmological Models	Prof. Suresh Kumar		BITS, Pilani - Pilani Campus
129	Deepak 2017PHXF0024P	Fuzzy Multi-Criteria Techniques and Their Applications	Dr Shivi Agarwal		BITS, Pilani - Pilani Campus
130	Madhuri Kohli 2017PHXF0006P	Virtual Element Method for Partial Differential Equations	Dr. Sangita Yadav		BITS, Pilani - Pilani Campus
131	Pinki 2017PHXF0003P	A Graph Theoretic and An Algorithmic Approach to Floor – Planning	Dr. Krishnendra Shekhawat		BITS, Pilani - Pilani Campus
132	Yogendra Sharma 2016PHXF0413P	Seismic Hazard Assessment in the Northwest Himalaya Using Geodetic and Stochastic Modeling	Dr. Sumanta Pasari		BITS, Pilani - Pilani Campus
133	Pingale Ajay Dadabhau 2017PHXP0408P	Investigation on properties of metal matrix composites reinforced with nanoparticles	Dr. S.U. Belgamwar	Dr. Jitendra S. Rathore	BITS, Pilani - Pilani Campus
134	Monika Sandhu 2016PHXF0401P	Molecular and Functional Characterization of Polychlorinated Biphenyl (PCB) Degrading Bacteria in Relation to Bioremediation	Prof. P.N. Jha		BITS, Pilani - Pilani Campus
135	Sanket Rawat 2018PHXP0011P	Dynamic Behavior of Tire-Chip Reinforced Sand and its Influence on the Dynamic Response of the Structure	Ravi Kant Mittal		BITS, Pilani - Pilani Campus
136	Abhishesh Mishra 2017PHXP0423P	Reliability, availability, maintainability, and safety (RAMS) modelling considering multiple failure modes under different repair approaches	Prof. Rajesh P. Mishra	Dr. Amol M. Marathe	BITS, Pilani - Pilani Campus
137	S. Anil Kumar	Hydrogen Production from Ethanol by Low Temperature Steam Reforming Using	Dr. Bansri Roy	Dr. Srinivas Appari	BITS, Pilani - Pilani Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
	2017PHXF0406P	Modified Ni-Sn/Al <sub>2</sub> O <sub>3</sub> and Ni-Sn/CeO <sub>2</sub> Catalysts			
138	Ramakishna Chava 2017PHXF0424P	Development of Stable Novel Catalyst for Reforming of Model Biogas	Dr. Srinivas Appari	Dr. Banasri Roy	BITS, Pilani - Pilani Campus
139	Arshveer Kaur 2017PHXF0432P	Design and Implementation of Nature Inspired Computational Intelligence based Crop Recommendation System	Dr. Lavika Goel		BITS, Pilani - Pilani Campus
140	Akhilesh Kumar Mishra 2017PHXF0426P	Studies on intelligent controllers for dynamical plants with nonlinear actuators	Dr. Puneet Mishra		BITS, Pilani - Pilani Campus
141	Namita Ruparel 2017PHXP0005P	(Re)Thinking Positive Workplace/s: A Multisectoral Cross-Sectional Investigation	Dr. Rajneesh Choubisa		BITS, Pilani - Pilani Campus
142	Anuradha Singh 2016PHXF0408P	An Empirical Investigation of Socio-economic Inequality and Intergenerational Mobility in India	Dr. Krishna Muniyoor		BITS, Pilani - Pilani Campus
143	Dhritabrata Pal 2017PHXP0013P	Probing the nature of intermolecular X-H...Se (X = O and N) hydrogen bonding interactions using Matrix Isolation Infrared spectroscopy	Dr. Shamik Chakraborty		BITS, Pilani - Pilani Campus
144	Aayushi Malhotra 2017PHXP0024P	Pastoral Socio-ecological Systems in Transition: An Ethnographic Study of Gaddis of Himachal Pradesh	Dr. Sailaja Nandigama	Dr. Kumar Sankar Bhattacharya	BITS, Pilani - Pilani Campus
145	Nayan Jyoti Nath 2017PHXP0401P	Medical crisis in print media: An exploratory study of ethical codes of media and medicine	Dr. Sangeeta Sharma	Dr. Tanu Shukla	BITS, Pilani - Pilani Campus
146	Somya Agarwal 2015PH440040P	Study of Pedestrian Crossing Behaviour at Uncontrolled Mid-Block Section	Dr. Durgesh Vikram		BITS, Pilani - Pilani Campus
147	Siona Carmel Menezes 2017PHXF0003U	Design of efficient on-chip aging detection and/or aging aware circuit for device reliability issues	Dr. Nilesh Goel		BITS, Pilani - Dubai Campus
148	Priteegandha Naik 2017PHXF0007G	Cognitive Estrangement in Post-Millennial Indian Science Fiction	Dr. Nilak Datta	-----	BITS-Pilani, K.K.Birla Goa Campus
149	Vivek Sadashiv Kore 2016PHXF0409G	Evaluation of Hybrid Treatment Process for Treating Textile Dye Wastewater	Prof. S.D. Manjare	-----	BITS-Pilani, K.K.Birla Goa Campus

S.No	Name & ID	Topic	Supervisor	Co-Supervisor	Locale of work
150	Trupil Gordhanbhai Limnasiya 2017PHXF0417G	Secure Communication Protocol for Smart Transportation based on Vehicular Cloud	Dr. Debasis Das	-----	BITS-Pilani, K.K.Birla Goa Campus
151	Devika Ajay Verma 2016PHXF0010G	Syntactio-Semantic Relationships with reference to Karaka Theory and Paninian Grammar and Their Influence on Question-Answer Systems Design in Indo-Aryan Languages	Dr. Ramprasad Joshi	-----	BITS-Pilani, K.K.Birla Goa Campus
152	Jai Tushar 2017PHXF0020G	Numerical Approximation of Optimal Control Problems Using Virtual Element Methods	Dr. Anil Kumar	-----	BITS-Pilani, K.K.Birla Goa Campus
153	Pulipilelil Sheetal Thomas 2017PHXF0420G	An exploratory study of financial behavior using handwriting analysis: A case study of Gujarat	Prof. Mridula Goel	-----	BITS-Pilani, K.K.Birla Goa Campus
154	King David Kweku Botchway 2017PHXF0010G	FDI, Financial Market Development and Economic Growth: A Comparative Study of Economic Community of West African States (ECOWAS)	Dr. Rajorshi Sen Gupta	-----	BITS-Pilani, K.K.Birla Goa Campus
155	Viraj G. Naik 2017PHXF0011G	Design, synthesis and characterization of new Aggregation based molecular sensors for fluorimetric detection of toxic analytes and wash-free imaging of biological species.	Dr. Amrita Chatterjee	Dr. Mainak Banerjee	BITS-Pilani, K.K.Birla Goa Campus
156	Sharanabasava D. Hiremath 2017PHXF0024G	Carbon Nanomaterial-based Fluorimetric Detection and Scavenging of Toxic Analytes Including Heavy Metals and Small Molecules.	Dr. Amrita Chatterjee	-----	BITS-Pilani, K.K.Birla Goa Campus
157	Oruganti Ysaswini 2017PHXF0009G	Computational studies on the excited state decay mechanisms of some weakly fluorescent and non-fluorescent organic molecules.	Dr. Anjan Chattopadhyay	-----	BITS-Pilani, K.K.Birla Goa Campus
158	Reshmi Reghunath 2017PHXF0902U	Investigation of 2D materials for gas and biosensing using DFT/MD simulations	Dr. K. K. Singh	Dr. N. R. Aluru	BITS Pilani Dubai campus

## Brief description of some of the projects sanctioned in 2018-19

### Pilani Campus

#### Synthesis of metal complexes using D-glucose derived ligands and application of produced molecules in catalysis

1. Thrust Area of the project: Inorganic Chemistry and Catalysis; Project entitled “**Synthesis of metal complexes using D-glucose derived ligands and application of produced molecules in catalysis**”

2. Keywords: Glycoconjugates, Metal complex, Catalysis, Chiral synthesis

3. **Abstract:** Commercially available D-glucose will be protected at C4 and C6 positions and imine functionality will be introduced at C1 position to complete the ligand synthesis. The synthesized ligands will be treated with suitable metal salts of Cu(II), Ni(II), Zn(II), Mo(VI) and V(V) to obtain the metal complexes of glucose derivatives. The synthesized metal complexes will be used as catalyst for organic reactions like C-C/C-N bond formation, oxidation and multicomponent reactions.

#### Enhancement of oral bioavailability of selected drugs

##### Thrust Area of the project:

**Area:** Formulation development to improve oral absorption of poorly bioavailable drugs.

**Keywords :** Bioavailability, absorption, formulation development

**Abstract:** There are many drug molecules that does not get absorbed through GI tract very efficiently and due to that they exhibit very low bioavailability. Many of these drugs are given only through parenteral route to improve bioavailability. It would be highly beneficial if using nano-formulation approach the oral bioavailability of such drugs can be improved.

#### Development of Fault diagnosis scheme for Aero-bearing with multiple localized defects using non-linear mathematical modeling and experimental analysis

**Thrust Area:** Machinery Fault diagnosis,

**Keywords:** Condition monitoring, Rotor-Bearing system, Fault diagnosis, fault prognosis.

**Abstract:** Dynamic non-linear mathematical modeling of an Aero bearing with six-degrees of freedom will be developed. Then a numerical model will be developed by introducing faults on components of bearing element. Then a scheme for the fault diagnosis will be developed using numerical model and experimental analysis. Then, there will be development of fault diagnosis and prognosis scheme for rotor-bearing with multiple localized defect using different techniques like: Signal processing, machine learning, statistical methods etc.

#### Assessment of sulfur centered halogen bonding (C-X...S, X = Cl, Br, I) interaction using Matrix Isolation Infrared spectroscopy.

**Area:** Physical chemistry, Molecular spectroscopy

**Keywords:** Halogen bonding, Matrix isolation infrared spectroscopy, Halogenated volatile organic compound, bivalent sulfur compound

**Abstract:** Weak noncovalent halogen bonding interaction between atmospherically relevant volatile halogenated organic compounds (VHOC) and volatile divalent sulfur compounds (VDSC) (C-X...S, X = Cl, Br, I), will be studied using matrix-isolation infrared spectroscopy. Matrix isolation technique will be utilized to achieve a temperature of about 10 K using closed cycle cryostat. The complexes of VHOC and VDSC will be formed in argon or nitrogen matrix at extremely low temperature and will be characterized by infrared spectroscopy. Our target is using matrix isolation infrared spectroscopy in combination with high level quantum chemical calculations to study the halogen bonded complexes between the VHOC and VDSC to benefit the establishment of atmospheric models.

#### Influence of English Teacher's Efficacy, competence and Motivation on their Instructional Strategy: A Study of Secondary Schools Teachers in Jhunjhunu, Rajasthan

**Thrust area of the project:** English language teaching

**Key words:** Efficacy, Competence, Motivation, Instructional Strategy, language teaching, language learning

**Abstract:** The project aims at finding out the relationship among the three variables namely teachers' efficacy, competence and motivation. Furthermore, it traces the impact of all these variables on the instructional strategies of the teachers. The data would be collected through questionnaire and semi structured interviews from the teachers to find out the level of influence in their role as a teacher. The study would act as a useful tool to help teachers find out and apply what helps them attain a better teaching style to impart maximum and optimum learning to the students within the existent framework.

#### Synthesis of Metal Complexes of Mechanically Interlocked Molecules and their Applications

**Area –** Chemical Science (Synthetic Organic and Inorganic Chemistry)

**Keywords** 3/4. Molecular Machines, Gyroscope like Molecules, Alkene Metathesis, Catalysis

**Abstract :** The research in the area of MIMs has grown widely from the esoteric curiosity in last three decades due to their wide range of applications. In the present research proposal we plan to synthesize a new class of molecular machines and rotors, those will be explored for a variety of applications in selective catalysis, sensing etc.

#### Development of a Real-Time Multi-Objective Route Recommender System using AI

Thrust Area: Artificial Intelligence (CS), Keywords: Map, Recommender System, Artificial Intelligence, Machine Learning

**Abstract:** Efficiently finding an optimal route over a dynamic map between a specified set of source and destination is a challenging problem. The solution has critical applications in any vehicle navigation system. The notion of route optimality is mostly fuzzy and is not well defined. Only considering the distance between the two places may not be sufficient to get the time required to reach the destination. The system should also utilize the current average vehicle speed and the current traffic density at different segments of the roads. Additionally, minimizing the travel time may not be the only objective of the user. He may prefer a safer and comfortable route than the route which takes lesser time. Finding the optimal solution for such multiple objective shortest route problem considering the scale and dynamics of the data is complex. This project proposes to develop a machine learning based approach for efficient computation of optimal yet faster route.

#### **Experimental investigations on catalytic treatment of producer gas**

**Thrust Area of the project. (Area & Title)**

**Keywords :** Producer gas; Catalysis; Water gas shift reaction; fixed bed reactor

**Abstract :** The project presents the catalytic treatment of raw producer gas to achieve the ratio of CO:H<sub>2</sub> as 1:2. The project objectives also include the characterization of the fresh and spent catalysts of water gas shift reaction using XRD, SEM, TGA, DTG and FTIR . The experimental studies are carried out in a laboratory scale fixed bed reactor to find the optimum operating conditions in terms of reactor temperature, gas hourly space velocity and steam to carbon monoxide ratio. Using the results of the experimental studies, process design is developed and economic analysis is carried out.

#### **Development of a Dielectric Resonator based displacement sensor**

**Thrust Area of the project. (Area & Title) :** Microwave engineering and instrumentation

**Keywords:** Radiofrequency resonator, Displacement sensor, Dielectric resonator, Reflectometer

**Abstract :** The project aims at the development of a highly stable, highly sensitive and cost effective solution for displacement sensing applications in the millimeter range. It uses a dielectric resonator (DR) as the sensing element. The design will exploit the high sensitivity, excellent temperature stability and negligible Ohmic losses of the DR in proximity of a feed circuit. An instrumentation setup will convert the sensed displacement into a voltage or current for monitoring

#### **Statistical Mechanics of biopolymers in confined geometry**

**Thrust Area of the project. (Area & Title):** Biological Physics & Statistical Mechanics of Biopolymers in Confined Geometry

**Keywords:** DNA, denaturation, confinement

**Abstract:** The stable structure of DNA is the double-stranded structure in a given solvent and temperature condition. The genetic information of an entire organism is stored in terms of four nucleotide A, G, C, T. With the rise of temperature the double-stranded DNA progressively transforms into a single-stranded configuration, this is known as DNA melting or denaturation of DNA. In vivo, DNA molecule is confined to a limited space such as the cell chamber or a channel and is in highly dense solvent conditions. This confinement restricts the conformation and movement of DNA molecules in the cell. The thermodynamic properties of DNA molecules, hence, highly depend on the confined space and the solvent properties. To have a fair understanding of these properties, we should have an in-depth knowledge of the denaturation and renaturation mechanisms of DNA in the confined state. In particular, our interest is to quantify the effect of confinement on the DNA melting and the width of the melting transition. We want to investigate the change in melting temperature with varying the diameter and the cross section of the channel

#### **Understanding hyperglycemia induced alterations in non-coding RNA expression pattern and post-translation histone protein modifications contributing to drug resistance and progression of pancreatic cancer**

**Thrust Area:** Cancer Biology,

**Key words:** Hyperglycemia, pancreatic cancer, epigenetic modifications

**Abstract:** Histone modifications and non coding RNAs are increasingly getting recognized as prospective biomarkers for cancer diagnosis thus attracting enormous research interest. Long-standing diabetes is reported to increase the risk of pancreatic cancer. Also a plethora of evidences suggest that hyperglycemia confers resistance to a variety of drugs targeted against cancer cells, which implies that understanding hyperglycemia induced molecular effects might have important therapeutic implications for pancreatic cancer patients. Very little studies have been carried out till date deciphering the regulatory role of major contributing factor - hyperglycemia in pancreatic cancer pathogenesis; this project investigates the same.

#### **Development & Validation of a Prototype of a Web/Mobile App Based Positive Psychological Intervention for Adolescents**

**Thrust Area:** eHealth/mHealth (Electronic Health/ Mobile Health)/ Internet Based Interventions/ Positive Psychology Interventions (PPIs).

**Keywords:** ePsychology/eHealth/mHealth/Internet Interventions/Online PPIs

**Abstract:** The project aims to enhance well-being of adolescents through an online program. The project delivers an Internet Intervention/eHealth Intervention which can be readily completed by interested stakeholders for

overcoming some problems related to their health and well-being. The project is a unique initiative in an Indian context and hopes to cater to the new generation students in its own unique manner. E-Health or m-Health has great significance and utility in contemporary European and American cultures and is greatly proliferating and India could potentially become a massive market for such online prevention, treatment and well-being enhancement techniques in near future.

#### **Analysis of mitochondrial dynamicity post drug exposure in human glioblastoma cells and understanding its correlation with drug resistance**

**Thrust Area:** Drug Resistance and Cancer

**Key Words:** Glioblastoma, Mitochondria, Drug Resistance, Mitophagy, Mitochondrial Fission, Mitochondrial Fusion

**Abstract:** Maintenance of a healthy mitochondrial population is essential for cellular function and survival, and is controlled by balancing biogenesis and turnover of mitochondria via mitophagy. Mitochondria undergo structural remodeling via fission-mediated disassembly and fusion-mediated re-assembly. It is generally accepted that, mitochondrial fusion is 'good', but fission is 'bad'. However, accumulating evidences suggest that the above perception is an over-simplification. Thus the failure to properly understand mitochondrial dynamicity in response to stresses, like drug stress is limiting cancer therapy. How mitochondria shapes itself in response to drug stress, how much damage or dysfunction to it can be tolerated by tumor cells, and for how long, before loss of viability; does the dynamicity differ between sensitive and resistant cells- these questions need to be addressed for a better directed therapy. We choose glioblastoma cells as our model for our study as these cells are known to possess mitochondrial malfunctions and also are known to readily adapt to stress by engaging their mitochondrial pathway for survival and is generally chemoresistant. Therefore, this study is proposed to fully understand the molecular mechanisms that modulate mitochondrial fission and fusion and how dys-regulation of these mechanisms is involved in chemo resistance or survival advantage of human glioblastoma cells. Understanding the regulation of mitochondrial dynamics in chemoresistance may provide insight into new biomarkers that better predict glioblastoma chemo-sensitivity and may aid the development of effective therapeutic strategies for its clinical management.

#### **Mobile App for assisting Indian farmers in improving yield by automatic identification of plant diseases (Rice and Tomato)**

**Thrust Area:** Agriculture, Computer Science,

**Keywords:** Disease Detection, Plant Pathology, Machine Learning

**Abstract:** Owing to pest and disease infestation, there are huge crop losses in the country. While some diseases are caused by bacteria, some of them are caused by fungi or viruses. The project aims at identifying plant diseases in selected crops using image based analysis of fruits or leaves. It also aims in providing a mobile app that can assist the farmers in taking well informed decisions and by providing suitable remedial measures

#### **Integrated approach for the efficient removal and recovery of Zinc from the viscose fiber process**

**Thrust Area:** Biochemical engineering

**Keywords:** Zinc, Adsorption, Nanoparticles, Algae

**Abstract:** The project aims to develop and integrate the biosorption and nano-adsorption techniques for the efficient removal and recovery of heavy metal catalyst (Zinc) used in viscose fiber industries

#### **Efficacy & Effectiveness of Information, Education and Communication (IEC) Activities for Health Awareness and Promotion among Women in Rajasthan: Towards a HOPE Approach**

**Keywords:** Effectiveness, Efficacy, Information, Education and Communication (IEC), Women

**Abstract:** The ICMR project examines the pragmatic influences of human communication on the provision of health care, and enhancing the quality and the promotion of public health. This investigation is application-based, focusing on identifying, examining, and solving health care and promotion related problems of women in Rajasthan. We aim to develop a model based on the researched indicators developed through HOPE and well-being approach with an integrated mobile application for effective service delivery. We define HOPE as H - Health, O - Outreach, P - Promotion & E - Education for generating awareness so that it will enhance the overall effective functioning of health services

#### **To investigate the mechanism of CRISPR-Cas regulated biofilm formation in *Salmonella enterica* serovar Typhimurium**

**Thrust Area:** Life Sciences

**Keywords:** CRISPR-Cas, biofilm, endogenous gene regulation, swarming, *Salmonella enterica*

**Abstract:** Alternative to its function as adaptive immune system, CRISPR-Cas (C-C) is known to govern bacterial physiology (e.g. biofilm) and virulence. Biofilm contributes to the virulence of the pathogen. The chief aim of the proposal is to gain mechanistic insights into the C-C mediated biofilm regulation in *Salmonella* and there by speculate therapeutic targets for biofilm management. For deeper insights, the C-C system knockouts would be tested for their ability to form biofilm and biofilm components under different conditions. Expression analysis would be performed to validate the *in-silico* predicted target genes and C-C mediated biofilm regulatory mechanism speculated based on the results

#### **Design of novel ophthalmic drug delivery system**

**Thrust Area:** Pharmaceutical product development

**Keywords:** ophthalmic, drug delivery system, formulation development.

**Abstract :** The objective of this project is to design and characterization of novel ophthalmic drug delivery system for anti-inflammatory drug. The project involved analytical method development, preformulation study, formulation trials, optimization, scale-up study and stability testing of optimized formulations. In-vitro, ex-vivo and in-vivo investigations will be carried out for designed formulation

#### **Insight into dissolution mechanism of amorphous solid dispersions of macitentan**

**Thrust area:** Drug delivery

**Keywords:** Macitentan, solubility enhancement, amorphous

**Abstract:** In last few decades, poor solubility of new chemical entities has been emerged as a serious challenge in the drug delivery and formulation development. In order to combat this problem, a significant interest in the solubility enhancement of poorly soluble drugs has been observed in literature. In this quest, amorphous solid dispersions (ASDs) have been emerged as one of the very useful means to improve water solubility of poorly soluble drugs. In this research work, we are interested to prepare suitable ASDs of macitentan

#### **Design and characterization of nanoparticle based drug delivery systems of anticancer drug**

**Thrust area:** Drug delivery

**Keywords:** Anticancer, nanoparticles, cell targeting

**Abstract:** The objective of project is to design and characterization of nanoparticle based drug delivery systems of anticancer drug. Drug encapsulated nanoformulation for cancer cell targeting will be prepared with industrial feasible method. Designed formulation will be evaluated for physicochemical characterization, drug release, surface characteristics, toxicity and efficacy. Scale up and stability testing will be performed for optimized formulations

#### **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**

The objective of the study is to carry out pre-clinical pharmacological studies. Evaluation of hypoglycemic effect of standardized fraction of the extract of *Trigonella foenum-graecum* seeds in normal fasted rats. Standardized fraction on prevention or delay of diabetes in High Fat Diet (HFD) fed rats will be evaluated and pharmacokinetic studies will be carried out

**Quality by design (QbD) based product development and process optimization:** The objective of this project is to design and characterization of injectable suspension product development and process optimization using quality by design approach. Various formulation composition and process parameters will be optimized with QbD approach. In-vitro, ex-vivo and in-vivo investigations will be carried out for optimized stable formulations.

**Development and Preclinical Evaluation of Nanostructured Lipid Particles for Targeting Brain Cancer:** The aim of the project is to design and characterize nanostructured lipid particles for the brain targeting of the selected drug and to explore its pharmacokinetic and pharmacodynamic parameters.

#### **Role of Endocrine Disrupting Chemicals (EDCs) in Maternal and Child Health:**

The objective of this project is to explore the role of endocrine disrupting chemicals (EDCs) in adverse health outcome during pregnancy and to examine relationship between EDCs and incidence of metabolic derangements during pregnancy. To develop a well standardized sensitive method for measurement of endocrine disrupting chemicals (EDCs) in biological samples from human body

### **KK Birla Goa Campus**

#### **Dr. Arnab Banerjee**

Thrust area-Basic Research -Biology of Reproduction

Keywords- Polyamines, Reproduction, Ageing, Gonaotropin Releasing Hormone (GnRH) and Gonadotropin Inhibiting Hormone (GnIH)

**Abstract-** This study would give us information about the correlation between GnRH GnIH expression in the hypothalamus with (i) several polyamines and polyamine related factors (SPM, SPD, ODC and AZIN) and with (ii) glucose and lactate and their receptors (GLUTs and MCT) in the hypothalamus during the ageing. The correlation trend will suggest whether polyamine might have any effect on GnRH and GnIH production in hypothalamus in a lactate or glucose dependent manner.

#### **Mrs. Jiss Maria (Dr. Indrani Talukar - Mentor)**

Thrust Area- Molecular Biology

Key words- Alternative splicing, Metabolic syndromes, type II diabetes, splicing factors

**Abstract:** Alternative splicing is a well-known molecular mechanism which regulates more than 95% of human genes, by which the diversity of proteins are generated. Its dysregulation is the underlying cause for several diseases, among which metabolic syndromes including insulin resistance, type 2 diabetes etc. are less studied. In this project we are aiming to study the molecular mechanism(s) of alternative splicing in regulating metabolic syndromes especially type II diabetes induced by TNF-alpha.

#### **Dr. Geetha Varier**

Thrust Area of the project.

Study the differentiation of stem cell using an in-house constructed two-photon microscope

Keywords .

Two-photon microscope, Stem cell differentiation, Intrinsic cellular fluorophore



**Abstract.:** Design and construct a two-photon fluorescence microscope having life time measurement capability. And use this microscope to study the metabolic activity of the mouse embryonic stem cell differentiation. The intrinsic cellular fluorescent proteins NADH and FAD having two-photon excitation band around 750 nm and 950 nm respectively will be used to monitor the metabolic changes.

#### **Dr. Veeky Baths**

Thrust Area of the project: Literacy and Cognition

Keywords: Psycholinguistics Literacy and Cognition

**Abstract:** The research goal is to understand modality specific visual representations that are activated by spoken words. The main aim of the research is to understand if these visual representations vary between people who have high control over visual perception and those with average control over visual perception. Respective EEG representations will provide further neurophysiological evidence of the behavior. Project funded by Max Planck Institute of, Nijmegen, Netherlands in December 2018. The cost of the project was € 5800. This collaborative research endeavor is being named the "Literacy and Cognition Project". In this regards, we have received an initial seed grant of 5800 Euros towards research expenses.

#### **Dr. Subhasish Roy**

Thrust Area of the project: Cyclic peptide-based efficient proton conducting supramolecular materials

Keywords Peptides. Proton Conduction. Fuel cells.

**Abstract:** Current research on energy and environmental chemistry is completely dedicated to exploring low-cost and nature friendly materials for alternative energy source. In this regard, efficient proton conducting materials are really attractive due to their applicability in the construction of proton exchange membrane for the fuel cells. The use of peptides for the construction of the supramolecular proton conducting materials are important due to their chemical diversity and self-assembling behavior. Chemical modifications, doping of foreign charged functionalities/materials on peptides and nanostructures forming ability can lead to excellent proton conduction.

#### **Dr. Dibakar Chakrabarty**

Co-Principal Investigator: Dr. Angshuman Sarkar

Thrust area: Therapeutic biology

Keywords: Anti-cancer, Russell's viper venom, Cytotoxicity, Small GTPase, Toxin.

**Abstract:** A number of toxins with anti-cancer potentials have been purified in recent times from different snake venoms, including Russell's viper venom. The anticancer potential of Russell's viper venom lies in its cytotoxic effects. The anti-cancer potential of Russell's viper venom (RVV) lies in its cytotoxic effects. Although, the cytotoxic effects Russell's viper venom has been known, the true mechanism of the same is not yet explored. In this study, we will attempt to understand the mechanisms involved in the Russell's viper mediated cytotoxicity. Major objective: Understanding the molecular mechanism of apoptosis through cell morphological changes and may also help in developing novel anticancer molecule(s) from RVV.

#### **Dr. Vivek Rangarajan**

Thrust Area: Green Cosmetic emulsions

Key Words: Skincare biocosmetics, biosurfactant, essential oil, biopolymer

**Abstract:** The project aims to develop a stable biocosmetic emulsion for skin care applications based on the ingredients which are completely nature-derived. The bio-equivalents of chemically- derived major ingredients such as surfactant, oil, stabilizer and antioxidants are identified and employed for this purpose. The resultant emulsion is tested for the stability and bioactive property.

#### **Dr. Rajesh Mehrotra**

Thrust area of the project: Plant Biotechnology

Keywords: Spot Blotch, wheat, SNP

**Abstract:** The project involves advance gene mapping and cloning of spot blotch disease resistance gene(s) in wheat taking the advantage of reference wheat genome sequence released recently. This project is in collaboration with Dr AK Joshi and Dr Uttam Kumar of CIMMYT.

#### **Dr Manjuri Kumar**

Thrust area: studies of cytotoxicity and anticancer activity of some metal complexes toward human cancer cells

Key words: Cu(II) complex / Zn(II) complex / DNA binding / Cytotoxicity / MTT assay / Anticancer activity

**Abstract:** There is growing interest in the development of metal complexes which can efficiently bind and cleave DNA and have the potential to be used as anticancer agents. Platinum based drugs, such as cisplatin, have been widely explored as anti-cancer agents, but its use is limited by adverse side effects. Attention is now being focused on metal complexes, based on bioessential elements like copper and zinc. The proposed project is an attractive endeavor to design and synthesize new molecules with Cu and Zn centres using suitable coordination environment that would enhance their biological properties and can serve as effective anticancer agents.

#### **Dr. Sandhya Mehrotra**

Thrust Area of the project: Plant Biotechnology

Keywords: Crop Productivity, bicarbonate transporters, Water use efficiency

**Abstract:** Improving photosynthesis in  $C_3$  plants has been identified as a promising strategy for crop improvement with regard to increased photosynthetic yield and better water use efficiency. The approaches used draw inspiration from  $C_4$  plants as well as lower organisms like algae and cyanobacteria which possess certain carbon concentrating mechanisms. One suitable approach involves transfer of bicarbonate transporter proteins from cyanobacteria which are known to enhance  $CO_2$  around RuBisCO, thus alleviating its oxygenase activity. Under this project, single-subunit cyanobacterial bicarbonate transporters BicA and SbtA are being introduced into the inner envelope membrane of chloroplasts of model  $C_3$  plants using suitable transit peptides and targeting signals.

**Dr. Ranjit S. Patil,**

Thrust Area of the project.

Novel Distributor Plates and Finned Cyclone Separators for Fluidized Bed Heat Exchanger

Keywords.

Novel Distributor Plates, Finned Cyclone Separators, Fluidized Bed Heat Exchanger, Fluid-dynamic and Heat transfer characteristics

**Abstract:** Research was conducted to study the effects of novel designs of distributor plate on flow behavior and heat transfer characteristics of riser of CFB heat exchanger at atmospheric and pressurized conditions. Novel finned cyclone separator were also tested to use the cyclone separators as heat exchangers and it is proved that cyclone collection efficiency was maintained at par with normal non-finned cyclone separators.

**Dr. Richa Singhal**

Thrust area of the project: Nanomaterials for electrochemical energy storage

Keywords; Metal-air batteries, metal-carbon nanofiber composites, electrochemical energy storage, bifunctional electrocatalysts

**Abstract:** Rechargeable metal-air batteries are frequently advocated as the solution towards next generation electrochemical energy storage for applications including electric vehicles and grid energy storage, because of their much higher theoretical energy density than the current state-of-the-art (Li-ion) batteries. Despite their immense potential, many technical challenges still remain to make these batteries commercially viable. Addressing the challenges, the project aims to design and synthesize a nanostructured cathode using metal-carbon nanofiber composites and study its bifunctional electrocatalytic activity, stability, and charge transfer mechanisms.

**Dr. Pradeep Sow**

Thrust area of the project: Hydrogen energy

Keywords: Iodine-Sulfur process, Thermochemical cycle, hydrogen production

**Abstract:** Iodine-Sulphur (I-S) thermochemical cycle consists of two major sections: the Sulphur section and the Iodine section with the Bunsen reaction forming the central part of the system. In a conventional I-S thermochemical cycle the Bunsen reaction products involve HIx and  $H_2SO_4$ . The HIx produced from the Bunsen reaction is then concentrated beyond the pseudo-azeotropic concentrations which is then decomposed into  $H_2$  and  $I_2$ . In the proposed project, the HIx will be electrochemically dissociated into  $H_2$  and  $I_2$ .

**Dr Narendra Nath Ghosh**

(1) Title of the project: Development of Photocatalyst embedded Graphene-based membranes for Treatment of Dye-containing wastewater under sunlight.

(i) Thrust Area of the project: Nanotechnology

(ii) Keywords: Wastewater treatment, Nanocatalysts, Photocatalysis

(iii) Abstract: Development of Reduced Graphene Oxide (RGO) based nanostructured photocatalysts for treatment of dye containing industrial wastewater and development of a process to treat the dye-containing industrial wastewater (in its tertiary treatment phase) under sunlight irradiation using the above-mentioned membranes.

(2) Title of the project: Development of Mesoporous Silica (or Alumina)- SiC-metal nanoparticle-based nanocomposites for Radar Absorption Application at High Temperature

(i) Thrust Area of the project: Nanotechnology

(ii) Keywords: nanocomposite, mesoporous materials, microwave absorption

(iii) Abstract: Development of a simple but cost-effective chemical methodology to prepare mesoporous silica /Alumina- SiC- metal nanoparticle based nanocomposites for microwave absorption application.

Title of the project: MPSoC Based Automated Digital Signal Processing System for Tokamak Reflectometry

**Dr. A. Amalin Prince**

Thrust Area of the project: VLSI and Embedded System

Keywords: Multiprocessor System on-Chip, Field Programmable Gate Array, Signal Processing, Reflectometry

**Abstract:** Reflectometry is a microwave diagnostic technique, which is capable of measuring the complete electron density profile of fusion plasma with minimal access requirements. Advanced signal processing technique is required for more accurate density profile measurement. Automated system can be designed using a Multiprocessor System on Chip (MPSoC) platform. Xilinx MPSoC has processor cores (ARM), programmable logic (FPGA fabric) and GPU in a single chip. Hardware software co-design technique would be used for the implementation. The proposed automated system would have analog driver for microwave source, data acquisition

system and signal processing unit. This automated signal processing instrument would be a remotely configurable with an integrated Graphical User Interface GUI).

#### **Dr. Vinayak Naik**

Thrust Area of the project

Cyber Physical Systems

Keywords. Mobile, GIS, and Indoor Localization

**Abstract:** During fires, smoke inside a building may become so thick and dense that occupants become quickly disoriented and unable to exit it. The same condition could arise for other emergencies when it becomes necessary to evacuate the occupants. We propose the development of a mobile app to assist in emergency evacuations from buildings. The app is made possible with a convergence of three technologies -- WiFi-based indoor localization, geo-referencing of buildings, and algorithms to find routes. The app will also estimate the number of people, who will use each pathway, and re-route individuals to alternate exits to reduce stampede conditions.

#### **Dr.S D Manjare**

Title of the project "Life Cycle Assessment (LCA) Study for M/s Maharashtra Aldehydes and Chemicals Limited, MIDC, Mahad Goa| Total grant Rs. 7.0 lacs/- . | November 2018 – March 2019 |

Thrust Area: Environmental Management System

Key Words: Life cycle assessment, functional unit, phthalate plasticizers, citrate plasticizers

**Abstract :** Life Cycle Assessment (LCA) is a tool used to establish the environmental impacts associated with the production process of the targeted product or system associating with all of its life stages, starting from the raw material extraction, through manufacturing, distribution, use phase, and final disposal. In this project LCA of phthalate plasticizers, citrate plasticizers and several other compounds primarily flavouring and fragrance agents (Total 23 products) is being carried out. The detailed plant data is obtained from Maharashtra Aldehydes and Chemicals Ltd, Mahad, Mumbai.

#### **Dr. S D Manjare**

Title of the project "Study of dispersion of particles generated from handling of cargo at Mooring Dolphins for Mormugao Port Trust" Sponsored by Mormugao Port Trust, Goa| Total grant Rs. 16,75,600/- . | September 2018 – April 2019 |

Thrust Area: Environmental Engineering

Key Words: coal, dispersion, Mooring Dolphins, particulate matter 10, particulate matter 2.5

**Abstract :** Mormugao Port Trust (MPT) has been handling dry bulk cargo such as iron ore, coal & coke, limestone and pig iron from Moring Dolphins. During the handling of the cargos, particle emission and dispersion takes place. This leads to air pollution nearby areas including Vasco city. In this project modelling studies on dispersion of PM10 and PM2.5 due to handling of Iron ore; Coal; Limestone; and Bauxite are being carried out. Prediction of PM10 and PM2.5 dispersion up to a distance of 10 kms will be made at single mooring dolphins and at multiple mooring dolphins during loading/unloading. The models results will be validated with physically measured data. This will be provided by MPT. Detailed reports on each of the substances (comprising of a total of four reports) will be prepared and submitted to MPT along with key findings and recommendations.

#### **Dr. Utpal Roy**

Thrust Area: Antifungal Drug discovery

Key Words: Antifungal, Lipopeptides, Purification; Characterization

**Abstract:** The project deals with various functional characterization of the novel antifungal peptides and pharmacokinetic-pharmacodynamic studies for checking their suitability for preclinical trial.

#### **Dr. Halan Prakash**

Thrust Area of the project.

Inorganic chemistry, Physical Chemistry, Analytical Chemistry, Environmental Chemistry

Keywords: Water, Oxidants, Adsorbents, Solar light, Photoactive molecules

**Abstract.:** Research project is focused on the development of new photo active molecules for environmental remediation purpose. Specifically, prototypes on new light source were developed. Novel, stable, reuse adsorbents were developed for removal of contaminants. Research on user acceptability of the prototypes that combine photo and adsorption methods will be studied in the ongoing projects.

### **Hyderabad campus**

#### **Dr. M Srinivas**

1. Title of the Project: Sustainable technological solutions for energy efficiency in jiggery industry (STEEJ)
2. Funding Agency: Royal academy of engineering, UK
3. Thrust Area of the project: Energy efficiency in process industries
4. Keywords 3/4: Energy efficiency, jaggery industry, solar energy

**Abstract:** The title of the project is "Sustainable technological solutions for energy efficiency in jaggery industry (STEEJ)". The funding agency is Royal academy of engineering, UK. The total Sanctioned amount is GBP48380. The project's Objectives are as follows:

Design & optimisation of an energy efficient alternate jaggery production process line that uses sustainable hybrid energy technologies.

Prototype development and field testing of new process line. Develop and implement training modules to impart necessary skill sets to use this new process line. The expected deliverables are as follows: Design and optimization of various systems/subsystems of new process line that contribute to renewable energy usage to improve energy efficiency in jaggery industry. Validation of these designs through investigations on prototypes.

Development software interfaces that could be used to suggest new process lines at any location. Design of Training modules and successful usage of the same for training the personnel

#### **Dr. Arkamitra Kar**

1. Title of the Project: Economic construction practice using bacterial inclusions in concrete in improve its durability

2. Funding Agency: CSIR

3. Thrust area : Concrete Technology.

4. Keywords Durability; bacterial concrete; optimum mix design; low-cost concrete.

**Abstract:** The proposed research will investigate the efficiency of introducing a combination of different bacterial strains to improve the durability of concrete by reducing shrinkage strains. This research proposal is aimed at making a significant contribution towards the prediction of shrinkage strains of concrete with bacterial inclusions and consequently to promote its use for practical purposes. The use of bacterial concrete for practical purposes will reduce the need for repair and maintenance of concrete structures, leading to an economic construction practice.

#### **Dr. Ruchi Jain Dey**

1. Title of the Project: Harnessing mucosal immunity towards improved resistance against tuberculosis.

2. Funding Agency: DBT Ramalingaswamy Fellowship

3. Thrust Area of the project: Role of MAIT cells in mucosal immunity to tuberculosis infection.

4. Keywords %: Mucosal immunity, microbiome, MAIT cells, Tuberculosis

**Abstract:** BCG- currently available vaccine against tuberculosis (TB) induces only an ineffective immune response at respiratory mucosa failing to prevent primary infection. Mucosal Associated Invariant T [MAIT] cells are important for immunity to pathogenic microbes at mucosa. Our preliminary work indicate regulation of MAIT cell activation by riboflavin biosynthetic pathway of *M. tuberculosis* and a weak induction of MAIT cell response by BCG. The proposed study intends to systematically investigate the causative link between MAIT cell response, riboflavin biosynthesis, cellular signaling, susceptibility to TB infection, association with host microbiota with a goal to harness this knowledge to design immuno-therapeutics against TB.

#### **Dr. Bandhan Bandhu Majumdar**

1. Title of the Project: Pre-feasibility study of Battery Electric buses in India

2. Funding Agency: Global Challenge Research Fund, UK

3. Area of research: Transportation Engineering

4. Key words (3-4 max): Battery Electric bus, Feasibility, Sustainable Transportation, Multi- Attribute Decision Making

**Abstract:** This project has two major activities: (a) development of a methodological framework for assessment of the operational feasibility of battery-electric buses in typical Indian routes and (b) identification of the areas for capacity building in terms of skilled manpower and required infrastructure required for running battery-electric buses. Sanction project: GCRF, UK

#### **Dr. Sanket Goel**

1. Title of the Project: Underwater Characterization of solar cells and their optimization

2. Funding Agency: DRDO - Cars

3. Trust area of Research: Underwater Characterization of Solar cells and its Optimization.

4. Keywords: Solar cells, underwater sensing, Nanomaterial characterization.

**Abstract:** Major goals for underwater solar cells are design, fabrication, development and evaluation of the organic photovoltaic devices underwater conditions. However, major activities of the project are study of underwater solar spectrum, identification of suitable organic photoactive materials, structures, encapsulation materials and encapsulation techniques. All the mentioned activities require several types of characterization i.e. dark and light I-V, C-V, C-f, spectral response, Quantum efficiency, thin film morphology etc.

#### **Dr. Punna Rao Ravi**

1. Title of the Project: Identification of UGT-isoform specific substrates and inhibitors and their contribution in drug metabolism and systemic levels of bile secretions.

2. Funding Agency: Acubiosys Pvt. Ltd.,

**Dr. Sarmistha Banik**

1. Title of the Project: Fundamental Physics in Strong Gravitational field of Neutron Stars
2. Funding Agency: DAE-BRNS
3. Thrust Area of the project. Nuclear Astrophysics
4. Keywords 3/4.: Dense matter, Neutron stars, Gravity, exotic matter
5. Abstract: "Fundamental Physics in strong Gravitational fields of neutron stars" Neutron stars(NS) are extremely compact objects; the high density core may contain several exotic matters such as hyperons, antikaon condensates, quarks in addition to protons, neutrons and leptons. There are various theoretical models that study the constituents of the NS core, which can only be verified by observational data such as mass, radius and moment of inertia. We propose to construct the EoS of the NS core with strange particles and study the universality relations such as moment of inertia (I), I-love-Q number etc. I, the Love number is associated with the tidal deformation and spin induced quadrupole moment (Q).

**Dr. Amit Ashok Vernekar**

1. Title of the Project: Engineered Nanomaterials: New Biomimetic and catalytic approaches for biomedical applications
2. Funding Agency: DST Inspire Faculty
3. Thrust Area of the project: Bioinorganic and biomimetic chemistry
4. Keywords 3/4. : Nanozymes, therapeutics, environment, sustainability, platinum
5. Abstract: This project focuses on the synthesis of nanomaterial, which can mimic enzymes, for biomedical, environmental and sustainable chemistry applications. Enzymes, being very active for specific catalysis, cannot be routinely employed in various fields as they have many limitations, such as, isolation, purification, storage at low temperature, denaturation, cost, etc. Nanozymes, however, have significant potential to be applied instead of enzymes, as they can overcome all disadvantages associated with enzymes. In this regard, the current project investigates on developing nanozymes for various applications, ranging from catalysis to health to environment.

**Dr. Akash Chaurasiya**

1. Title of the Project: Development and characterization of emulsion based drug product for the management of emetogenic cancer chemotherapy
2. Funding Agency: Slay back Pharma
3. Thrust Area of the project: Formulation development & characterization of nano-emulsion based formulation for emetogenic cancer chemotherapy
4. Keywords 3/4: Emulsion, nanotechnology, Aprepitant, Emetogenic, chemotherapy

**Abstract:** Aprepitant is P/neurokinin-1 (NK 1) receptor antagonist, indicated for the treatment of nausea and vomiting associated with initial and repeat courses of highly emetogenic cancer chemotherapy (MEC) & moderately emetogenic cancer chemotherapy (MEC). Aprepitant belong to BCS class IV category and have poor aqueous solubility and permeability. Because of limited oral bioavailability of aprepitant, parenteral route of administration is most suitable to achieve maximum efficacy and safety of the drug product especially in case of cancer chemotherapy adjuvant therapy. The present research work is based on development and characterization of Aprepitant emulsion based formulation for intravenous administration.

**Dr. Srikanta Dinda**

1. Title of the Project: Cracking of Hydrocarbon Fuel for a Possible Heat Sink Application
2. Funding Agency: DRDL (DRDO)
3. Thrust area: Investigation of endothermic fuel for Possible Heat Sink Application.
4. keywords: hydrocarbon, endothermic fuel, cracking, initiator.

**Abstract:** Endothermic fuels are fuels, which have the capacity to absorb large quantities of physical and chemical heat. In addition, endothermic fuels are also capable of absorbing a heat of cracking reaction. The capacity to absorb a heat of reaction is referred to as the fuel's chemical heat sink. Successful application of endothermic fuels should greatly reduce the cooling needs for advanced turbines in aerospace applications. The special focuses is on cracking of hydrocarbon fuels, use of additives/initiator to improve the heat sink capacity of the fuel, development of kinetic model for cracking reaction, reduction of coke during cracking and its modelling and generation of thermo-physical data of hydrocarbon fuels.

**Dr. Sridev Mohapatra**

1. Title of the Project: Conditional Pathogenesis: Understanding why potentially beneficial rhizobacteria turn pathogenic under certain environmental conditions
2. Funding Agency: DBT
3. Trust Area: Plant biology/plant biotechnology.
4. Key Words: Plant, rhizobacteria, auxin, drought, pathogenesis.

**Abstract:** The project aims to identify the underlying mechanisms that lead to "conditional pathogenesis", a situation where otherwise potential plant growth promoting rhizobacteria turn pathogenic under certain

environmental stresses in some species. This project will use the model plant *Arabidopsis thaliana* and a potentially stress tolerant rhizobacterium species to study the basis of enhanced drought-mediated injury in *Arabidopsis* under inoculated conditions when it has been established to positively impact thermotolerance in wheat.

**Dr. Sanket Goel**

1. Title of the Project: Digital 3D printed electronic technology for space electronic packaging applications
2. Funding Agency: ISRO
3. Trust area: Digital 3D Printed Electronic Technology for Space Electronic Packaging Applications
4. Keywords: 3D printing, Printed Electronics, Electronic Packaging.

**Abstract:** During the packaging of Space Electronic Equipment, several factors, such as reliability, miniaturization and cost-effectiveness play crucial role. Printed Electronic Technology (PET), particularly, Digital 3D Printing based additive manufacturing has proven potential to eradicate such challenges. The proposed investigations are aimed at the development of high resolution 3D-printing technology using conductive & non-conductive nanomaterials for space electronic packaging applications. Experimental studies will be conducted using 3D printing technology and will be benchmark against the conventional subtractive type printed circuits manufacturing technology.

**Dr. Lavanya Suresh**

1. Title of the Project: Resistance to the Western Ghats Conservation and Undercurrents: A study of the people's protest and the role of the local bodies in Iduuki, Kerela
2. Funding Agency: Center for Development Studies (CDS)
3. Area of research: Political Ecology
4. Key words (3-4 max): Discourse, Conservation, Environmental Politics

**Abstract:** To understand the role of the local government institutions in conservation, in the context of the discourse around the protests against the Gadgil and Kasturirangan committee reports-To understand the underlying social, political and economic factors that drive local resistance to conservation

**Dr. Lavanya Suresh**

1. Title of the Project: Incubating a discourse for Cooperation, Contentment, and Care: to Enable Justice for All
2. Funding Agency: NALSAR
3. Area of research: Political Ecology
4. Key words (3-4 max): Conservation, Justice, Ecology

**Abstract:** The questions that we will seek answers to are: (1) What traditional rules or alternative means of conservation continue to exist to manage ecological systems? (2) Explore if these traditional rules are changing? (3) If they are changing, question if it is a product of increasingly impoverished producers over extracting to offset losses and tighter margins or are they related to cultural transformations in perceptions of ecosystems, or both? (4) What differences do institutions of governance, or property rights make to the ways in which ecological systems are managed? Do they really matter ecologically?

**Dr. Debashree Bandyopadhyay**

1. Title of the Project: Novel approach to develop computational pipeline to predict functions of cysteines in Proteins of Unknown Function (PUFs) and Domains of known Function (DUFs), based on protein microenvironments
2. Funding Agency: DST, 3. Trust Area : Computational Biology
4. Keywords: cysteine function prediction; proteins of unknown functions; domains of unknown functions; protein micro

**Dr. Subhas Goshal**

1. Title of the Project: Ultracold chemistry of molecular ions, 2. Funding Agency: DST

**Dr. Onkar Kulkarne**

1. Title of the Project: Determination of wound healing (pro-angiogenic properties of peptide conjugate)
2. Funding Agency: DRDO
3. Thrust Area of the project: Wound healing (therapeutic validation of pro-angiogenesispeptide)
4. Keywords: Novel peptide, angiogenesis, wound healing

**Abstract :** A synthesized peptide conjugate (synthesized by Dr.Raunak Vashney, INMAS, DRDO) will be evaluated for its wound healing properties (pro-angiogenesis effect). Angiogenesis, the growth of new capillaries from existing blood vessels is essential for the survival of tissues and normally occurs during development and wound healing. Acceleration of angiogenesis as well as up-regulating angiogenesis in conditions where it is downregulated (e.g. diabetic wounds) would accelerate the wound healing significantly. The angiogenesis properties of the novel peptide will be evaluated by determining the CC50, proliferation, in-vitro tube formation, wound healing assay by using HUVEC cells. Angiogenic potential of the peptide conjugate will be evaluated in a mouse model of wound healing.

**Dr. Paresh Saxena**

1. Title of the Project: Network Coding with Pascal coefficients for unreliable networks
2. Funding Agency: AnsuR Technologies, Oslo, Norway
3. Thrust Area of the Project: 5G Networks
4. Keywords: 5G, Network Coding, Integrated Satellite Networks

**Abstract:** The objective of this project is to work on the 5G integrated network coding test-beds. These test-beds are being developed at AnsuR Technologies, Oslo, Norway, and Dr. Saxena is providing his consultancy on the integration of network coding protocol for the hybrid terrestrial-satellite 5G networking. This project will deliver a functioning test-bed to evaluate the performance of network coding with different network impairments (e.g., bandwidth, losses, and delay). This project will be the first step to analyze the integration of network coding in 5G networks and it will result in the future possibilities of using network coding with real-time systems.

**Dr. Sounak Roy**

1. Title of the Project: Preparation and Characterization of electrode materials for Lithium ion Batteries
  2. Funding Agency: HBL
- Dr. Vivek Sharma

1. Title of the Project: Understanding the role of long non coding RNA's (lnc RNA's) in transforming growth factor - beta (TGF- $\beta$ ) pathway in Glioblastoma
2. Funding Agency: DST
3. Thrust Area of the project: Cancer Biology
4. Keywords 3/4. lncRNAs, Glioblastoma (GBM), TGF, gene regulation

**Abstract:** This project aims to explore in an unbiased and genome-wide manner the role of TGF- $\beta$  regulated lncRNAs in glioblastomas (GBM). We will identify TGF- $\beta$  modulated lncRNAs in GBM using a microarray screen and begin to characterize their role in GBM pathophysiology.

**Dr. Trinath Jamma**

1. Title of the Project: Identification of the regulatory mechanisms executed by bile acids during inflammation induced colon cancer
2. Funding Agency: DST
3. Thrust Area of Project: Immune cell signalling and inflammation.
4. Key Words: Macrophages, WNT, Cholesterol.

**Abstract:** Of the known cancer types, Colorectal Cancer (CRC) is emerging to be a third form of malignancy leading to cancer-related deaths. Intriguingly, 20%-30% of CRC/Colitis-associated cancer (CAC) patients are characterized by clinically detectable signs of inflammatory bowel disease (IBD), composed of Ulcerative colitis (UC) and Crohn's disease (CD) which are symptomatically indistinguishable but anatomically isolated. Understanding the intricate signalling pathways activated at the juncture of immune cell and the epithelial cell may provide leads to develop novel small molecules to treat not only the intestinal inflammation but also inflammation driven colon cancer.

**Dr. Atasi Mukherjee – DST WOS-A Under Prof. Manab Chakravarty**

1. Title of the Project: AIE studies of newly designed anthracene-based coordination compounds and their applications
2. Funding Agency: DST (WOS-A)
3. Thrust Area of the project: Formulation development & characterization of nano-emulsion based formulation for emetogenic cancer chemotherapy.
4. Keywords: Emulsion, nanotechnology, Aprepitant, Emetogenic, chemotherapy

**Abstract:** Aprepitant is P/neurokinin-1 (NK 1) receptor antagonist, indicated for the treatment of nausea and vomiting associated with initial and repeat courses of highly emetogenic cancer chemotherapy (MEC) & moderately emetogenic cancer chemotherapy (MEC). Aprepitant belong to BCS class IV category and have poor aqueous solubility and permeability. Because of limited oral bioavailability of aprepitant, parenteral route of administration is most suitable to achieve maximum efficacy and safety of the drug product especially in case of cancer chemotherapy adjuvant therapy. The present research work is based on development and characterization of Aprepitant emulsion based formulation for intravenous administration.

**Dr. Sabareesh G R:**

1. Title of the Project: Studies on Wind Resistant Design for proposed LIGO India Observatory
2. Funding Agency: LIGO-India
3. Thrust Area of the project. Wind resistant studies on proposed LIGO India Structure
4. Keywords 3/4. Wind Loads, CFD, Wind Tunnel

**Abstract:** The wind effects on LIGO were first observed and measured at the Hanford observatory. It was discovered that the wind induces tilt in the LIGO structure which leads to significant noise in the signal. The tilt due to wind is sensed by the horizontal seismometer which reports it incorrectly as translation motion, hence introducing noise. This noise becomes substantial once the wind speed is greater than 10 m/s. Subsequently it was decided

to simulate the wind noise scenarios in LIGO India, study its severity and take appropriate steps to minimize it. This could be done by taking various steps like fencing, shielding, suitable aerodynamic designing of the building, decoupling the floor and the walls or by a customized combination of these. All these methods will be investigated during the project and accordingly implemented in LIGO India.

**Dr. Sunny Jose**

1. Title of the Project: Women's Employment, Interstate Variations and Time-use: A Comparative Study of Bihar and Andhra Pradesh

2. Funding Agency: Azim Premji

3. Trust area of the project: Women's Employment in India

4. Key words: Women's Employment; Missing Labour; Jobless Growth; Time- use

**Abstract:** The study examines the factors underlying the low levels of, and huge interstate variation in, female labour force participation rates in India. These twin aspects are examined empirically in rural regions of Andhra Pradesh and Bihar, which remain at the top and bottom spectrum, respectively, in terms of labour force participation of women in India.



## 8. Research Related Seminar/ workshop conducted during the year 2018

### Pilani Campus

1. An International Conference on "Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS-2018)" was organized during November 1-3, 2018.
2. Department of Civil Engineering organized Second International Conference on "Advances in Concrete, Structural and Geotechnical Engineering-2018" held at BITS, Pilani, 26-28th February 2018
3. Kamlesh Tiwari, International Workshop on Applied Machine Learning (IWAML-2018) February 19-23, 2018 at NITTR, Kolkata. (Link <http://www.nittrkol.ac.in/iwaml2018/>)
4. Kamlesh Tiwari, International Workshop on Applied Deep Learning (IWADL-2018) July 16-20, 2018 at IIT Mandi. (Link <http://www.ktiwari.in/iwadl2018/>)
5. Kamlesh Tiwari, Organized a one-day-workshop on entrepreneurship for the students at PS1 station in Lucknow on July-07, 2018 at "Tata Institute of Social Science, Lucknow Training Centre".
6. Kamlesh Tiwari, Microsoft Azure Machine Learning Workshop has been conducted at CSIS Department from Nov 09-11, 2018
7. Department organized one day "Indo-Israel Workshop on Nanomaterials and Devices (I2NMD-2018)" during Nov. 2<sup>nd</sup> 2018. Conveners of the workshop were Prof. Navneet Gupta, Dr. Arnab Hazra and Dr. Rupam Goswami.
8. Sangeeta Sharma, Anupam Yadav and Shekhawat S organized an International Conference on Media, Culture and Ethics held at the Department of HSS, BITS, Pilani from February 9-10, 2018.
9. Anupam Yadav conducted a one-day training cum workshop for private companies executives on Human Values and Professional Ethics organized by Banipal Management Consultant at Vadodara, Gujarat, on December 28, 2018.
10. Pushp Lata was Invited to conduct a workshop on Flipped Classroom and Problem Based Teaching in a Faculty Development Programme on Pedagogical Approaches in Science, Technology, Engineering and Management organized by the Department of Applied Sciences, Humanities and Management, Bundelkhand Institute of Engineering and Technology, Jhansi (UP) in collaboration with PDA College of Engineering, Gulbarga during October 04-08, 2018 (One Week) held under the aegis of TEQIP- III.
11. Prof. K. S. Sangwan (Department of Mechanical Engineering) and Dr. Jyoti (Department of Management) organized "Indo-German Workshop on Sustainable Manufacturing and Entrepreneurship", held on 17th - 18th September 2018.
12. Havish Madhvapaty, Co-Founder, Decode Research and Analytics, Microsoft Excel Management, 26 Feb 2018 - 28 Feb 2018
13. K.T. Upadhyay Managing Partner, ELearn India Consulting & Training LLP Project Management Management 10 Sep 2018 - 14 Sep 2018.
14. Shikha Sahai HR Consultant & Research Scholar, XLRI Human Resource Management Management 18 Sep 2018 - 22 Sep 2018.
15. Kidambi Srinivasan Trainer, Benchmark Six Sigma, Delhi Six Sigma Training Management 30<sup>th</sup> August 2018-3rd September 2018.
16. Abhisek Salecha Co-Founder Forevision Advanced Excel and Financial Modelling Management 21st Sept - 23rd Sep 2018.
17. Prof. R.N. Saha conducted a workshop on "Bioavailability and Bioequivalence" at 9th World Congress on Bioavailability and Bioequivalence at Dubai, UAE, April 16-18, 2018
18. Dr. Sunil Kumar Dubey conducted a workshop on, "Analytical and statistical tools for bioavailability & bioequivalence studies" at 9th World Congress on Bioavailability & Bioequivalence, UAE Dubai, UAE, April 16-17, 2018.
19. Dr. Atish T. Paul in collaboration with Dr. Karthik J and Dr. Hemant Bhutani from Biocon-BMS Bangalore, organized a One day Industry-Academia Symposium on Analytical Sciences at Department of Pharmacy, BITS Pilani on 24 November 2018
20. Regional Science Congress (Jaipur region), 13-17 November, 2018 in association with Jawahar Novodaya Vidyalaya, Kajra, Jhunjhunu.

## Goa Campus:

1. Angshuman Sarkar, the 'XLII All India Cell Biology Conference and the 2nd TCMB' Department of Biological Sciences, BITS Pilani K K Birla Goa Campus from 21<sup>st</sup> – 23<sup>rd</sup> December 2018.
2. Srikanth Mutnuri, The 4th Asia Pacific - International Society of Microbial Electrochemistry and Technology (AP-ISMET) Department of Biological Sciences, BITS Pilani K K Birla Goa Campus from 13<sup>th</sup>–16<sup>th</sup> November 2018.
3. Srikanth Mutnuri, One day International Conference on Urban Rural Nutrient and Carbon Cycle – towards Soil protection and rehabilitation on 26th November 2018 at ) Department of Biological Sciences, BITS Pilani K K Birla Goa Campus.
4. Veeky Baths , " International Symposium on Bilingualism and cognition 2018, Department of Biological Sciences, BITS Pilani K K Birla Goa Campus, from 1<sup>st</sup> to 3<sup>rd</sup> November 2018
5. Veeky Baths , workshop on Data sharing for open innovation in community-based rehabilitation , organized by Cognitive Neuroscience Lab, Dept. of Biological Sciences along with University of Leeds on 28th - 29th of Sept, 2018.
6. Vijayshree Nayak "International symposium Academic-Industry-Government partnerships to accelerate Radiation Research and clinical Translation" (AIG 2018), on 8-9 October 2018. Venue: Goa University.
7. 8<sup>th</sup> DAE-BRNS Symposium on Emerging Trends in Separation Science and Technology" (SESTEC-2018) 23<sup>rd</sup> May
8. Recent Trends in Chemistry: Students' Meet-2018, 25<sup>th</sup> Feb 2018
9. School on Advanced Oxidation Processes, S-AOP-2018, 16th November.
10. 1st International workshop on Software Engineering aspects of cyber physical systems
11. Formal Methods Update Meeting
12. 73rd Meeting of IFIP Working Group 10.4 on Dependable Computing and Fault Tolerance, January 2018
13. "International Conference on Economics and Finance (ICEF-2018)" was organized by the Department of economic, BITS-Pilani, K. K. Birla Goa campus in association with Indian Council of Social Science Research on 16-17 February 2018. Principal convener of the conference was Prof. Aswini Kumar Mishra.
14. Department of Economics, BITS-Pilani, K. K. Birla Goa campus acted as academic partner for "2nd International Conference on Economics and Development 2018" held on the 20th – 21st June, 2018 in Colombo, Sri Lanka.
15. 12th World congress of the RSAI was organized at BITS-Pilani, K. K. Birla Goa campus by Department of Economics. Dr. Debasis Patnaik was joint convener of the congress.
16. Prof. Krishnaswami Srihari, Dean - Thomas J. Watson School of Engineering and Applied Science, SUNY Distinguished Professor and Director - Watson Institute for Systems Excellence, Binghamton University, Binghamton, New York, provided a talk to discuss career opportunities and explore collaborative academic partnerships, particularly in STEM disciplines on 3rd October, 2018.
17. Three days workshop on "Applied Time Series and Panel Data Econometrics" was organized by Department of Economics on 19-21 October, 2018.
18. Debasis Patnaik (2018): Lecture delivered on "Technical Analysis in Stock Market" by Prof. Babu Aiholi from Department of Economics, Goa University, on November 7 2018.
19. Pradeep Boggarapu attended workshop "Harmonic Analysis Meet" held at the Dept. of Mathematics, IIT Bombay, from 15<sup>th</sup> August-19<sup>th</sup> August, 2019.
20. Anil Kumar attended a discussion meeting on Teaching Differential Equations in India held at Indian Academy of Sciences, Bangalore during February 26 to February 28, 2018.
21. Himadri Mukherjee attended 7<sup>th</sup> International conference on Matrix Analysis and Applications, Shinshu University, Nagano, Japan. June 22-25, 2018.
22. P. Dhanujaya attended International Workshop on Modeling Dynamics, Statistical Interference and Prediction of Infectious diseases (MoDSIP-ID), held at Department of Mathematics and Computer Science, Sri Satya Sai Institute of Higher Learning, PrasanthiNilayam (A.P) from 12<sup>th</sup> August to 15<sup>th</sup> August, 2018.
23. Shilpa Gondhali attended the workshop 'Volume Conjecture and Related topics in Knot Theory' which was held in IISER Pune from December 17-21, 2018.
24. Organized International Conference on Discrete Mathematics and its Applications to Network Science (ICDMANS-2018) during July 7-10, 2018.
25. 1<sup>st</sup> Symposium and workshop for Analytical Youth in Applied Mechanics, 04-06 July, 2018, Bi-Anneal Conference series of Indian Society of Applied Mechanics.

## Hyderabad Campus

1. Chaired a Session during the 2<sup>nd</sup> International Conference on Advances in Concrete, Structural & Geotechnical Engineering (ACSGE 2018), organized by Department of Civil Engineering, BITS Pilani, Pilani Campus, February 26-28, 2018.
2. Workshop on 'Data Mining and Soft Computing Techniques in Civil Engineering' Centre of Excellence in Water Resources Management, Department of Civil Engineering, BITS Pilani, Hyderabad Campus, organized a workshop on Data Mining and Soft Computing Techniques in Civil Engineering, on April 13-14, 2018. The total number of participants was 43. External experts included Prof D Nagesh Kumar, IISc. Bangalore; Dr Nagesh B Sristy, IDRBT Hyderabad. In addition, a number of experts from BITS Hyderabad also delivered lectures during the workshop.
3. A session, by Prof D Nagesh Kumar, in the workshop on data mining and soft computing techniques in civil engineering.
4. Workshop on 'Reservoir Simulation Using NIH\_ReSyP' Centre of Excellence in Water Resources Management, Department of Civil Engineering, BITS Pilani, Hyderabad Campus, and National Institute of Hydrology, Roorkee (A Govt. of India Society under Ministry of Water Resources, River Development and Ganga Rejuvenation) jointly organized a five-day training workshop on "Reservoir Simulation Using NIH\_ReSyP" from June 25 to 29, 2018. Twenty officers participated. Dr SK Jain, Director, National Institute of Hydrology, Dr MK Goel (Scientist G) and Dr Deepa Chalisgaonkar (Scientist F) delivered lectures along with experts from BITS Hyderabad
5. Dr SK Jain, Director, National Institute of Hydrology, delivering a lecture in the workshop on Reservoir Simulation Using NIH\_ReSyP.
6. A One Day Workshop on 'Dynamic Testing and Simulation of Civil Structures conducted on 8 th October, 2018' Organised by Department of Civil Engineering, BITS Pilani, Hyderabad Campus and in Association with DST – FIST Sponsored by Universal Mechatronics, CO-ORDINATORS: Prof. Sridhar Raju & Dr. S. C. Mohan & RESOURCE PERSONS: Dr. S C Mohan, Dr. Arkamitra Kar, Prof P N Rao, Dr. Chandu Parimi, Dr. Kalyana Rama J S, Dr. Bahurudeen A.
7. ABOUT THE WORKSHOP: Dynamics of Structures and Earthquake engineering is an essential research topic of Civil Engineering. To understand the dynamic behaviour of structures, vibration testing is necessary. The aim of this workshop is to train the participants on the importance of vibration testing of civil structures. The participants will be exposed to hands-on experience of numerical modelling (STAAD Pro) and experimental testing (Shake Table). This workshop will be very useful for all researchers working in the field of structural dynamics and earthquake engineering.
8. One Day Seminar on Pavements Quality and Bitumen Rheology on 11th December 2018 at BITS Pilani Sponsored by M/s Antnonpaar India Limited, Organised by Prof. V Vinayaka Ram and Prof. Sridhar Raju, Department of Civil Engineering. Details of guest speakers is provided below for reference
9. Sustainable Technologies for Construction of Durable Roads by Prof. V Vinayaka Ram, BITS Pilani Hyderabad Campus
10. Basics of asphalt Rheology and importance of DSR in Binder Characterization ( Mr.Maharshi Gajjar- Anton Paar India)
11. Asphalt Binder Testing - Mr.Oliver Sack - Anton Paar Austria
12. Discussion on Plastic Modified Bitumen / Bituminous Concrete - Prof. Sridhar Raju
13. Six Sigma Workshop, 15-16, 22-23 September, 2018
14. Stocks and trading workshop, By Zerodha, 29 October, 2018
15. Credit Suisse CRO Grad Rotation Program, 2 November, 2018
16. Organised a contingent to ISB's finance fest, ARTHA'18
17. Conducted Rajagiri National Business Quiz
18. Arranged a talk and demo of the NSE certified AlphaBeta app by one of their executives Mr. Varun Mundra
19. Two-day Workshop on Tribology workshop TRIBO-2018 organised by MEA on November 2018.
20. A one-day intensive Workshop on "3D Modeling and Drug Optimization" has been organized on 28th October 2018 jointly by Zastra Innovations Pvt. Ltd and Department of Pharmacy, BPHC.

## Dubai Campus

1. Dr.Abdul Rajak, Dr.Jagadish Nayak, Dr.Vilas H Gaidhane, Dr.Raja Muthalagu &Dr.Nilesh Goel of EEE department along with student volunteers conducted a one day workshop for school students on Feb 3rd 2018 from 9 am to 3 pm and the topic was "Build and Control your own robot" . The school students were given hands on training of building a Robot from the scratch and controlling a Robot using Arduino board in signal processing and simulation lab.
2. MATLAB workshop was conducted by Dr.V.Kalaichelvi on 1.03.2018 from 4.30 pm to 6 pm in the signal processing and Simulation Lab.
3. For Institution of Engineers Series Workshop, Dr.V.Kalaichelvi has conducted SIMULINK workshop in the Signal Processing and Simulation Lab on March 20th 2018 from 1 pm to 1.50 pm.
4. EEE dept conducted a comprehensive workshop for school children on 28.3.2018. Dr.Abdul Rajak, Dr. Chattopadyay, Dr.Jagadish Nayak, Dr.V. Kalaichelvi, Dr.Swarnalatha, Dr.Vilas, Dr.Shazia & Dr.Sunil Thomas along with AOEE student volunteers have engaged all school students for the demonstration of hands on experiments: Wheel-E: Bluetooth Controlled Arduino based Obstacle Avoidance Robot (Instrumentation Lab); Flashing of LEDs using Arduino (Instrumentation Lab); Side Band Transmission and Reception (Communication Lab); Dancing Lights using IC 74LS74 (DD lab); Testing of ping Sensor using IC555 in Astable Mode (DD Lab); No Load Test on Three Phase Induction Motor (Electrical Machines Lab).
5. Dr. A.B.Chattopadyay, Dr.Abdul Rajak, Dr.Jagadish Nayak, Dr. V.Kalaichelvi, Dr.Swarnalatha Dr.Vilas, Dr Raja Muthalagu, Dr.Sunil Thomas along with student volunteers conducted school students' workshop and the hands on experiments were demonstrated from all EEE labs on 16.04.2018 from 1 pm to 3.40 pm: Wheel-E:Bluetooth Controlled Arduino based Obstacle Avoidance Robot(Instrumentation Lab); Four way Traffic signal using Arduino UNO (Instrumentation Lab); Single Side Band Transmission and Reception (Communication Lab); Lights using IC 74LS74 (DD lab); Testing of ping Sensor using IC555 in Astable Mode (DD Lab); No Load Test on Three Phase Induction Motor (Electrical Machines Lab).
6. The following workshops were conducted in student preparation for job interviews.

Date	Faculty	Topic
24th March 2018	Dr Shazia Hasan	Digital Electronics and Microprocessors
	Dr Mary Lourde	Mathematics for Electrical Engineers - A network analysis perspective
	Dr Jagadish Nayak	Signal and Image Processing Applications
31st March 2018	Dr A.B. Chattopadyay	Applications of Electrical Machines and Drives
	Dr Gomathi Bhavani	Sustainable Buildings
	Dr Nilesh Goel	Solar Photovoltaic Systems
7th April 2018	Dr R. Swarnalatha	PLC, Conventional & Intelligent Controllers
	Dr V. Kalaichelvi	Process Control, Neural Networks and Fuzzy Logic for modeling and control
14th April 2018	Dr Sunil Thomas	Basic Electrical Engineering Concepts
	Dr Vilas Gaidhane	Analog Electronics
	Dr Abdul Rajak	Microelectronic Circuits, EM theory, communication Systems
17th March 2018	Dr Anand Kumar	Data Analytics
	Dr Anand Kumar/Dr Raja M	Comp. Networks(CCNA Based)

7. Dr. Anand Kumar, Dr.Jagadish Nayak, Dr.V.Kalaichelvi ,Dr.Vilas , Dr.Raja Muthalagu & Dr.Shazia organized a school students workshop along with student volunteers and the following hands on experiments were demonstrated from EEE department on.17.10.2018 from 1pm to 3.40 pm: Build your own drones (Power Electronics Lab and Signal Processing and Simulation Lab); Single Side Band Transmission and Reception (Communication Lab); Dancing Lights (Instrumentation Lab); Level Process Control (Instrumentation Lab).

8. Dr. Anand Kumar, Dr.Jagadish Nayak, Dr.V.Kalaichelvi, Dr.Vilas, Dr.Raja Muthalagu & Dr.Shazia along with student volunteers have actively involved for one day workshop conducted for school students on "Build and Control your own robot" The workshop was conducted in Signal Processing and Simulation Lab on Nov 3rd 2018 (Saturday) from 9 am to 3 pm.
9. International conference on Recent Advances in Fluid and Thermal Sciences 2018 (iCRAFT2018), Dec 5-7, 2018 (Dr Shashank Khurana, Dr R Udayakumar and Dr MVN Sankaram)
10. BITS Pilani, Dubai campus invites delegates from academia and industry to be a part of two days of International Conference on Recent Advances in Fluid and Thermal Sciences (iCRAFT 2018), which started from 5th December 2018 and ended on 7th December at their Dubai Campus.
11. The conference aimed to bring together the leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Mechanical Engineering. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solution adopted in the field of Mechanical Engineering. The Conference covered various topics of interest including Bluff Body and High-speed Flows, Microscale Transport, Hydraulics and Turbomachinery, Conduction and Convection, Renewable Energy, Alternate Fuels and Sustainability.
12. Over the course of 3 days, 5 Speakers of Eminence marked their presence, together with the presentation of 76 technical papers and 22 Posters, by delegates from key universities of USA, UAE, India, Russia, Saudi Arabia, and South Africa, with an overall participation of more than 120 delegates.
13. School Workshop, Discovering DNA conducted on 18th October, 2018

## 9. Research Publications

Faculty members have published several research papers in International and National Journals & conference proceedings. Annexure 4 & 5 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 6**.

## 10 Patents filed/published and granted during 2018

### Pilani Campus

1. Dr. Dalip Kumar and Mr. Gautam Patel. Sulfoximine Derivatives as Anticancer Agents Patent grant no. 296365. Patentee BITS Pilani.
2. Sachin Ulhasrao Belgamwar and Dr. Niti Nipun Sharma. Method of producing uniform mixture of copper and carbon nanotube in bulk for copper metal nanocomposite. Patent grant no. 296391. Patentee BITS Pilani.
3. N., Bhargava, A. and Panwar, J. Biosynthesis of ZnO nanoparticles. Patent grant no. 296944, Date of grant 21.05.2018. Patentee: Indian Council of Agricultural Research.
4. Low Cost Filtration System and Method for Fluoride Reduction from Water, U.S. Provisional Patent Application Serial No. 62/685,021, Inventors: Rajiv Gupta, Sheetal Sekhri, and Anupam Singhal, Filed on June 14, 2018 BITS faculty as inventor, Applicant: University of Virginia.
5. Pervious concrete filter and water purifying systems, India – Provisional Patent Application No.: 201811029517 Inventors: Rajiv Gupta, Prabhat Jha, Dated: August 06, 2018
6. A Reservoir System for Underground Water Storage, Application Number: 201711045481, Inventors: Rajiv Gupta and Keyur Kapadia, Application Filing Date: 7th March.2018.
7. Dr. Sushil Kumay Yadav, Prof. R. Mahesh, Prof. Vishal Saxena, "Non-enzymatic method for large scale isolation of  $\beta$ - casein from milk" Patent application number 201811018301, dated: 16/05/ 2018

### K.K. Birla Goa Campus

1. Srinivas Krishnaswamy, Sahu Parul, Ponnani Krishnaswamy Neelkanatan, Parivesh Chugh, Naval Kishore Pande. Process and System for routing LNG cold energy for desalinating sea water and power generation. Indian patent application no. 201811014242 Dated: April 13, 2018. Applicant: BITS Pilani and GAIL India Ltd.
2. Dr. Naresh Kumar, Namita Ashish Singh, Vanai Kumar Singh, Sunil Bhand and RK Mailk. A Process of preparing a spore inhibition based enzyme substrate assay for monitoring aflatoxin MI in milk. Patent Grant No. 292836, Date of Grant 13/02/2018 (Assignee ICAR, Govt. of India).
3. Prof. Utpal Roy, Rehan Deshmukh, Prof. Sunil Bhand. Indian Patent Application no. 201821027800 filed Aug. 2018 (Applicant BITS Pilani)
4. Dr. Nabarun Bhattacharyya Prof. Sunil Bhand, Dr A.K. Barooah, Mr Subhankar Mukherjee, Mr Abhra Pal, Mr Souvik Pal, Mr Devdulal Ghosh, Mr Subrat Sarkar, Mr Arun Jana, Mr Ravi Shankar, Dr Raktim Pal, Dr Sangeeta Brochetia. "A field protable uniform illumination Imaging biosensory system (UIIS) for remotely

screening chemical contaminants in agri based ssetup. Indian patent application no.201731004018A. Published: Indian Patent Office Journal No. 32/2018 dated 10.08.2018, 30684. Dr Sunil Bhand is inventor from BITS Pilani, Goa Campus.

5. Prof. Halan Prakash, ParakhPriyadarshini, Prasad Panzade Subramanian Gokulakrishnan, A BACTERICIDAL COMPOSITION FOR DISINFECTING WATER, Application no. 201711009974, 20 March, 2017, The Indian Patent Office, Filed in name of BITSHalan Prakash as lead investigator. Publication date 28/09/2018
6. Prof. Ashwin Srinivasan is a co-inventor on the following patents with TCS Research. 26 filings of these have resulted in different geographies.
  - Hybrid BILSTM-SIAMESE Network for FAQ CHATBOT
  - Deepreader System for Information Extraction From Images Via Conversational Interface and Database Querying
  - Method and System for Container Loading Sequence Generation using Reinforcement Learning (RL)
  - BILSTM-SIAMESE Network Based Classifier for Identifying Target Class of Queries and Providing Responses Thereof
  - Method and System for Extracting Information from Hand-Marked Industrial Inspection Sheets
  - Training Inductive Logic Programming Enhanced Deep Belief Network Models for Discrete Optimization

#### **Hyderabad Campus**

1. US Patent for a genetically engineered vaccine with a potential against tuberculosis and cancer. Title of the patent: Bacteria over-expressing c-di-amp and therapeutic methods; 2018 Patent No. WO2016130616A1 (<https://patents.google.com/patent/WO2016130616A1/en#patentCitations>). (Applicant Johns Hopkins University USA)

### **11. Awards and Honors to BITS Faculty**

#### **Pilani Campus:**

1. Dr. Shilpi Garg was awarded BITS Pilani University Immersion Award 2018 for visiting a university abroad. (University of Melbourne)
2. Feb 2018: Surbhit Johri, a FD student of Biological sciences achieved following titles:
  - a. Nexus graduate from US Embassy and University of Texas at Austin.
  - b. CEO & Co-founder GnomikX India Private limited.
  - c. Winner- Empresario 2018- Business Model Competition, IIT Kharagpur
  - d. Represented India at International Business Model Competition, Brigham Young University Provo, Utah, USA.
  - e. Winner- B-plan competition, IIIT Allahabad
  - f. Winner- Innopreneuers, Lemon Ideas, Nagpur
  - g. Awarded the Entrepreneurship grant from Rajasthan government.
  - h. Invited for talk at NSIT, Delhi.
  - i. Invited speaker at DITE, Delhi University.
  - j. Represented GnomikX at Maharashtra startup week, Mumbai and Entrepreneur Congress, New Delhi.
  - k. Awarded the long term incubation at the American Centre, New Delhi by the US Department of State.
  - l. Nominated for the 'Top 50 Healthcare Companies' award to be conferred at Smart Health Conference - Dubai 2018.
3. Sayan Basu and Bishakha Bambroo, M.E., Biotechnology students, have been selected to participate in summer school on Food security at Tel Aviv University. They have been given full waiver and accomodation to attend the school.
4. Rinki Gupta, M.E. student ranked 62 in CSIR-JRF test.
5. Pujitha Laxmi, M.E. student select fro Ph.D. study at University of Edinburgh, Whe was also selected for Ph.D. in Cambridge University
6. Dhulika Ravinuthala, a M.E. Biotechnology student, received the "Bajpai saha" award (cash award Rs.2000/- ) for the best student paper presentation International conference on BioMaterials, BioEngineering and BioTheranostics given by the "Society for Biomaterials and Artificial organs (India) in VIT university,Vellore.

7. Anubhuti Mishra, a fifth year FD student, received full scholarship to attend 'Grace Hopper Conference', a gathering of women from any science related discipline.
8. Vikram Pareek, Ph.D. student of the department, received EMBO (European Molecular Biology Organization) short term fellowship to work in the field of Food Microbiology at University College Dublin, Ireland for 3 months
9. Vikram Pareek, and Shraddha Mishra (Ph.D. students) have been awarded CSIR-SRF
10. Vikas Kumar, Ph.D. student was awarded ICMR-SRF.
11. Jayashree V P and Aarti Jha, ME, Biotechnology 2nd Year students have been selected to participate in the Novartis Biotechnology Leadership Camp (BioCamp) taking place in Hyderabad from September 23 to 26, 2018.
12. Vikram Pareek, a Ph.D. student, have been awarded with the ICGEB grant (100 % registration fee and accommodation) and DBT travel grant to attend the conference entitled "6th Central European Symposium on Antimicrobials and Antimicrobial Resistance (CESAR-2018)" held in Croatia from 19th to 22nd September, 2018. Topic of my poster was "Gene expression profiling of Escherichia coli K12 to unveil the silver resistance machinery".
13. Vikram Pareek, a Ph.D. student, awarded with 1st Best poster presentation award by the American Society for Microbiology and conference organization.
14. Nandita Sharma, a Ph.D. student, received 2nd Best Poster Award in International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), Nov 1-3. BITS Pilani, Pilani Campus
15. Prof. S.B. Singh was appointed as Chartered Engineer (INDIA) by Institution of Engineers on June 12, 2018
16. Prof. S.B. Singh Selected by NBA (National Board of Accreditation) as Evaluators of Technical Institutions, May 2018.
17. Prof. S.B. Singh was appointed as Editorial Board Member of Journal of Polymer Science and Engineering, March 02, 2018
18. Prof. Ajit Pratap Singh was appointed as commissioner to assess CETPs, STPs, and industrial pollution in Jojari river (Jodhpur to Balotra, Rajasthan) by the Hon'ble National Green Tribunal, New Delhi in March 2018.
19. Prof. Ajit Pratap Singh was also nominated as one of the expert in the Expert Selection Committee (ESC) for recruitment of Scientists in the Ministry of Environment, Forest and Climate Change.
20. Prof. Ajit Pratap Singh was appointed as an External Expert in Faculty Selection Committee of Various Universities such as Thapar University, Manipal University etc.
21. Prof. Ajit Pratap Singh was appointed as one of the Members of High Powered Expert Committee (HPEC) constituted by the Hon'ble National Green Tribunal, New Delhi to assist the Tribunal for setting influent standards required for the CETP in accordance to the Notification dated 1st January, 2016 and to take further remedial measures in October 2018.
22. Prof. Ajit Pratap Singh evaluated a PhD Thesis titled "Structural and Green Quotient Evaluation of Existing Buildings using Fuzzy Logic and Green Building Rating Systems" submitted to Uttarakhand Technical University, Dehradun in June, 2018.
23. Two of the graduating students (Mr. Kabil Bhargava and Ms. Isha Shyam Narsaria) have been awarded Prof. V S Rao Foundation "Best All Rounder Award" by BITS Pilani for the year 2018.
24. Dr. Pradipta Chattopadhyay received INSA Bilateral Exchange Award 2018 to visit Jerzy Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, Krakow, Poland, Europe from 4<sup>th</sup> June 2018-25<sup>th</sup> June 2018.
25. Prof. Arvind Kumar Sharma, External Expert for (BTech) Practical Examination/Viva-Voce, Dec 21, 2018, USCT, GGS Indraprastha University, Delhi.
26. Prof. I. R. Laskar received INSA visiting professor award
27. Chavi Mahala received best poster presentation award in the International Conference on Electrochemistry in Advanced Materials, Corrosion and Radiopharmaceuticals (CEAMCR-2018), February 15-17, BARC, Mumbai.
28. Mamta Devi Sharma received best poster presentation award in the International Conference on FRONTIERS AT THE CHEMISTRY–ALLIED SCIENCES INTERFACE" on 21-22 December 2018 is being organized at the Department of Chemistry, University of Rajasthan, Jaipur.
29. Pratik Narang, recipient of NVIDIA Academic GPU Grant, August 2018
30. NIKHIL RANJAN (2015B1A70773P) and Garv Sachdeva (2015B4A70551P), students of participated in International Hackathon "Hack.Moscow" in Russia during Oct 26-28, 2018 and have secured second rank in Clever Bots Voice Analysis Track.

31. SIDDHANT DANGI (2017A7PS0074P), student of Computer Science won 2<sup>nd</sup> prize in Easy Ride Prototype & Design Competition held from during 22<sup>-23</sup> January, 2018 organized by Vel Tec Rangarajan Dr. Sagunthala R & D Institute of Science and Technology and French Embassy in India as a part of Bonjour India.
32. PRATEEK AGARAWAL (2015B3A70713P), student of Computer Science selected for "Rajasthan Student Startup Program" an all-expense paid knowledge tour to San Francisco, California (USA) for 15 days. The Program was conducted by the government of Rajasthan during June - July in 2017
33. ROHIT K BHARADWAJ, (2017B4A70633P) received a scholarship Rs.80,000 from the INSPIRE-SHE Scholarship of Govt. of India, Ministry of Science & Technology, DST, New Delhi in 2017-18.
34. Prof. Arya Kumar was Expert Member in the Board of Studies Meeting of BML University to revamp the curriculum on 14th April 2018
35. Prof. Arya Kumar was Expert Member in the Board of Studies Meeting of NIIT University Neemrana on 18th April 2018.
36. Prof. Arya Kumar was Expert Member of Faculty Selection Committee, NIIT University, Neemrana.
37. Prof. Arya Kumar was Expert Member of Integrated MBA programme Committee Meeting at NIIT University for MBA Programme, 12<sup>th</sup> Oct, NIIT University Neemrana.
38. Prof. Arya Kumar was participated in the Expert committee meeting of BIRAC, DBT, Govt of India to review the progress of UICs on 11<sup>th</sup> Sept 2018.
39. Prof. Arya Kumar was participated in the Meeting organized by MHRD, Govt of India and AICTE on Institutiion Innovation Council (IIC) on 20<sup>th</sup> Nov 2018 in New Delhi.
40. Prof. Arya Kumar was participated in the CSR-Science Education Partnership Roundtable, organized by India CSR Network March 8, 2018, New Delhi.
41. Prof. Arya Kumar was participated in the CSR – Science Education Partnership Roundtable India CSR on 8<sup>th</sup> March 2018 at PHD Chambers New Delhi.
42. Prof. NVM Rao was appointed as Subject Expert and participated in the "Impact Evaluation of Technical Education Quality Improvement Programme Phase II (TEQIP-II)" – MHRD, GOI and IIT Delhi Project aimed to do an impact evaluation for all 191 institutions covered under TEQIP-II, 2017-18
43. Prof.NVM Rao Chaired a Session and Delivered a Talk on "The Role of Technology in the Higher Education Transformation" at League of Legends Conference held at Dasit Tane, Tahailand, Pattaya, on 02 Dec 2018.
44. Prof. NVM Rao delivered a talk on "Business Tranformation and Innovate to a Future State" at Business Tansformation and IT Executive Briefing Session at the Leela Palace Bangalore on 19-20 April, 2018.
45. Students of Economics and Finance Department won Best Contingent Award 2018 in the Annual National Economics Symposium of Lady Shri Ram College, Delhi University: Econvista 18, which was held from 18th to 19th January.
46. Dr. Chandrashekhar was appointed chairman, board of governors, and, chancellor of AcSIR, which is an institution of national importance created through an act of parliament. AcSIR is a research university that works through all the 38 laboratories of CSIR..
47. K. K. Gupta, EEE Department attended a Symposium on Frontiers of Development in Kigali, Rwanda; fully funded by Royal Academy of Engineering (RAEng), UK.during Feb 12-14, 2018.
48. Prof. Abhijit Asati received IEEE senior membership position, IEEE Region: R10 -Asia and Pacific, ection: Rajasthan Subsection
49. Prof. H.D. Mathur received IEEE senior membership position, IEEE Region: R10 -Asia and Pacific, ection: Rajasthan Subsection
50. Dr. Arnab Hazra and Mr. Prateek Bindra received SERB Interational Travel Fellowship to attend International Functional Nanomaterials and Nanodevice Conference, Vienna, Austria, Sept. 2-5, 2018
51. Best oral presentation award: Paper details: T. Gakhar, A. Hazra, Improvement of Methanol Sensing by GO loaded TiO<sub>2</sub> nanotubes array at room temperature, National Conference on Advanced Nanomaterials and their Applications (ANA 2018), Dec. 21-23, 2018, MNNIT, Allahabad, India (Presented by: T. Gakhar)
52. Student team led by Dr. Vinay Chamola (Students: Sombuddha chakravarty, Ashutosh sancheti and Aastha maingi won the third position (cash prize of 1.5 lakhs) at the Grand India IOT Innovation Challenge organized by Tata Communications on 16<sup>th</sup> December 2018, Pune. (<http://www.tata.com/media/releasesinside/tata-communications-cii-grand-india-iot-innovation-challenge>). Their team name was "Short Circuits" and the project was "designing a vehicle to grid (V2G) functionality enabled smart parking lot".
53. "Optimizing the Order of Modulation for Minimized Distortion in Green Communication Networks," Sarthak Jain, Sayan Rudra Pal, B. Sainath, 2018 International Conference on Electronics, Computing and Communication Technologies (IEEE CONECCCT), Bangalore, India, Mar. 2018. (won best paper award in Networking Protocols and Communication track)



54. Best Student Paper Award: Subham Mishra, Sourabh Verma, Somendra Prasad, Sushanta S. Bordoloi, Rupam Goswami, Kanjalochan Jena, Vikas Kumar Jha, K. Parvathi, "A Low Cost Charcoal Film Based Moisture Sensor: fabrication and computing", Third International Conference on Soft Computing and Applications (SOCTA 2018), NIT Jalandhar, Dec. 21-23, 2018.
55. Dr. Syed Mohammad Zafaruddin was nominated as an Associate Editor for IEEE Access.
56. Mr. Puneet Khatri got CSIR-SRF. He is working with Dr. K. K. Gupta in DST-WTI project "Soft Computing Framework based Integrated Multi Sensor Array for Water Quality Assessment: Targeting Fluoride as major parameter"
57. Choubisa, R. (2018). Turnitin Honorable Mention for Excellence in Academic Integrity by Turnitin Headquarters, USA.
58. Prof. Suresh Kumar is selected as an Individual Member of International Astronomical Union (IAU)
59. Prof A K Digalwar has been felicitated by Decision Sciences Institute USA for the contribution in ISDSI on 30th December 2018 at SPJIMR Mumbai
60. Prof A K Digalwar chaired technical session in 12th Annual ISDSI International Conference held at SPJIMR Mumbai during 27-30 December 2018
61. Prof A K Digalwar delivered a talk on sustainability assessment of manufacturing industries in the 6th Indo-German Workshop on Sustainable Manufacturing and Entrepreneurship during Sept 17-18, 2018 organized by the Indo-German Center for Sustainable Manufacturing a joint venture of BITS Pilani and TU Braunschweig Germany.
62. Prof A K Digalwar delivered an invited talk on Recent Advances in Manufacturing and how to select topics for project work at BNCOE Pusad on 29th September 2018.
63. Prof A K Digalwar delivered an invited talk on "Research Integrity" in National Workshop entitled "Promotion of Academic Integrity and Excellence and Prevention of Plagiarism" on 20th March 2018 organized by Bhartiya Institute of Engineering and Technology Sikar under TEQIP.
64. Prof. M. S. Dasgupta chaired a session at the 13th IIR-Gustav Lorentzen Conference on Natural Refrigerants, Valencia, SPAIN 18-20th June 2018.
65. Prof. BK Rout was invited by DRDO, Hyderabad (R.C.I.) to review a project on "Hemispherical Resonant Gyro for Missile applications" on 5th October 2018.
66. Prof. BK Rout was invited as a Resource Person to the Faculty Development Programme on "Advanced Optimization Techniques" held at MNIT, Jaipur held between 12 October to 21 October 2018. Conducted under the aegis of Ministry of Information and Technology NewDelhi.
67. Prof. BK Rout chaired a Session of the Conference on "Artificial Intelligence, Wargaming and Robotics' on 31st Oct and 1st Nov. 2018, at Military College of Telecommunication Engineering (MCTE), Mhow, Indore, MP India.
68. Prof. BK Rout presented and chaired at the conference "Use of Artificial Intelligence for Data processing in Railways" Organized by Indian Railways, New Delhi on 24th March 2018.
69. Prof. BK Rout attended Board of Studies meeting held on 26th Dec 2018 at Banasthali University, India.
70. Prof. BK Rout became the task force member of a committee identified by Railway Board to look into the AI applications in Indian Railways on 1st May 2018.
71. Prof. M. S. Dasgupta chaired two sessions at the IIR Conference on Sustainability and the Cold Chain Beijing, China 06-08 April 2018.
72. Jayashree Mahesh and Anil K Bhat, received the Best Paper Award for Innovative Research for a paper titled 'Educating Generation Z- An Ethnographic Insight for Managing and Organizing Higher Education Institutions in the Indian Context', presented at the Second Conference of Aston India Centre for Applied Research (AICAR), Aston University, Birmingham, UK during August 31 – September 1, 2018.
73. Dr Neetu Yadav, Assistant Professor, Department of Management has been awarded Paul R. Lawrence fellowship for participating in 2018 annual meeting of the North American Case Research Association that was held in Florida, USA during Oct 04-06, 2018. She was one of a group of ten Paul R. Lawrence Fellowship recipients who have been offered this fellowship around the world.
74. Sandeep Dutta participated and was one of the finalist in E-Summit 2018 organized by FMS Delhi 17th Feb. ,2018
75. Sandeep Dutta Runner up, in Business Plan Competition organized by IIM Ahmedabad, 2nd-6th April 2018
76. Sanya Khanna, winner of Interview Question of the year 2017, organized by Pinterview, 13- 25 January 2018
77. Akreti Tiwari secured Second Position, Go On-site Interface, organized by BITS Pilani, 24th March 2018

78. Akreti Tiwari, winner Solo Blast Dance organized by BITS Pilani, April 2018
79. Bhuwan Sangwan won silver in swimming competition in BOSOM, 2018, organized by BITS Pilani
80. Bhomendra Singh Rathore won silver in Snooker in BOSOM, 2018, organized by BITS Pilani
81. Rajat Sharma won silver in Badminton in BOSOM, 2018, organized by BITS Pilani
82. Md. Fuaad Khan won Gold in Carrom in BOSOM, 2018, organized by BITS Pilani
83. Ms. Dipti Chandra, Ms. Varsha Gupta and Ms. Sree Ranjani participated annual festival Agnitraya 5.0 organized by IIM Kashipur
84. Shubham Jain and Bhuwan Sangwan won the best "Startup and Business Model Innovation Competition" in 6<sup>th</sup> INDO German Workshop on "Sustainable Manufacturing and Entrepreneurship" organized by BITS Pilani and Technische Universität Braunschweig, Germany.
85. Dr. Anil Jindal received Eudragit Award (2017) for the best research paper entitled "Development of efavirenz loaded solid lipid nanoparticles: Risk assessment, quality-by-design (QbD) based optimisation and physicochemical characterization" in Indian region by Evonik Health Care; Award comprises of €1,500 cash prize and a certificate.
86. Dr. Vaibhav Dixit has been awarded EMBO short-term fellowship to visit University of Manchester, UK in 2018.
87. Dr. Gautam Singhvi has been selected as Guest editor for thematic issue, "Development of nanoformulations using Quality by Design (QbD) approach" Nanoscience & Nanotechnology – ASIA, Bentham Science USA.
88. Dr. Gautam Singhvi has been selected as 'Bentham Ambassador' for year 2018-2019 by Bentham Science Publisher, USA.
89. Prof. Rajeev Taliyan visited Taipei Medical University under University Exchange Program from 18 May - 16 July, 2018.
90. Mr. S N C Sridhar (PhD scholar working with Dr. Atish T. Paul) has been awarded the "Dr. Shyambalaji Achuthan Award for Excellence in the field of Pharmacology" for his research work entitled "Conophylline - A Potential Pancreatic Lipase Inhibitory Lead from *Tabernaemontana divaricata*: In silico, Synthesis and In vitro Studies" at the 1st National Biomedical Research Competition (NBRCOM-2018), held at the All India Institute of Medical Sciences (AIIMS), Rishikesh on October 15, 2018. He has also received 10<sup>th</sup> prize in Poster session under the category of AYUSH for this topic.
91. Mr. Ginson George (Ph.D. scholar working with of Dr. Atish T. Paul) received second prize in poster presentation on his paper entitled, "Development of Anti-Obesity Tea Polyphenol- Orlistat Combination by Synergy Guided Fractionation Approach" at the 6th International Biennial Conference on "New Developments and Drug Discovery from Natural Products and Traditional Medicines" at NIPER, S.A.S. Nagar, November 15-17 2018, Punjab, India.
92. Mr. Sridhar SNC (PhD scholar with Dr. Atish T. Paul) and Mr. Saurabh Sharma (PhD scholar with Dr. Deepak Chitkara) have been selected for CSIR-SRF (2017-2018), while Mr. Vajirbhai Mahebubhai Malek (Ph.D. scholar with Dr. Anil B. Gaikwad) received ICMR-SRF fellowship.
93. Mr. S N C Sridhar (PhD scholar working with Dr. Atish T. Paul) has received SECOND PRIZE in Oral session for the topic entitled "Conophylline - A Potent Pancreatic Lipase Inhibitor from *Tabernaemontana divaricata*: Molecular Modelling, In Vitro Studies and Analytical Method Development" under the theme "Trends in Standardization and Validation of AYUSH Drugs (OSVA)" of International Conference on Challenges for Global Competitiveness of AYUSH and Natural Products and IASTAM Oration Award Function 2018, held at Delhi Pharmaceutical Sciences and Research University during February 2-4, 2018
94. Mr. Ginson George (PhD research scholar working with Dr. Atish Paul) has received BEST POSTER AWARD for the topic entitled "Synergy Approach Based Pancreatic Lipase Inhibitory Effects of Selected Indian Medicinal Plants as Anti-obesity Agents" under the theme "Advances in Pharmacological Evaluation of Herbal Drugs/Products (P-PEH)" of International Conference on Challenges for Global Competitiveness of AYUSH and Natural Products and IASTAM Oration Award Function 2018, held at Delhi Pharmaceutical Sciences and Research University during February 2-4, 2018
95. Dr. Sushil Kumar Yadav (Ph.D. Scholar under supervision of Prof. R. Mahesh and Prof. Vishal Saxena) received Best Poster Award for his work entitled, "Milk derived peptide (BCM7) induced histopathological changes in rat bone" at International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), at BITS, Pilani, Pilani Campus, November 1-3, 2018.
96. Mr. Karan Kumar (Ph.D. Scholar under supervision of Prof. S. Murugesan) received second prize in the category of technical oral presentation for his paper entitled, "3-Styryl-4H-Chromen-4-One Derivatives as Novel Cytotoxic Agents" at National Conference on Emerging Trends in Computational Drug Discovery organized by KIET Group of Institutions, August 16-17, 2018, Ghaziabad, India.
97. Mr. K V Krishna (Ph.D. scholar working with Prof. R N Saha and Dr. Sunil K Dubey) won received Travel Grant fellowship from Alzheimer's Association for presenting his paper entitled, "Synthesis and Pre-Clinical

Neuroprotective Potency of Memantine-Alpha Lipoic Acid Conjugate in Cognitive Disorders" at International Conference (AAIC)-2018, July 22-26, 2018, Chicago, Illinois, United States.

98. Ms. Nisha Sharma (Ph.D. Scholar under supervision of Prof. Anil B Gaikwad) won Travel Grant Award for attending "International Symposium on Molecular Medicine (ISMM-2018)" organized by Department of Molecular Medicine & Biotechnology, December 15 2018, SGP GIMS, Lucknow.
99. Mr. Siddharth Uppal, B. Pharm student (4th year) has been selected to pursue his Thesis (Honors) at Mechanobiology Institute, National University of Singapore (NUS) in Prof. Henry Yu's lab on "Understanding Mechanobiology of cells in response to topographical cues". He will be getting a monthly stipend of 1000S\$ for his contribution to their research group.
100. Mr. Siddharth Uppal, receives Institute Merit Scholarship (40% of academic tuition fee waiver) granted to only top 2% students of the whole batch (~900 students)
101. Mr. Siddharth Uppal (B.Pharm, 3rd year) has been selected for the prestigious Khorana Program for Scholars 2018.
102. Mr. Shakti Nagpal (M. Pharm 4<sup>th</sup> SEM, Pharmaceutics) received Best oral presentation award for his talk, "Challenges of Drug Development and Regulations in a Global Environment" at 2nd National Conference of Advanced Institute of Pharmacy (NCAIP-2018), April 14, 2018.
103. Mr. Suyash and Mr. Luvkush (B. Pharm students) secured 2<sup>nd</sup> position in poster presentation for their paper entitled, "Bioequivalence - A Statistical approach through R" at 10th NIPER- Raebareli Symposium on Nano based drug therapy for Neurodegenerative Disease, March 27-28, 2018, NIPER - Raebareli.

## Hyderabad

1. Prof. Kumar Pranav Narayan received "Best Professor in Biological Sciences" Dewang Mehta National Education Award (Regional Round), at Taj Banjara, Hyderabad on 16<sup>th</sup> November, 2018.
2. Prof. Kumar Pranav Narayan was invited as Chief Guest in National Seminar on 'Food Safety, Quality and Policy' on 28th and 29th June 2018 in the Department of Microbiology, Government Degree College, Gajwel Ruchi Jain Dey
3. US Patent for a genetically engineered vaccine with a potential against tuberculosis and cancer. Title of the patent: Bacteria over-expressing c-di-amp and therapeutic methods; 2018 Patent No. WO2016130616A1 (<https://patents.google.com/patent/WO2016130616A1/en#patentCitations>)
4. Ramalingaswami Fellowship, Awarded 2017; Sanctioned 2018.
5. N.Rajesh, Invited as expert faculty to assess the performance of analytical chemistry division at NCCCM, DAE, Hyderabad, March 22, 2018.
6. J. Subbalakshmi selected as Distinguished Woman in Science by Venus International Foundation.
7. Amit A. Vernekar, Outstanding and recognized reviewer citation by Spectrochimica acta part A: molecular and biomolecular spectroscopy, Elsevier publishers, Netherlands.
8. Amit A. Vernekar, invited as a chief guest for the second chemistry news letter release, Dnyanprassarak Mandal's college, Assagaon Goa.
9. Amit A. Vernekar, invited as a chief guest for the distribution of cheques to the needy and meritorious M.Sc. students, chemistry department faculty and alumni association, Goa University.
10. Amit A. Vernekar, felicitated for the excellence in science research by Deepotsav committee, Sanquelim Goa.
11. Amit A. Vernekar, invited to join the selection committee of the prestigious "Reaxys Ph.D. Prize" (international).
12. Prof. Komaragiri Srinivasa Raju has received following Award: Associate Editor, ISH Journal of Hydraulic Engineering, Taylor & Francis
13. **Guest Editor**, Special Issue on "Soft Computing in Water Resources Engineering, ISH Journal of Hydraulic Engineering, Taylor & Francis, 24(2), June 2018, pp. 115-266. (Special Issue Link) (Cover Page, Foreword and Contents)
14. **h-index: 19** and Citations **1664** as on 29.07.2018 [Set of the Researcher's Most Cited Papers and the Number of Citations That They Have Received in Other Publications; Source: Google Scholar]
15. Researchgate Score **27.25** and Publications Reached **6869** Reads (as on 29.07.2018) (Source: ResearchGate)
16. 2018: Prof K Srinivasa Raju secured 1st position (Best Oral Presentation) for the Paper titled "Evaluation of RainfallRunoff Model Structures in R Platform: Case Study", National Symposium on Emerging Environmental Challenges: An Engineering Approach (EEC 2018), jointly organised by CSIR-National Environmental Engineering Research Institute (NEERI), Hyderabad Zonal Centre and Department of Chemical Engineering, BITS Pilani, Hyderabad Campus (Venue: BITS Pilani, Hyderabad Campus, India), February 16, 2018. Authors for the paper are Sriman Pankaj B, K. Srinivasa Raju.

17. Dr A Guharay was offered the International Travel Grant (ITS) from DST, Govt. of India for presenting paper in International Foundations Congress Equipment Expo (IFCEE 2018) in Orlando, Florida in March, 2018.
18. Dr Bandhan Majumdar was awarded with the GCRF (Global Challenge Research Fund) award as ODA-Partners from India with Cardiff university (May, 2018)
19. Dr. Bahurudeen A. and Dr. Arkamitra Kar has received following Award: OPERA Award (Outstanding Potential for Excellence in Research and Teaching (2015-2020)
20. Prof. G Geethakumari, Elevated as Senior Member, IEEE, from February, 2018.
21. Dr. Subhrakanta Panda, Best Paper Award, 6th International Conference on Applied Science Engineering and Technology (ICASET-2018), (IFERP, Pondicherry, India, 29th – 30th December, 2018
22. CSIS student team, KPIT Best Innovation Award at the Grand Finale of the Smart India Hackathon-2018, organized by ISRO at its Ahmedabad Center in March 2018. The team won a cash award of Rs. 10,000 along with other prizes from ISRO, Govt.of India and the Government of Gujarat.
23. Computer Science Association, Best Technical Association for the year 2018.
24. Souvik Kundu, Best Paper & Presentation, ICNSE 2018, Venice, Italy in 2018.
25. Souvik Kundu, Session Chair, ICNSE 2018, Venice, Italy in 2018.
26. Manish Narwaria, Best Poster Award, IEEE HiPC 2018, Bengaluru, India
27. Manish Narwaria, Winner of Salient360 Grand Challenge, Received first prize of 800 USD at IEEE ICME 2018, Salient360 Grand challenge
28. Sanket Goel, Associate Editor, IEEE Sensors Journal,
29. Rajesh Kumar Tripathy, Received Honorarium of 120 USD from Elsevier, Received Honorarium of 120 USD from Elsevier for reviewing a book proposal.
30. Shaikshavali Chitraganti, Outstanding reviewer Award, Journal of the Franklin Institute, Elsevier, 2018
31. Shaikshavali Chitraganti, Senior member, IEEE, Awarded in 2018
32. Runa Kumari, Session Chair, AESPC 2018, Bhubaneswar, India
33. Bheemeshwar Reddy A.- Travel award from the Population Association of America to attend the Annual Meeting of the Population Association of America, April 26 to April 28, 2018, in Denver Colorado, USA.
34. Durgesh Chandra Pathak: Certificate of excellence in Reviewing- in recognition of an outstanding contribution to the 2018 Global Conference on Business and Economics organized by the Association of North America Higher Education International.
35. Sudatta Banerjee: Certificate of excellence in Reviewing- in recognition of an outstanding contribution to the 2018 Global Conference on Business and Economics organized by the Association of North America Higher Education International.
36. Prof. B. Mishra is a member of International Advisory Committee for International Conference on Physical Interpretation of Relativity Theory, Department of Physics, Bauman Moscow State Technical University, to be held at Moscow, 1<sup>st</sup> – 5<sup>th</sup> July, 2019.
37. Dr Manish Kumar was awarded Open Arms Grants (Geographical Region: Asia & Pacific) sponsored by IMPA – Instituto de Matemática Pura e Aplicada and SBM – Sociedade Brasileira de Matemática, with a generous contribution by IMU – International Mathematical Union to attend the International Congress of Mathematicians (ICM) during 1<sup>st</sup> – 9<sup>th</sup> August, 2018 at Rio de Janeiro, BRAZIL.
38. Dr T.S.L. Radhika received a certificate of Excellence in Reviewing by the Journal of Advances in Mathematics and Computer Science.
39. Ms. Aditi Sharma (2015B4A70701H) completed a summer research internship under the DAAD scholarship at TU Kaiserslautern, Germany during 20<sup>th</sup> May – 20<sup>th</sup> July, 2018 under the supervision of Prof. Nicolas Gauger. The topic of work was 'Gradient Enhanced Support Vector Regression for Statistical Learning'.
40. Mr. Aditya Mishra (2016B4AB0532) visited Malaysia during 16<sup>th</sup> – 20<sup>th</sup> August, 2018 for HPAIR (Harvard project for Asian and international relations) Asia conference.
41. Mr. Vibhu Aggrawal (2018) pursued off campus thesis under the supervision of Prof. Jayaram K Udupa, University of Pennsylvania, USA on 'Automatic localization of body regions on CT and PET/CT images via deep learning' during July - December, 2018.
42. Ms. Ahana Ghosh (2018) pursued off campus thesis under the supervision of Prof. Adish Singla, Max Planck Institute of Software Systems, Germany on 'Adversarial Reinforcement Learning' during 8<sup>th</sup> June – 30<sup>th</sup> November, 2018.

43. D. Sriram, awarded with "Most outstanding researcher award 2018", by career360, received from Shri. Prakash Javadekar, Hon'ble Union Minister of HRD, Govt. of India.
44. P. Yogeewari, Recipient of Outstanding Research Faculty Award for the academic year 2017-18 certified by Careers 360 in the Pharmacology, Toxicology and Pharmaceutics discipline as one of the top 10 knowledge producers in India.
45. Arti Dhar, won 2nd prize in poster competition held at 43rd annual meeting of Indian Society of Human Genetics CCMB Hyderabad (March 12-14).
46. Nirmal J., received with ICMR International travel grant for attending ARVO 2018 conference in USA.
47. Sudeep Kumar G. (Post-doctoral fellow) received DST travel award for presentation on "Corneal penetration of functionalized poly(N-isopropylacrylamide) (PNIPAM) polymers" at ARVO Annual Meeting, 27th - 29th April, 2018, Hawaii, USA.
48. Samrun Nessa (PhD student) presented paper (Title: GPS-Aided Study of Larval Indices of Aedes aegypti and Analysis of Risk of Dengue Outbreak) in "Interdisciplinary Conference on Healthcare and Technical Research", Manipal and won First Prize under Healthcare category.
49. Ridahunlang Nongkhaw (PhD student) received the best oral presentation award in Indian Eye Research Group (IERG) annual meeting (ARVO, Indian chapter), Hyderabad for the paper "Transporter Targeted Ocular Delivery system to improve ocular bioavailability of drugs".
50. Prof. Aranya Bhuti Bhattacharjee was appointed as "German Academic Research Ambassador" at DAAD Research Ambassador Meet, 22<sup>nd</sup> September 2018, New Delhi.

### **KK Birla Goa Campus**

1. Prof. Kundan Kumar Joined Editorial Board Member of Journal PLOS ONE.
2. Rehan Ahmed Deshmukh awarded the ICMR-Senior Research Fellowship under the supervision of Prof. Uptal Roy.
3. Jiss Maria Louis awarded Women Scientist under WOSA scheme by DST under the supervision of Prof. Indrani Talukdar.
4. ZANTYE PRANJITA GANESH awarded the DST- CEFIPRA Fellowship For ESONN Programme 2018, for undergoing training in the field of Nano-sciences and Nanotechnology to be held at Grenoble, France (Aug-Sept 2018) under the supervision of Prof. Meenal Kowshik.
5. Dr. Bhakti Salgaonkar (CSIR RA), student from Prof. Judith Bragança's group, received BIRAC (Biotechnology Industry Research Assistance Council) SRISTI (Society for Research and Initiatives for Sustainable Technologies and Institutions) Appreciation Award for her work entitled "Polyhydroxyalkanoates Production by Microorganisms from Sustainable Resources" carried during the Biotech Innovation Ignition School-3 (BIIS-3) on "Opportunity for Women biotechnology students to work on grassroots innovations and microbial diversity" at Ahmadabad, Gujarat, India from April 30 to May 29, 2018.
6. Dr. Bhakti Salgaonkar (CSIR RA), student from Prof. Judith Bragança's group, received First best Oral Presentation Award for the paper entitled "Polyhydroxyalkanoates Production by Extremely Halophilic Archaea from Sustainable Resources" at International Conference on "Microbial Technology for Better Tomorrow (ICMTBT-2018)", Organized by Dr. D. Y. Patil Arts, College, Pune, Maharashtra, India in association with Microbiologist Society, India", from 17-19<sup>th</sup> February, 2018.
7. Chitra Nair awarded the ICMR-Senior Research Fellowship under the supervision of Prof. Dibakar Chakrabarty.
8. Starlaine Mascarenhas awarded the ICMR-Senior Research Fellowship under the supervision of Prof. Anasuya Ganguly.
9. Joseph Fernandes awarded the ICMR-Senior Research Fellowship under the supervision of Dr. Arnab Banerjee.
10. Avjit Das awarded the CSIR-Senior Research Fellowship under the supervision of Dr. Malabika Biswas
11. Priya Sharma awarded the Summer School on Resource Recovery and Reuse by International Water Management Institute for undergoing training in the International Water Management Institute to be held at Colombo, Srilanka (July 22 – 28, 2018) under the supervision of Prof. Srikanth Mutnuri.
12. Anumeha Vats awarded the Summer School on Resource Recovery and Reuse by International Water Management Institute for undergoing training in the International Water Management Institute to be held at Colombo, Srilanka (July 22 – 28, 2018) under the supervision of Prof. Srikanth Mutnuri.
13. PRAJAKTA PATIL awarded the Bill & Melinda Gates Foundation for undergoing training of Teachers programme in Sanitation at IHE Delft Institute for Water Education to be held at Delft, Netherlands (28th May -30th November 2018) under the supervision of - Prof. Srikanth Mutnuri

14. Mansi Baveja who has won the 1st Prize in oral presentation at the NATIONAL CONFERENCE ON BIOACTIVE MARINE NATURAL PRODUCTS AND THEIR THERAPEUTIC APPLICATION at The Satyabhama Institute of Science and Technology, Chennai, from 24-25th January 2018 under the supervision of Prof. Dibakar Chakrabarty.
15. Mansi Baveja who has won the 1st prize in poster presentation in life science category at the National Biomedical Research Competition 2018 held at AIIMS Rishikesh on 15th October 2018, under the supervision of Prof. Dibakar Chakrabarty.
16. Mansi Baveja who has won the 4th prize in poster presentation in Innovative Ideas and Patents Category at the National Biomedical Research Competition 2018 held at AIIMS Rishikesh on 15th October 2018, under the supervision of Prof. Dibakar Chakrabarty
17. Jiss Maria Louis for Prof. N.J. Chinoy best (second position) poster presentation award under the supervision of of Dr. Indrani Talukdar
18. Joseph Fernandes for Prof. N.J. Chinoy best (second position) oral presentation award under the supervision of Dr. Arnab Banerjee.
19. Pinky (2015PHXF0427G), a Research Scholar at the Biological Department working under the supervision of Prof. Rajesh Mehrotra has been selected for the EMBO short-term fellowship. She will be visiting Prof. Tony Miller's lab., at John Innes Centre, Norwich starting January 2019 to March 2019 for her research work.
20. Mansi Baveja published Newspaper articles in Times of India And Machine Times about bioactive potential of starfish in India under the supervision of Prof. Dibakar Chakrabarty.
21. Nupur Kumar, 6th prize in poster presentation in Medical Sciences category at National Biomedical Research Competition 2018 held at AIIMS Rishikesh on 15th oct 2018
22. Prof. Ranjan Dey became an Elected Fellow of the Royal Society of Chemistry (FRSC), U.K.October 2018.
23. Prof. Narendra Nath Ghosh received Visiting Scholar Award and visited Department of Chemistry of University ofTartu, Estonia during 29th September -10th October 2018 to teach a course Nanomaterials and Nanotechnology and their applications in Analytical Chemistry for EACH - Excellence in Analytical Chemistry (Erasmus Mundus Joint Master Degree programme).
24. Prof. Narendra Nath Ghosh has been appointed as a member of the editorial board of journal "Advances in Nanomaterials", publish by Science Publishing Group, USA.
25. Prof. Halan Prakash received Outstanding reviewer of Journal of Hazardous Materials, Chemical Engineering Journal, and Journal of Environmental Chemical Engineering
26. Best Poster Award (Second Prize) Krishna Kumari Swain, R. Balasubramanian, Prof.Sunil Bhand "Development of an enzyme coupled nanoprobe for analysis of Hg<sup>2+</sup>, Cd<sup>2+</sup> and Pb<sup>2+</sup> ions; applications to drinking water and fish" in a two-day DAE-BRNS sponsored symposium on "Analytical Science at NCCCM: A Journey over 25 Years" NCCCM/BARC, Hyderabad, India 30<sup>th</sup> Nov-1<sup>st</sup> Dec, 2018.
27. Ms. Harsha Vasudev, Ph.D. Student working under the guidance of Dr. Debasis Das from the CSIS, BITS Pilani, Goa Campus, selected and participated as INDIAN DELEGATE in 3rd BRICS YOUNG SCIENTIST CONCLAVE which was held on 25 -29 June 2018, in Durban, South Africa.
28. Mr. Trupil Limbasiya, Ph.D. Student working under the guidance of Dr. Debasis Das from the CSIS, BITS Pilani, Goa campus selected and participated as Asiacypt 2018( Core Ranking: Core A) Stipend Award( USD 900) in the 24th Annual International Conference on the Theory and Application of Cryptology and Information Security( Asiacypt 2018) which was held on 2 Dec 2018 – 6 Dec 2018, Brisbane, Australia.
29. "Session Chair" (Track 2: Towards Smart City Services and Infrastructures Session ) in the IEEE The 15th IEEE International Conference on Ubiquitous Intelligence and Computing (IEEE UIC 2018) October 7-11, 2018, Guangzhou, China (Core Ranking: Core B).
30. "Session Chair" (E2: Vehicular Networks Session ) in the IEEE 32nd International Conference on Information Networking (ICOIN 2018) January 10-12, 2018, Chiang Mai, Thailand(Conference Ranking: B1).
31. Prof Neena Goveas has become a Senior Research Associate of the Abdus Salam International Center for Theoretical Physics (ICTP), Trieste, Italy. This appointment is for 6 years beginning from 2019.
32. Ms.Nipun Sood, an undergraduate CS&IS student received a student travel grant award of 600 AUD for presenting his paper in IEEE ITNAC, Australia. Nipun was working as a project student under the guidance of Dr.Sreejith in the area of wireless sensor networks
33. Mr. Tirtharaj Dash, Ashwin Srinivasan et al. won the Best Research Paper Award under student category from Springer's Machine Learning Journal in the 28th International Conference on Inductive Logic Programming (ILP-2018) (Award: Certificate and USD 750).
34. Mr.Tirtharaj Dash won the a Travel Grant of 800 EURO from The European Association for Artificial Intelligence (EurAI) to attend Summer School on Statistical Relational AI (ACAI) and ILP-2018, Ferrara, Italy during August 27-31, 2018.

35. Best Paper Award was conferred to Prabhdesai, R., Dr.Prasad, Ch.V.V.S.N.V for a paper entitled "Determining the Impact of Entrepreneurial Orientation on SME Alliance Formation," presented at International Conference of Entrepreneurship and Family Business, IIT Bombay, January 08-10, 2018.
36. Prof. Debasis Patnaik has served as a Member, Scientific Committee, 2nd International Conference, ICED, TIIKM, Colombo Sri Lanka and was Conferred Certificate for Outstanding Reviewer Award in June 2018.
37. Prof. Debasis Patnaik has been Conferred with The Bharat Jyoti Puraskar 2018 by the Best Citizen Publishing House in March 2018.
38. Prof. Debasis Patnaik served as the Chairman of Technical Session on Ecological Imbalances and Bio-Diversity and Role of Youth in the National Conference on 'Ecological Imbalances in India' in College of Arts and Commerce, Gadag, Karnataka on October 6, 2018.
39. Dr Sukumar Vellakkal has been appointed as Academic Editor of the journal PLOS ONE (an international journal indexed in Scopus and Web of Science with SCI Impact Factor of 2.766), published by the Public Library of Science, the USA.
40. Dr Sukumar Vellakkal has been appointed as the member of the scientific committee for for the forthcoming (July 2019) World Congress of the International Health Economics Association (iHEA) in Basel (Switzerland).
41. Dr Sukumar Vellakkal has served as a Member, Scientific Committee, 2nd International Conference, ICED, TIIKM, Colombo Sri Lanka
42. Prof. Rajorshi Sen Gupta served as Member of Scientific Committee, 2nd International Conference, ICED, The International Institute of Knowledge Management TIIKM, Colombo Sri Lanka.
43. Prof. Aswini Kumar Mishra served as Member of Scientific Committee, 2nd International Conference, ICED, The International Institute of Knowledge Management TIIKM, Colombo Sri Lanka.
44. Prof. Aswini Kumar Mishra has been appointed as an Associate Editor of International Journal of Rural Management, A Prof. Sage publication in association with Institute of Rural Management Anand (A SCOPUS Indexed Journal)
45. Prof. Dipankar Pal, Senior Member IEEE, has been nominated Executive Member of IEEE Bombay Section (under R-10)
46. Prof. M. K. Deshmukh, has been Invited Member of International Organizing Committee and Session Chair for 5th, International Conference on Energy and Power Systems Engineering (CPESE-2018) at Nagoya University, Nagoya, Japan, September, 19-21, 2018.
47. Mr.Patil Siddhant Vitthal (2015A8PS0475G) has been awarded the prestigious Mantra - Innovator of the Year 2017-18 Award
48. Mr.Patil Siddhant Vitthal (2015A8PS0475G) Appointed as the Chair Person of IEEE - International Conference on Devices, Circuits and Systems held during 16th - 17th March 2018;
49. Mr.Anirudh Srinivas (2015B4A30407G) Received 2nd runners up in a competition held in Bangalore by Udhyan Learning Foundation to design a cash-register for micro-entrepreneurs with a budget constraint of Rs 500.
50. Dr. Rajiv Kumar Chaturvedi - Elected member of global 'Commission on Ecosystem Management' in 'The International Union for Conservation of Nature (IUCN)' for the Quadrennial Period 2017-2020
51. Dr. Amit Setia and Dr. Shilpa Gondhali got Ahlfors seminar award-2018 at the Department of Mathematics, BITS Pilani K. K. Birla Goa campus.
52. Dr. Ranjit S Patil, Reviewer of Advances of Mechanical Engineering Journal of Sage Publishers (Impact factor 0.848, SCI, SCOPUS Indexed Journal)
53. Prof. Vikas Chaudhari , Reviewer for International Journal of Materials Engineering Innovation (IJMATEI) (23rd June to 27th July 2018)
54. Prof. Vikas Chaudhari, Became Secretary of Indian Institute of Metal (IIM) Goa Chapter in July 2018. Dr. Kiran D Mali, ASME Member
55. Prof. Arun V Kulkarni is now the Vice - President of the Western Zone of the IAPT (Indian Association of Physics Teachers) comprising of 4 of the Western states in India viz. Goa, Maharashtra, Gujarat and Rajasthan.
56. 7 students from our department, Ms. Vibha Balaji, Mr.Ankit Agarwal, Mr.Pawan Chawhan, Mr.Chiranjeevsinh Jadeja, Mr.Raghav Arora, Mr.Parth Padia and Mr.K. Karthik were the national level toppers in the National Graduate Physics Examination (NGPE) exam conducted by IAPT.
57. The following students were the recipient of the below-mentioned Fellowships:
  1. Charpak Scholarship - Mr. Rachith Aiyappa

2. KVPY - Mr. Alok Gokhale, Mr. Ashwin Kumar K
3. GN Ramachandran Fellowship for Young Scientists 2018 - Ms. Ish Mohan Gupta

### Dubai Campus

1. Dr. B. G. Prakash Kumar acted as an international advisory committee member for First International Conference on Energy and Environment: Global Challenges (ICEE - 2018), 9-10 March 2018, National Institute of Technology Calicut, India.
2. Dr. Bharat B. Gulyani was invited to deliver a keynote address "Data Mining Techniques: Applications in Chemical Engineering " at 3<sup>rd</sup> Student Research Colloquium on "Advances in Engineering & IT" on 11<sup>th</sup> & 12<sup>th</sup> April, 2018, at the Manipal Academy of Higher Education, Dubai.
3. Dr. Nishant Pandya invited as session chair at 3<sup>rd</sup> Student Research Colloquium on "Advances in Engineering & IT" on 11<sup>th</sup> & 12<sup>th</sup> April, 2018, at the Manipal Academy of Higher Education, Dubai.
4. Dr. Eldhose Iype was invited as Session Chair in International Conference on Recent Advances in Fluid & Thermal Sciences (ICRAFT 2018), BITS Pilani, Dubai Campus, 5-7 Dec 2018.
5. A team of four chemical engineering students (Abinaya, Krishna, Jithin and Sripriya), mentored by Dr. B.G. Prakash Kumar have secured the first runner up position in the category "Vision of the Future" for their proposal of "Black Gold from Vegetable Waste" conducted by the Dubai Municipality, 8<sup>th</sup> February 2018. A prototype compost bin was developed to reduce our housing ecological footprint.
6. One ongoing project: interdisciplinary project involving four students including one Chemical Engineering student Ms. Anketha Kanna has won the ExpoLive University Innovation Programme (Prize of AED 25,000), Mentor: Dr. Shashank Khurana (Faculty, Mechanical Engineering).
7. Urvashi Satwani is appointed as AIChE Middle East Liaison and later handed the position of Chair of the AIChE Sister Chapter Subcommittee.
8. Four teams were accepted into the final round of the Undergraduate Research Competition (URC), Abu Dhabi.
9. Urvashi Satwani was the member of a team that was Finalists at the Dubai Regionals of the HULT Prize 2018, where the theme was "Harnessing the Power of Energy".
10. Kartik Math was a prominent member of the BITS Solar Decathlon Team "Efden". They were required to construct a house that uses solar energy as the only energy source and are equipped with all the technologies that permit maximum efficiency. The team placed First in Communications, Second in Engineering and Construction, Second in Comfort Conditions and Third in Sustainability. BPDC along with Romanian University (Team EFdeN) performed very well and secured Overall 4<sup>th</sup> Place in the world.
11. Graduated Students of batch 2014-2018 were accepted into prestigious institutions around the globe such as TU Delft – Netherlands, University of Melbourne – Australia, University of New South Wales, Sydney – Australia, University of Leeds – England, Durham University – UK, Norwegian University of Science and Technology – Norway, University of Waterloo – Canada, University of Toronto – Canada, University of Alberta – Canada and CAE Oxford Aviation Academy National Flying Training Institute.
12. Graduates of the class of 2014-2018 were placed in companies by the likes of Monaco Engineering Solutions – UAE, Kempex FZE – UAE, Hydro Middle East – UAE, Fetchr – UAE, Petrofac – Qatar; Ayzuas Group – UAE, Hindustan Petroleum Corporation Limited – India, Captain and Company – UAE and Sika UAE LLC – UAE.
13. Dr.V.Kalaichelvi reviewed two papers for International Conference on Recent Advances in Fluid and Thermal Sciences (ICRAFT 2018) organized by Mechanical Engg Dept at our Campus (5th-7th December 2018) and details are given below:
  - a) Design, Simulation and Implementation of a single phase shunt active filter, interfacing a PV system to the distribution grid.
  - b) Performance prediction of Savonius Wind Turbine using adaptive neuro-based fuzzy inference system (ANFIS).
14. Team IFOR won the Robotics and Electronics category at Innovator Show 2018 in Abu Dhabi. Their proposal was a Fog prevention system using an autonomous VTOL drone. After winning the Innovator we were featured in Gulf News and various news and media entities visited us and our lab at Bits Pilani. IFOR covered in Gulf News: <http://m.gulfnews.com/news/uae/society/uae-students-build-drone%20that-clers-fog-1.2167010>. The participants are: Suhail (2016A3PS0172U) EEE; Mishika (2016A7PS0261U) CS; Ashlyn D'Souza (2016A7PS0003U) CS; Rifah Mohamed (2016A7PS211U) CS; Parv Khandelwal (2015A7PS0265U) CS; Sarthak Bhooshan (2015A7PS0323U) CS; Anudeepsekhar Bolimera (2014AAPS0115U) ECE; Adithya Pradeep Nair (2016A4PS0254U) Mechanical; Saptadeep Debnath (2014AATS0061U) ECE. Dr Kalaichelvi is the faculty mentor.
15. BPDC, in collaboration with three renowned Romanian universities showcased their design of fully solar powered energy efficient house at the Solar Decathlon Middle East 2018 at the Mohammed Bin Rashid Al



Maktoum solar park from 14 - 29 November 2018. The team won an impressive fourth place from among the international teams participated, notably first in Communication context, second in Engineering and Construction, second in Comfort Conditions, third in Sustainability and fourth in Energy Efficiency. Dr Gomathi Bhavani was one of the faculty mentors.

- 16 Dr Gomathi Bhavani reviewed the following papers for iCRAFT2018 (International Conference on Recent Advances in Fluid and Thermal Sciences) : "Intelligent Control Approach for Fluid Power Transmission of a Wind Turbine System" and "Design, Simulation and Implementation of a single phase shunt active filter, interfacing a PV system to the distribution grid".
- 17 Dr. Mary Lourde has been a reviewer for IEEE Transactions on Reliability and reviewed a manuscript in the area of state estimation of unmanned aerial vehicle over IoT network.
- 18 Dr. Mary Lourde has been a reviewer for Elsevier journal of "Microprocessors and microsystems" and reviewed a manuscript on reversible ALU design.
- 19 Team Trepit consists of 5 BPDC mechanical students namely Mohamed Nawaz Muallim, Tarun Krishna Jayachandran, Pranay Addepalli, Harsith Rani Ashokkumar and Adhitya Natrajan from BITS Pilani, Dubai Campus has won a spot at Intelak Aviation & Travel Incubator for their cohort 3 program alongside a seed fund of AED 50,000/-. The event held on 22nd January 2018 Led by the Emirates Group, GE, and Dubai Tourism, Intelak is a hub that will inspire and develop teams to become part of the conversation in travel and aviation industry. The team was mentored by Dr. Vincent Shantha Kumar, Assistant Professor, Mechanical Engineering, BPDC.
- 20 Team Auto Chain consists of BPDC students namely Somil Mathur, Jaskanwar Singh, Sujith Sizon, Tushar Agarwal and Jayant Panwar won the First Prize of \$ 4000 in the IOT + Smart Cities category and Second Prize of \$ 5000 in Big Battles category in Seaside Startup Summit organized by RAK incubation and accelerator held from 8th to 12th February 2018, attracted 500 participants, 300 startup owners and 50 investors. His Highness Sheikh Saud Bin Saqr Al Qasimi, Supreme Council Member and Ruler of Ras - Al Khaimah inaugurated the event. AutoChain is a decentralized car dealing platform that is aimed at building trust between the buyer and seller. The team was featured in Ajman FM and Armenian TV. Team AutoChain advised by Dr Sankaram, Mechanical department, BPDC and Dr Santoshkumar, CSE department, BPDC.
- 21 BPDC team got shortlisted from the first SOLAR DECATHLON MIDDLE EAST to participate in SECOND SOLAR DECATHLON MIDDLE EAST (SDME) to be held in November 2018 and in 2020. On 30th April 2018, the announcement was made at the Second International Workshop, which Dubai Water and Electricity Authority (DEWA) organised for the 21 teams from 36 universities in 15 countries participating in the first competition. The team is mentored by Dr. Vincent Shantha kumar, Dr. Shashank Khurana and Dr. Gomathi Bhavani
- 22 BPDC Students Anchit Pandey (4th Year CS), Vrushali Patil (3rd Year ECE), Sultan Morbiwala (4th Year Mechanical), Satyarth Vaidya (4th Year CS) and Sejal Chopra (4th Year CS) has won the third Prize and Cash award of INR 2000 for their Project titled "Drone-based Smart Oil Spill Reduction and Containment" in the CSIR-CEERI's Technology Innovation Event 2018 held on 28th September 2018 at CSIR CEERI Pilani, India.
- 23 NaviFly, a start up led by me, Yashodhan Naik, a student of BITS Pilani Dubai Campus, have been selected amongst the top 20 teams in the world to Pitch at Propeller Shannon, Ireland. It is a aviation accelerator which has world re-known partners like Boeing, Datalex, IAA & many others. On 20th November 2018, the NaviFly representatives Yashodhan Naik and Shivank Gupta leave to Ireland to showcase their disruptive innovation. Recently, the women entrepreneurs from the NaviFly team (Aeronyx) recently secured 2nd place in Techstars Women's Start-Up Weekend, 2018, the first women's startup in the middle east. The team is mentored by Dr. Vincent Shantha Kumar
- 24 BPDC along with Romanian University (Team EFdeN) participated in the finals of SDME 2018. Won numerous awards throughout the competition, and placed well in nearly every contest:
  - 1st in Communication
  - 2nd in Engineering and Construction
  - 2nd in Comfort Conditions o 3rd in Sustainability
  - 4th in Energy Efficiency - also placed 3rd for innovations in energy efficiency (sub-contest)
  - 4th in Sustainable Transportation
  - 4th in House Functioning
  - 6th in Architecture
  - 2nd in the People Choice Awards, with 8923 votes (special category, no points)
  - Placed 4th overall in the world. Was in 1st place for nearly 90% of the competition period o Won 879.47 points overall, out of a total possible 1000.

The team is mentored by Dr. Vincent Shantha kumar, Dr. Shashank Khurana and Dr. Gomathi Bhavani

- 25 Team "Glass Microspheres Filled Polymer Composites" participated in Expo 2020 University Innovation Programme (UIP) and secured funding of AED 50,000. More than 500 student groups from 57 universities across the UAE submitted applications as part of the UIP's second cycle out of which only 35 reached to the second round. The final stage of evaluation took place on Saturday November 24th 2018 at Expo 2020 main office in Dubai where our students pitched the idea in 5 minutes and impressed the judges to secure a place in the top teams to be funded. The students worked with Dr. Priyank, Assistant Professor, Mechanical Engineering, BPDC.
- 26 Mantra awards Feb 2018, Harshal Mittal for Social Leadership, Gowtham S. for Entrepreneur of the year, Mihit Prabhudesai Innovator of the year.
- 27 Jaskanwar Singh, Sujith Sizon, Tushar Agarwal, Jayant Panwar and Somil Mathur, won first position in 1st position in the IOT + Smart Cities category (USD 4000) and + 2nd position in Big Battles (USD 5000) in Autochain Seaside Startup Submitm held between 8th to 12th Feb 2018.
- 28 Rida Khan was first runner-up for her paper in Sci-Tech held in Amity University on 28th Feb 2018.
- 29 Naman Kamra, Vedant Bajaj, Ritwick D Souza, Saugaat Allabadi, Shaurya Sood won USD 20,000 in the Hack @The Track 2018, AngelHack conducted between 7th to 8th March 2018.
- 30 Jaskanwar Singh (CS), Urvashi Satwani (Chemical), Somil Mathur (CS) and Tushar Agrawal (CS) won the HULT prize in the competition held between 9th to 10th March 2018
- 31 Shaleen Bengani (III CS), Anchit Pandey (III CS), Mohammed Shoaib (II CS) participated in the 8th Gulf Programming Competition held on 22nd March 2018 at Zayed University and have secured the first position, with Faculty Coach Dr Sujala D. Shetty. The GPC is a five hour continuous tough and competitive coding competition. This year there were 42 participants from UAE, Saudi, Kuwait and Oman. The students solved the maximum number of questions (6 out of 10) in the shortest time. The students were awarded a trophy by the Vice Chancellor of Zayed University. They were also given a cash price of AED 2000 each.
- 32 Jaskanwar Singh, Somil Mathur, Jayant Panwar, Tushar Agarwal and Sujith Sizon, won USD 1500 for the best pitch at Autochain at STARTAD, NYU, Abu Dhabi, held on 16th April at NYU Abu Dhabi.
- 33 Mihir Prabhudesai, Dev Gupta and Mridul Bhandari, won the Falcon Hack Challenge held between 20th - 21st April, 2018.
- 34 Two students participated in 6th Undergraduate Research Competition held in Abu Dhabi University, Abu Dhabi on 30-4-2018. The team won the 2nd prize. Winners are Mihir Prabhudesai (III CS) Shaleen Bengani (III CS) with Faculty Advisor: Dr. Siddhaling Urolagin, under the Patronage of H.E. Hussain Ibrahim Al Hammadi, Minister of Education, Abu Dhabi University is organizing the Seventh Undergraduate Research Competition. This competition aims at encouraging universities to promote scientific research among undergraduate students and to make it an integral part of university education. Over 250 research papers presented in 14 parallel tracks submitted by 33 major universities in the UAE. They were given cash prize of AED 2500 for the team.
- 35 Shaik Afreen Aarza won 3rd prize at Show and Tech 2018 held on 5th May 2018
- 36 IQPC is one of the biggest event management company in the world. They had recently organized MENA regions biggest AI hackathon. The hack was a 3-day event consisting of 30+ Teams participating in the preliminary round. The event took place from 3rd to 5th September 2018 in Park Hyatt, Dubai and was attended by visionaries from Companies like Microsoft, Accenture, Etisalat, PWC, and Infosys. Two teams from BITS secured prestigious 1st and 3rd place in the finals. Following are their names.

1) First Prize

Students: Mihir Prabhudesai, Juzar Gulamali and Dev Gupta

Mentor: Mr. Nand Kumar

Prize: Internships at Accenture, DEWA & Goodies

2) Third Prize

Students: Ankita Rane, Shivani Sathe & Anandi Sekhar

Mentor: Dr. Sujala D. Shetty

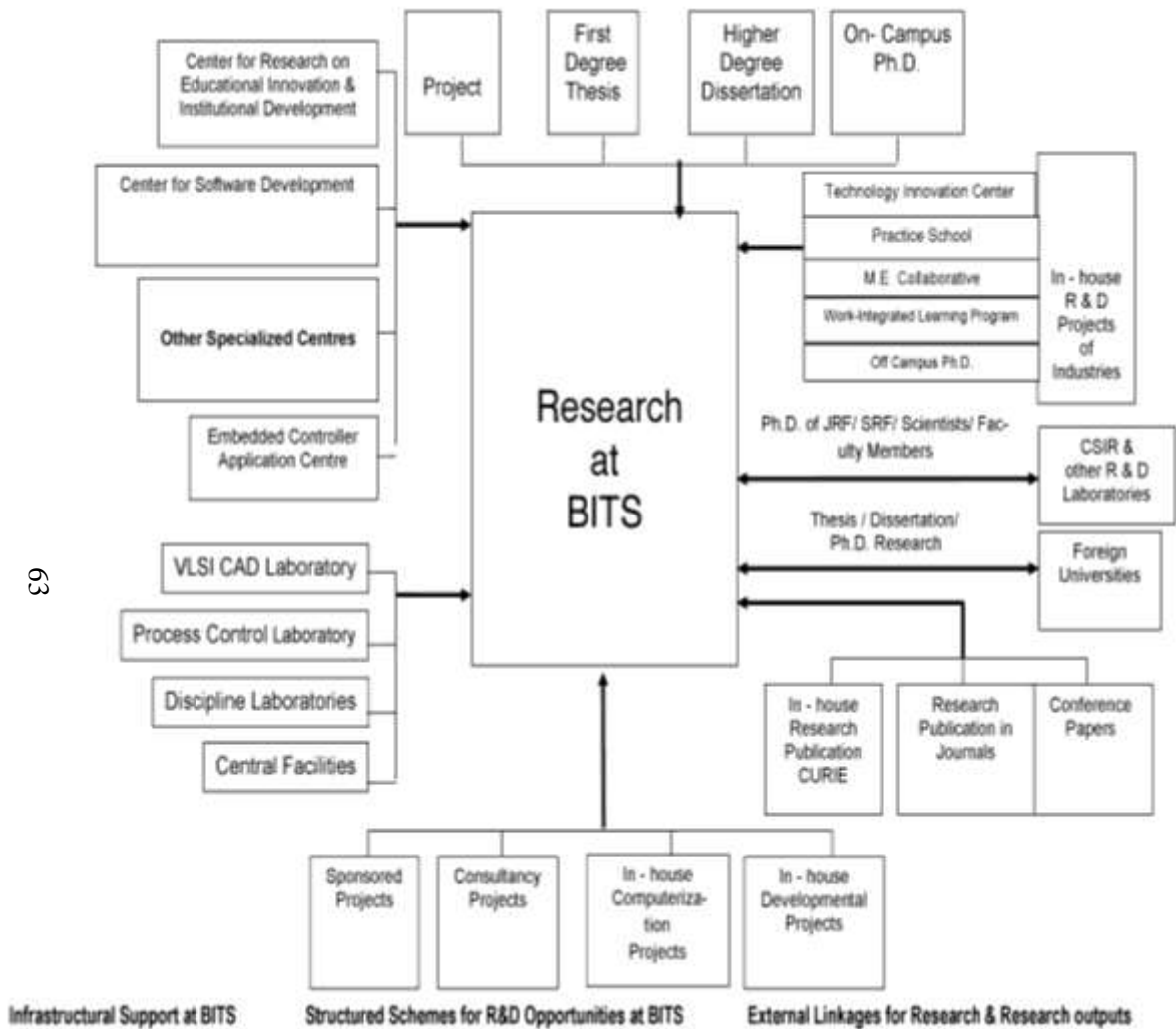
Prize: Ipad Mini & Goodies from Dubai Municipality

- 37 Mihir Prabhudesai (CS) and Sarthak Sethi (EEE) won the first prize at Google Developer Group which held a Codathon for Developers of all ages across UAE. The event comprised of solving Algorithmic Challenges for pre-decided tasks ranging from Voice Biometrics to Quantum Cryptography. It was a 2 day coding event in which the team managed to build a Low-Computation Algorithmic Solution for the task of Speaker Recognition. The team was selected amongst 70+ participating teams all across UAE. They were also awarded 25,000 AED Cash Prize by Emirates NBD for their win. Date 23rd and 24th November 2018.

- 38 Three of our students Sameeksha Amin (IIIrd CS), Saifali (IIInd CS), Niharika Senthil Kumar (IIInd BIOT) stood first in the Inter Club Debate Contest, a division level toastmasters debate contest which was conducted on 16th November 2018 in American University in the Emirates. There were a total of 18 teams participating, including five star clubs such as ICAT Toastmasters Club, Emirates Toastmasters Club and Friends of Yoga Toastmasters Club. Among the participants were also teams from advanced clubs like Dubai Advanced

Toastmasters Club and DIC Advanced Toastmasters Club. All contestants were not only much older than our students but also more experienced toastmasters.

- 39 Appointed a member of Organizing Committee of 6th World Conference on Applied Science, Engineering and Technology (WCASET-18) held at Goa, India on 2 & 3 January, 2018.
- 40 Appointed a member of International Advisory Committee of 1st Edition of International Conference on Social Responsibility of Educational Institutions in Developing Countries (ICSEDC – 2018) held during 24-25 August 2018 organized by Ramakrishna Mission Vidyalaya, Coimbatore, Tamil Nadu, India.



#### 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 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

S.No	Name of the Centre	Description
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 1964-2018

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	234
2.	Chemical Science & Engineering	36
3.	Civil Engineering	44
4.	Computer Science	92
5.	Economics	23
6.	Educational Development	16
7.	Electrical, Electronics, Communication & Instru. Engineering	98
8.	Humanities & Social Sciences	55
9.	Management	105
10.	Mathematics	36
11.	Mechanical Engineering	91
12.	Pharmacy	169
13.	Physics	79
14.	Chemistry	114
15.	Hospital and Health System Management	04
	<b>Total</b>	<b>1196</b>

### Completed Higher Degree Dissertations - 2018

#### HDD

#### SEM-II 2017-18

#### Pilani Campus

S.No.	BITS ID	Name	Topic	Supervisor	Department
1	2016H1290011P	RINKI GUPTA	Evaluation of the mechanism behind the bactericidal action of silver nanoparticles on E. coli	JITENDRA PANWAR	Biology
2	2016H1290012P	HAKEEM IFRA ANIS	Different strategic approaches regulating cancer cell growth	RAJDEEP CHOWDHURY	Biology
3	2016H1290003P	PUJITHA LAKSHMI R	Infection Biology	SANDHYA MARATHE	Biology
4	2016H1290009P	SHITYA MURALI	Role of plasma membrane and actin cytoskeleton during spindle formation in mitosis	SACHIN KOTAK	Biology
5	2016H101014P	RAJAN SINGH	Nano catalyst system for H <sub>2</sub> production	Dr. Banasri Roy	Chemical

S.No.	BITS ID	Name	Topic	Supervisor	Department
6	2016H101017P	JOSHI PARTH ASHISHBHAI	Experimental and Theoretical Investigation on steam gasification followed by catalytic conditionings.	Dr. Pratik N. Sheth	Chemical
7	2016H101021P	PRITISH PRAYAG SAHOO	Design of soft-sensor for Reactive Distillation column	Prof. Hare Krishna Mohanta	Chemical
8	2016H101023P	PRASAD SUNIL SAHU	Novel catalyst for H2 production from renewable energy sources	Dr. Srinivas Appari	Chemical
9	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
10	2016H101025P	MOMIN XERXES MEHBOOB	Optimum Foam Quality for contaminated Soil Remediation and better detergent formulation	Dr. Pradipta Chattopadhyay	Chemical
11	2016H1300045P	MANOHARAN V	Air cargo modeling	DR PRSANTA K SAHU	Civil
12	2016H1440028P	KUNAL DHADSE	Statistical analysis for water quality management in a river Basin : A modeling comprehensive downscaling technique with GIS	DR AJIT PRATAP SINGH	Civil
13	2016H1440032P	TRIPTI SINGH RAJPUT	Study of Swot analysis of Delhi metropolitan city	DR ANUPAM SINGHAL	Civil
14	2016H1430038P	PRACHURYA KAUSHIK	Investigation of ductile characteristics of concrete beams under elevated temperature	DR. G. MUTHUKUMAR	Civil
15	2016H1430040P	SIVANANTHAN V	Experimental investigation & numerical modeling study of flexural behavior of deep beam.	DR. G. MUTHUKUMAR	Civil
16	2016H1300047P	PURSHOTTAM	Life cycle assessment of construction phases of highway using soft computing techniques.	DR. AJIT PRATAP SINGH	Civil
17	2016H1300050P	SUSHREETA MISHRA	Quantification of rural accessibility	DR PRASANTA K SAHU	Civil



S.No.	BITS ID	Name	Topic	Supervisor	Department
18	2016H1300051P	ANCHAL SRIVASTAVA	Reinforced Geopolymer concrete	DR VISHAKHA SAKHARE	Civil
19	2016H1300054P	RASHALI TRIPATHI	Geopolymer paver blocks	DR VISHAKHA SAKHARE	Civil
20	2016H1300049P	VIDISHA KHALPADA	Optimal proportioning of the constituents for the grouted macadam mix design Optimal proportioning	DR NIKHIL SABOO	Civil
21	2016H1030077P	Yash Sinha	Real Time Monitoring of Quality of Service for Chosen Flows in Hybrid SDN	K Haribabu	CSIS
22	2012HS2H0144P	AKSHAY MADAN	Resource management for solar powered cellular base stations.	VINAY CHAMALA	EEE
23	2016H1420117P	Aman Agarwal	Related to supply chain management.	S. Routroy	Mech
24	2016H1420113P	Raval Kuldeep S.	Supply chain Management Related	S. Routroy	Mech
25	2016H1410098P	Vijay Khandelwal	Elastic Tail Provision at low Raynold Number	J.S.Rathore	Mech
26	2016H1410090P	Udit Singhal	Fracture, Creep and Residual Strers life prediction Technique.	P.Srinivasan	Mech
27	2016H1060128P	Palash Mungi	Reliability of Mechanical Components	R.P.Mishra	Mech
28	2016H1060119P	Shubhamgi Agarwal	Solar Energy	Manoj Soni	Mech
29	2016H1060124P	Prateek Jha	Experimental Investigations of elastic tail propulsion models.	J.S.Rathore	Mech
30	2016H1410094P	Ved Hitendra Parma	Identification of Crack in rotor system.	Arun K. Jalan	Mech
31	2016H1060132P	Samyak Samar	Solar energy	Manoj Soni	Mech
32	2016H1410091P	Shrikant S.Pawar	Analysis of surface error of thin walled elliptical geometry using FEM	T.C. Bera	Mech
33	2016H106120P	Prince Jain	Skin tribbology: An investigation of related attributes between Skin and associated	J.S.Rathore	Mech

S.No.	BITS ID	Name	Topic	Supervisor	Department
34	2016H1420109P	Mohit Jagetiya	Exploring Learning capabilities in learning factories	K.S.Sangwan	Mech
35	2016H1060121P	Deepesh Gotherwal	Application of ANN in Managing demands in SCM	Girish Kant	Mech
36	2016H1060126P	V Nagavara Prasad S.	Fabrication and Modeling of Transcritical CO2 ejector Refrigeration system	M.S.Dasgupta	Mech
37	2016H1060125P	Yasdeep Neema		A. M. Marathe	Mech
38	2016H1060133P	Abhishek Kumar Agrawal	Nonlinear finite element analysis and nonlinear dynamics	A.M. Marathe	Mech
39	2016H1060127P	Raj Tilva	Numerical Simulation of sub-Cold Boiling flows	S.S.Yadav	Mech
40	2016H1460197P	Vishal Girdhar	QBD driven development evaluation and scale up of nanoformulation	Dr.Gautam Singhvi	Pharmacy
41	2016H1080175P	Shalini D.Patil	Design and characterization of nanocarrier loaded topical formulation	Dr.Gautam Singhvi	Pharmacy
42	2016H1460192P	Shakti Nagpal	Development and evaluation of multifunctional polymer based nanoparticles drug delivery for cancer	Dr Sunil K Dubey	Pharmacy
43	2016H1470185P	Arpit V. Patel	Formulation and development	Mr Arun Kumar Pandey,	Pharmacy
44	2016H1470182P	Shantanu D Shinde	Regulatory Compliance in analytical development	Mr. Ujwal Chhabra,	Pharmacy
45	2016H1490243P	TANMAY DEBNATH	Usage of social media for effective knowledge dissemination in a higher educational institution	Mr. Nirankush Dutta	Mangt
46	2016H1490211P	KRITESH GUPTA	Strategic Management	Dr Neetu Yadav	Mangt
47	2016H1490216P	SMITI SAXENA	Managerial skills among successful advocates: Astro-Psycho-Analysis	Dr. Sushila Pareek	Mangt

S.No.	BITS ID	Name	Topic	Supervisor	Department
48	2011HD03680P	SIDDHARTH BHATIA		DR RAJIV KUMAR	CSIS
49	2016H1420112P	PATEL KRUNAL KUMAR V	SUPPLY CHAIN MANAGEMENT	SRIKANT ROUTROY	Mech
50	2016H1060130P	KEDAR HARDAS PATIL	THERMAL CONDUCTIVITY ENHANCEMENT OF PHASE CHANGE MATERIAL	P.Srinivasan	Mech
51	2016H1420112P	Krunal Patel	Supply chain	Prof.Srikanta Routroy	Mech
52	2016H1120004U	Pragya Garg	A Data Science Methodology to understand Diabetes Data using R	Dr. Siddhaling Urolagin	CS
53	2016H1120007U	Aswani K Babu	Biometric Voice Authentication	Dr. Sujala D Shetty	CS
54	2016H1120026U	Mohammed Nadeem Azad	A Systematic approach to green and sustainable procurement practices using e-procurement	Dr. Santhosh Kumar	CS
55	2016H1490005U	Rahul Rajendran	Overcoming Constraints to Growth of Small and Medium Enterprises - Dubai	Dr. Shazi Shah Jabeen	HSS
56	2016H1490008U	Aiswarya Venugopalan Alapuzha	Analysis of Sustainability Reports in the Finance Industry of UAE	Dr. Natesa Prasad	HSS
57	2016H1490010U	Upanyas	Corporate Social responsibility and Business Performance in United Arab Emirates	Dr. Mrutyanjaya Sahu	HSS
58	2016H1490011U	Mansi Saxena	Leadership Challenges in UAE Corporate Environment	Dr. A Srinivas Rao	HSS
59	2016H1490014U	Medarametla Navaneeth Kumar	IPO Underpricing	Dr. Natesa Prasad	HSS
60	2016H1490019U	Syed Muhammad Mufazzal Hussein	Sustainability in Universities	Dr. Anand Kumar	HSS
61	2016H1490022U	Aromal Ajith	Similarities and Differences Between Traditional Ventures and Technological Ventures - Dubai	Dr. Shazi Shah Jabeen	HSS
62	2016H1490027U	Rahmath Ali	Comparative Study of Smart City Metrics Among	Dr. Anand Kumar	HSS

S.No.	BITS ID	Name	Topic	Supervisor	Department
			Indian & Global Cities and their Importance in Project Success		
63	2016H1490030U	Raj Sourabh Panda	Disaster Management (Comparative Assessment of Public & Private Sectors)	Dr. A Srinivas Rao	HSS
64	2015H1410021U	Ramakrishna Karanth, P	Impact of Nanoparticle Additives in Polymer Composite Strengthening, Through Injection Moulding Process	Dr. MVN Sankaram	MECH
65	2016H1410009U	Kenneth Ashley Lobo	Design and Analysis of Incremental Sheet Metal Forming	Dr. Vishal GangadharNaranj e	MECH
66	2016H1410015U	NithinVakkachanMaliakal	Laser optimization in Armored Steel using Desing of Experiments	Dr. VenkateshGudipa du	MECH

#### Dubai Campus

S.No.	BITS ID	Name	Topic	Supervisor	Department
67	2016H1410016U	Rohan ShankerKapdi	Design & Performance Analysis of Cross Flow & Force Draft Cooling Tower	Dr. Naveen Shrivastava	MECH
68	2016H1410018U	Arun N	Bio-Corrosion Studies on Novel Zr37Co34Al10Cu10Ti8	Dr. Vincent Shantha Kumar	MECH
69	2016H1410020U	S Achyuth Kumar Reddy	Design and Development of Direct Liquid Fuel Cells	Dr. PriyankUpadhy aya	MECH
70	2016H1410021U	P Sai Deep	Effect of Lubrication & Coating on Tribological Properties on Cold Working of Tool Steel	Dr. Ram Karthikeyan	MECH
71	2016H1410028U	SwaroopRajendraPande	Frictionless Permanent Magnetic Clutch	Dr. R Udayakumar	MECH

**K.K.Birla Goa Campus**

S.No.	BITS ID	Name	Topic	Supervisor	Department
72	Akanksha V Savardekar	2016H1290005G	Physiology of Adipogenesis associated cancer	Dr. Arnab Banerjee	Biological Sciences
73	Fiona Fernandes	2016H1290006G	Nanoparticles mediated gene delivery in mouse embryonic fibroblast cells	Dr. Meenal Kowshik	Biological Sciences
74	Manali Ramakant Malvankar	2016H1290001G	Standardization of RNA isolation and gene validation in Rhizophora species	Dr. Kundan Kumar	Biological Sciences
75	Namitha N N	2016H1290004G	Nanoparticles mediated gene delivery in mouse embryonic stem cells	Dr. Indrani Talukdar	Biological Sciences
76	Sadtadwipa Ganguly	2016H1290003G	Effect of catharanteus roseus petal extract on colon cancer cell time HCT116	Dr. Angshuman Sarkar	Biological Sciences
77	Saranya	2016H1290002G	Studies on Nano-ceria as potential anticancer agents	Dr. Meenal Kowshik	Biotechnology
78	Manu Malladi	2016H1010008G	Investigation on corrosion protection behaviour of graphene polymer composites	prof. Sutapa Roy Ramanan	Chemical engg
79	Suchi	2016H1010012G	Photocatalytic degradation of phenol from paper and pulp mill effluents	Dr. S.S. Baral	Chemical engg
80	Ambika Parab	2016H1010013G	Studies on degradation of atrazine	Prof. S.D. Manjare	Chemical engg
81	Soham Surendra Kale	2016H1010009G	To study the influence of base oil properties on the rheology and tribology of biogreases	Dr. Ashima Shaukat	Chemical engg
82	Nikhil Sasidharan	2016H1010011G	Phase equilibria Investigation for refrigeration applications	Prof. Srinivas K	Chemical engg
83	Alwin Michael Tomy	2011HD010588G	Modelling multi-layered flow over structured substrates	Dr. Rajagopal Vellingiri	Chemical engg
84	Mayank Chaudhari	2016H1030014G	Resistance in large scale systems	Dr. Santonu Sarkar	CS&IS
85	Aakash Nelson Mattukoyya	2016H1030022G	Applying quantum computing principles to AI and ML	Dr. Radhika Vathsan	Physics

**Hyderabad Campus**

S.No.	BITS ID	Name	Topic	Supervisor	Department
86	2016H1290001H	AREKUTI GEETHIKA	Prof. Sharmistha Banerjee/Dr. Trinath Jamma	Identification of the interacting domains of Staufen2 with CRM1 and HIV-1 Rev	Biological Sciences
87	2016H1290002H	KULKARNI SHREYA SHRIKANT	Prof. Sankar Ganesh/Prof. Sajeli Begum	Effect of Bromelain on DNCB -Induced Atopic Dermatitis-like Symptoms in Mice	Biological Sciences
88	2016H1290004H	ARTHI S D	Prof. Vidya Rajesh/Dr. Trinath Jamma	Immuno-characterisation of Serine Repeat Antigens (PvSERA4 and PvSERA5) of the malarial parasite Plasmodium vivax	Biological Sciences
89	2016H1290006H	ANAND N	Prof. Sankar Ganesh	Co-Biomethanation of Muncipal Solid Waste Landfill Leachate and Domestic Septage	Biological Sciences
90	2016H1290007H	ANSHIKA GUPTA	Prof. Sridev Mohapatra	Characterization of plant growth promoting traits of four potential drought -tolerant rhizobacterial strains	Biological Sciences
91	2016H1290005H	VIVEK NAIR	Prof. Suman Kapur	Correlation of Urinary Biomakers with Physiological states: Fasting and Feeding	Biological Sciences
92	2016H1010009H	AJJARAPU SWARNA LALITHA	Prof. Srikanta Dinda	Studies on CO <sub>2</sub> capture from simulated flue gas	Chemical Engineering
93	2016H1010010H	SHAURYA MOHAN	Dr. Vikranth Kumar Surasani/Prof. N Rajesh & Prof. Vidya Rajesh	Bio sorption of heavy metals from the industrial effluent: Batch and Column studies	Chemical Engineering
94	2016H1010011H	NAMRATA UPRETI	Dr. Vikranth Kumar Surasani/Prof. Srikanta Dinda	Thermal Cracking of Kerosene: Modeling and Experiment	Chemical Engineering
95	2016H1010012H	ABINAYA VENI R	Dr. Asma Ahmed/Prof. Aravinda N. Raghavan	Preparation and Characterization of	Chemical Engineering

S.No.	BITS ID	Name	Topic	Supervisor	Department
				fungal biofilms: Effect of process parameters	
96	2016H1010013H	ANUSHA RAJA IYANGAR	Dr. Purnima	Coir based applications	Chemical Engineering
97	2016H1010014H	MOHD RIZWAN KAREEMI	Dr. Balaji Krishna Murthy	Mathematical Modeling of a Molten-Carbonate Based Direct Carbon Fuel Cell	Chemical Engineering
98	2016H1430017H	ANJU HANNA ALEX	Dr. Arkamitrakar	Determination of Shrinkage Strains of Alkali Activated Binder Concrete	Civil Engineering
99	2016H1430018H	AMIT KUMAR MAITI	Dr. Chandu Parimi/Dr. Sridhar Raju	Effect of non-uniform contact stresses on the design of flexible pavements using Finite Element Analysis	Civil Engineering
100	2016H1430019H	K VISHNU CHAITANYA DEEPAK	Prof. P N Rao	Performance of Concrete by Incorporating Nano-Sized Particles	Civil Engineering
101	2016H1430022H	P ABHISHEK R	Dr. Arkamitra Kar/Dr. ANASUA GUHARAY	Developing a Mechanism for Determining the Stress-Strain Characteristics of Cast In-Situ Ambient Cured Alkali Activated Binder (Aab) Concrete	Civil Engineering
102	2016H1480053H	KOLLI SRAVANI	Dr. Parameshwaran/Prof. Vinayak Ram	Experimental Study of PCM Based External Wall Claddings for energy efficient buildings	Mechanical Engineering
103	2016H1480052H	THAKOR VATSAL DHIRAJ SINH	Dr. Amitabh Bhattacharya/Dr. KRC Murthy	To study Flow over Moving Immersed Body and Analyze rate of Heat transfer through fin	Mechanical Engineering
104	2016H1480050H	ANUBHAV VATS	Dr. S P Datta	Thermodynamic Analysis of Vapor	Mechanical Engineering

S.No.	BITS ID	Name	Topic	Supervisor	Department
				Compression Refrigeration System	
105	2016H1460060H	SUCHITA DASHARATH MAKODE	Dr. Y Srinivas/Dr. V Vamsi Krishna Venuganti	Preparation and evaluation of sustained release formulation using ion par complexation technique	Pharmacy
106	2016H1460062H	PARAVASTU PATTARABHIRAN SRIJANAKI	Dr. V Vamsi Krishna Venuganti	Transcutaneous Immunization Using Calcium Phospate Nanoparticles Loaded Dissolvable Microneedles	Pharmacy
107	2016H1460063H	TEJAS VINOD BHADKE	Prof. Punna Rao/Dr. Tanaje Venkata Radhakrishna Mullapudi	Method development and validation of Bile acids using LC-MS-MS in different matrix (Rat plasma)	Pharmacy
108	2016H1460065H	PATIL JUILY ANIRUDHA MADHURI	Prof. Punna Rao/Dr. Trupti Chitre	Formulation, Development and Evaluation of A Steriodal Topical Cream	Pharmacy
109	2016H1460066H	KARNAM SRIRAVALI	Prof. Punna Rao	Preparation and Optimization of Cilindipine loaded Chitosan Nanoparticles	Pharmacy
110	2016H1460067H	KULKARNI RADHA BALKRISHNA MANISHA	Dr. V Vamsi Krishna Venuganti	Fabrication of zein microneedles for transcutaneous delivery of a peptide drug	Pharmacy
111	2016H1460068H	PUJA KUMARI	Dr. Srinivas Yaramati/Dr. V Vamsi Krishna Venuganti	Development and evaluation of antacid formulations A comparative study	Pharmacy



HDD

Sem I 2018-19

Pilani Campus

S.No	BITS ID	Name	Topic	Supervisor	Department
1	2017H1010029P	Amit Kumar	Bio-mitigation of Flue Gases using Algae Species	Dr. Smita Raghuvanshi	Chemical
2	2017H1010030P	B. Sai Hitesh	Hydrolysis of Agricultural Waste to Sugar by Solid State Catalysts	Dr. Banasri Roy	Chemical
3	2017H1010032P	Neha Jadhav	Preparation of Mixed Matrix Membranes for Biogas Upgradation	Dr. Bhanu V. Reddy K.	Chemical
4	2017H1010035P	Devesh Saxena	CFD Application in Bioreactor	Dr. Suresh Gupta	Chemical
5	2017H1010036P	Prasad Sudhir Ingle	CFD Modeling of Catalyst Poisoning Detailed Kinetics	Dr. Bhanu Vardhan R K	Chemical
6	2017H1010037P	Sampada Mahajan	Hydrolysis of Agricultural Waste to Sugar by Solid State Catalysts	Dr. Banasri Roy	Chemical
7	2017H1010038P	Hemanand T	Nonlinear System Identification and Control using WNN	Dr. Hare Krishna Mohanta	Chemical
8	2017H1010040P	Veeturi Uma Varun	Synthesis and Characterization of Conductive Polymer Nano-compounds.	Dr. Krishna C. Etika	Chemical
9	2017H1010041P	Akshay Khadelwal	Development of Continuous Bio-mitigation of CO <sub>2</sub> and Recovery of Products	Dr. Smita Raghuvanshi	Chemical
10	2017H1010042P	Devendra Purbia	Dual Catalyst Monolith Reactor for Biogas Reforming	Dr. Srinivas Appari	Chemical
11	2017H1010045P	Adwait Nagarkar	Identification and Isolation of WEO Degrading Bacterial Species from the Oil Contaminated Soil and Water	Dr. Amit Jain	Chemical
12	2017H1010046P	Vennu Revanth	Optimal Control of Bioreactors	Dr. Amit Jain	Chemical
13	2017H1010047P	K. Karthik	Flow Pattern and Transport in Loop Reactors	Dr. Arvind K Sharma	Chemical
14	2017H1010048P	G. Kameshwar Sharma	Development of Nano-Adsorbent for Textile Industry	Dr. Suresh Gupta	Chemical
15	2017H1010050P	Itishree Panda	Design Modifications in Biomass Gasifier	Dr. Pratik N. Sheth	Chemical
16	2016H1230908U	Anil Kumar P	A New Bitstream Based Control of Regenerative Variable Speed Drives	Dr. Vilas Haridas Gaidhane	EEE

S.No	BITS ID	Name	Topic	Supervisor	Department
17	2016H1490907U	Aleem Muneer Sheriff M	Budgeting and Financing Major events in Ecommerce	Dr. Natesa Prasad	HSS
18	2016H1490904U	K.N. Nikhil	Optimization of Resources in Ship Repair Yards using Project Management Tools	Dr. S. Baskaran	HSS
19	2016H1490006U	Mohammed Wasim M	Challenges Faced by SME in Obtaining Bank Credits / Loans in UAE	Dr. Srinivasa Rao	HSS
20	2016H1490025U	Neeraj Kumar	Offloading Processor Intensive Tasks onto the Cloud and Cloud Load Balancing	Dr. Sujala D Shetty	HSS
21	2016H1490906U	Nikhil Chandra Sekhar	Business Analysis and Marketing Strategies of Aesseal	Dr. Srinivasa Rao	HSS
22		Sai Eswari S	Leadership Practices, Issues and Challenges: A Study from Small and Medium Scale Organizations in UAE	Dr. Srinivasa Rao	HSS
23	2016H1410902U	Gokul Vijayaraghavan	Failure Analysis of Air Valves in Pump Station	Dr. Snehaunshu Chowdhury	MECH
24	2016H1410903U	Manulal S	An Experimental Case Study on Corrosion Characterization of Zr Based Metallic Glass	Dr. Vincent Shantha Kumar	MECH

#### K.K.Birla Goa Campus

S.No	BITS ID	Name	Topic	Supervisor	Department
25	2017H1010029G	Shubham Namdeorao Lanjewar	Thermodynamics of forward osmosis system for Portable water technologies	Dr. Anirban Roy	Chemical Engineering
26	2017H1010026G	Prabhudesai Vallabh Sudhir	Photocatalytic Degradation of Agrochemicals	Dr. Sharad M Sontakke	Chemical Engineering
27	2017H10100289	Harshavardhan T	Flow & lubrication behaviour of greases	Dr. Asima Shaukat	Chemical Engineering
28	2017H1010027G	K Janaki	UV/V is light driven photocatalytic degradation of organic pollutant from industrial waste water using composite catalyst	Dr. Saroj Sundar Baral	Chemical Engineering
29	2017H1010017G	Rhea Mariam John	Materials for low-voltage alteration of surface wettability	Dr. Pradeep K Sow	Chemical Engineering
30	2017H1010024G	Aastha	Modeling and simulation of fluid flow and heat transfer in monolith catalyst based multiphase reactor system	Dr. Amol Deshpande	Chemical Engineering

S.No	BITS ID	Name	Topic	Supervisor	Department
31	2017H1010022G	Divya Joslin Mathias	A Feasibility study on the use of citrus as lignocellulosic feedstock for bioethanol production	Dr. Vivek R	Chemical Engineering
32	2017H1010021G	Shree Sharan	studies on degradation of Agrochemicals in water using advanced oxidation processes	Prof. S D Manjare	Chemical Engineering
33	2017H1010020G	Pooja Paul Chowdhury	continuous Oscillatory baffled reactor assembly : Design and development	Prof. Srinivas Krishnaswamy	Chemical Engineering
34	2017H1010023G	Sachin Gautham MB	synthesis & characterization of blend membranes	Dr. Jegatha Nambi Krishnan	Chemical Engineering
35	2017H1010019G	Mitali A Waghmare	Reactive Extraction of carboxylic acids	Dr. Saroj Sundar Baral	Chemical Engineering
36	2017H1010025G	Pranjali Ranade	Using Biomass as lowcost feedstock for developing high efficiency supercapacitors	Dr. Richa Singhal	Chemical Engineering

#### BITS-Pilani Hyderabad Campus

S.No	BITS ID	Name	Topic	Supervisor	Department
37	2017H1010019H	PULA BHARGAVI	Nano cellulose Synthesis and Characterization	Dr. D Purnima	Chemical Engineering
38	2017H1010020H	MADDURI PRITHVINATH	2-D Modelling of Rising Plume	Dr. Angan Sengupta	Chemical Engineering
39	2017H1010022H	WARE SNEHAL VINAYAK	Coalbed Methane Extraction Using CO <sub>2</sub> Sequestration	Dr. Vikranth Kumar Surasani	Chemical Engineering
40	2017H1010023H	HITHESSH AUGUSTUS	Fabrication of Nanocomposite Catalysts for Value Added Products	Dr. Satyapal A Singh	Chemical Engineering
41	2017H1010024H	PICKKARI SAIKIRAN	Paper Based Microfluidic Microbial Fuel cell	Dr. Balaji Krishna Murthy/Dr. Sanket Goel	Chemical Engineering
42	2017H1010025H	SEEMAREKHA DAS	Growth and Characterization of fungal biofilms for application in bioremediation	Dr. Asma Ahmed/ Prof. Arvind N Raghavan	Chemical Engineering
43	2017H1010026H	SHARON MARIAM VARUGHESE	DURABILITY OF SUPERHYDROPHOBIC SURFACES	Dr. Nandini Bhandaru	Chemical Engineering

44	2017H1010027H	SAYYED SHERAJ ZULFEKHER	Cracking of Kerosene range Hydrocarbons	Dr. Srikanta Dinda	Chemical Engineering
45	2013HS430820H	B SRIMAN PANKAJ	Investigation of utilizing aggregates from broken concrete as a replacement of natural aggregate in alkali activated binder concrete (AAB concrete)	Dr Arkamitra Kar	Civil Engineering
46	2017H1430032H	CHAKRAVARTHULA B AJAY MANI TEJA	Structural Health Assessment of Existing Buildings Without Base Line Data Using Inter-Storey Drift Correlation	Dr. Mohan S C	Civil Engineering

**Completed First Degree Thesis - 2018**

**FDTS**

**SEM-II 2017-18**

**PILANI CAMPUS**

<b>S.NO</b>	<b>BITS ID</b>	<b>Name</b>	<b>Topic</b>	<b>Supervisor</b>	<b>Department</b>
1	2013B1A10237P	VINAY KHANDELWAL	Studying on interaction of milk lactoferrin with other molecules by docking studies	UMA S DUBEY	BIOLOGY
2	2013B1A1226P	SIDDHANT MEHANDRU	Evolution of plant architecture	RAJESH MEHROTRA	BIOLOGY
3	2013B1A1238P	ARNAB CHAKRABORTY	Conversion of carbon containing compounds into valuable products using bacteria.	SURESH GUPTA	CHEMICAL
4	2013B1A1408P	LAKHYA SHARMA	Studies on vaccine candidate antigen genes (TRAP) & hypothetical protein from plasmodium species	VISHAL SAXENA	BIOLOGY
5	2013B1A1837P	SHIVI JAIN	Studies on CO2 mitigation using bacterial route.	SMITA RAGHUVANSHI	CHEMICAL
6	2013B1A1844P	PARIKSHIT JOON	Analysis of cis regulatory element in genome of Arabidopsis thaliana	RAJESH MEHROTRA	BIOLOGY
7	2013B1A1852P	PRIYANK KR. CHAUHAN	Biogas Reforming	SRINIVAS APPARI	CHEMICAL
8	2013B1A1854P	ABHIJEET CHOWDHURY	Bioremediation of industrial waste.	AMIT JAIN	CHEMICAL
9	2013B1A20370P	HIMANSHU SHRIVASTAVA	Analysis of concrete beams reinforced with basalt fibre	G MUTHUKUMAR	CIVIL
10	2013B1A2235P	AKSHAY JHAMB	Analysis of High rise buildings subjected o wind load and various load combinationsusing ETABS	DIPENDU BHUNIA	CIVIL
11	2013B1A2240P	NISHTHA JAIN	Application of nanoparticles	JITENDRA PANWAR	BIOLOGY
12	2013B1A2291P	AKSHIT ANEJA	Inheritance of memories	RAJESH MEHROTRA	BIOLOGY
13	2013B1A2375P	ROHIT AGRAWAL	Immunotherapy & various clinical applications in gastric cancer	UMA S DUBEY	BIOLOGY
14	2013B1A2375P	ROHIT AGRAWAL	Immunotherapy and various clinical applications in gastric cancer	UMA S DUBEY	BIOLOGY

S.NO	BITS ID	Name	Topic	Supervisor	Department
15	2013B1A2376P	AKSHAT BORDIA	Studies on vaccine candidate antigen gene RESA & hypothetical proteins from plasmodium species	VISHAL SAXENA	BIOLOGY
16	2013B1A2444P	SRIVALLI CHALLU	Water Resource/Environment	SHIBANI KHANRA JHA	CIVIL
17	2013B1A2525P	SAI BHARADWAJ VEDULA	Data mining and bioinformatics analysis for Hub genes for plasmodium species from WGCNA network analysis	A K DAS	BIOLOGY
18	2013B1A3231P	AASHISH PASSRIJA	Studies on surface proteins present on sporozoites as vaccine candidates	VISHAL SAXENA	BIOLOGY
19	2013B1A3265P	VANDIT GANDOTRA	Analysis of CCGACA element in modern plant Arabidopsis thaliana	RAJESH MEHROTRA	BIOLOGY
20	2013B1A3356P	SATYAPRIYA SINGH DEO	In silico analysis of chip-seq & RNA seq data for understanding epigenetics in diabetes	SYAMANTAK MAJUMDAR	BIOLOGY
21	2013B1A3409P	SHREYA KAPOOR	Characterization of associative bacteria for plant growth promoting properties	PRABAHT NATH JHA	BIOLOGY
22	2013B1A3818P	NANDINI TRIPATHI	Sensitizing neural glioblastoma cells with an effective formulation	RAJDEEP CHOWDHURY	BIOLOGY
23	2013b1a3859P	KARAN RAJPAL	Studies on vaccine candidate antigen genes LSA & AMA-1 in plasmodium species	VISHAL SAXENA	BIOLOGY
24	2013B1A40576	AKSHATY GOYAL	Supply Chain Management	S. ROUTROY	MECH
25	2013B1A40841P	ABHISHEKH PRASAD	Identifying the role of secretion sytem VI in pathogenicity by using gene knockout in model organism C. elegans	PRABHAT NATH JHA	BIOLOGY
26	2013B1A4450P	SHIRSH ZIBBU	Application of neural network in the field of miRNA – mRNA recognition	SHIBASHISH CHOWDHURY	BIOLOGY
27	2013B1A70542P	MANESH NARAYAN K	Metagenomics assembly	DENIS BERTRAND	BIOLOGY
28	2013B1A7401P	SAMYADEEP BASU	Image Camptioning	POONAM GOYAL	CSIS

S.NO	BITS ID	Name	Topic	Supervisor	Department
29	2013B1A7687P	A SAI RAHUL	DNA data storage system	SHIBASHISH CHOWDHURY	BIOLOGY
30	2013B1A7813P	SANJAY GOSH	Understanding miRNA & mRNA regulation in human cancer	RAJDEEP CHOWDHURY	BIOLOGY
31	2013B1A8248P	SAI SHASHANK NARAYANAM	DNA data storage system	SHIBASHISH CHOWDHURY	BIOLOGY
32	2013B1A8817P	TARUN KUMAR VANGANI	DEEP LEARNING	YUE ZHANG	EEE
33	2013B1A8846P	KUNAL PARMANI	Understanding molecular basis of recognition of mRNA BY miRNA	SHIBASHISH CHOWDHURY	BIOLOGY
34	2013B1AB0428P	TANHYA CHITLÉ	Application of Artificial Intelligence in Mnfg. systems	S. ROUTROY	MECH
35	2013B1AB0864P	ANIKET SINGH	Development of a model for assessment of Mechanical Components Reliability	R. P.MISHRA	MECH
36	2013B1AB374P	SWARN SINGH BHAL	Study of circumsporozoite protein in plasmodium	SHILPI GARG	BIOLOGY
37	2013B2A10812P	BAYANA ANOOP MADHAV	Recognition of Hand Drawn Chemical Structures using Supervised Learning.	BHARTI KHUNGAR	CHEMISTRY
38	2013B2A10832P	ANUBHAV NARWAL	Development of inventory management system for chemistry laboratory	BHARTI KHUNGAR	CHEMISTRY
39	2013B2A10849P	ANANT KR. JAIN	Preparation of highly efficient and product specific catalysts for H <sub>2</sub> generation & CO <sub>2</sub> fixation.	CHEN HSIUNG-HUNG	CHEMICAL
40	2013B2A1782P	DEVANSH AGRAWAL	Synthesis & Optimization of various pathways to produce adipic acid using aspen.	SURESH GUPTA	CHEMICAL
41	2013B2A1843P	VISHAL RAJ	Pyranopyrazoles: their synthesis derivatization and characterization.	PARITOSH SHUKLA	CHEMISTRY
42	2013B2A1853P	NISHANT	Synthesis of Fused Nitrogen Heterocycles.	INDRESH KUMAR	CHEMISTRY
43	2013B2A1855P	BHUPENDER KUMAR	Heak type C-C bond formation reaction catalysed by nano catalysis.	BIBHAS RANJAN SARKAR	CHEMISTRY
44	2013B2A20845	HARSH SHARMA	Optimal solution for reinforced soil structures	RAVIKANT MITTAL	CIVIL

S.NO	BITS ID	Name	Topic	Supervisor	Department
45	2013B2A2815P	THODUPUNOORI AKHIL	Development of Pedagogical Softwares in Quantum Chemistry	PRASHANT U MANOHAR	CHEMISTRY
46	2013B2A2842P	RIJUL DUTTA	Synthesis and Photophysical Studies of heteroaromatic porphyrins.	DALIP KUMAR	CHEMISTRY
47	2013B2A30026P	HARDIK MITTAL	NANORODS BASED SENSOR MATERIAL DEVELOPMENT	ARNAB HAZRA	EEE
48	2013B2A30824P	SARTHAK RAHEJA	Acquiring water quality parameters and water quality assessment modelling	K K GUPTA	EEE
49	2013B2A30838P	HARSH SINGH	Speech recognition -signal processing, acoustic modeling, robustness and adaptation.	PAWAN K. AJMERA	EEE
50	2013B2A3268P	SANCHIT ADITYA NANGIA	Biometric image processing and feature extraction for knuckle images.	K K GUPTA	EEE
51	2013B2A3412P	YASH MAHAJAN	Amino-catalytic Direct Mannich reaction for the Synthesis of N-Heterocycles.	INDRESH KUMAR	CHEMISTRY
52	2013B2A3426P	PRANAV RAJ PRAKASH	Synthesis of new AIE active mechano luminescent materials & the study of their photophysical properties.	I R LASKAR	CHEMISTRY
53	2013B2A3426P	PRANAV RAJ PRAKASH	Synthesis of new-AIE active mechano luminescent materials and study of their photo-physical properties.	I R LASKAR	CHEMISTRY
54	2013B2A3787P	RUSHIL HANDA	Core-Shell Au-Ag Bimetallic New Particles for Surface enhanced Raman spectroscopy applications.	SUROJIT PANDE	CHEMISTRY
55	2013B2A3797P	ASHVJIT SINGH	Density Functional Reactivity Theory Based Study of Reaction Kinetics and Thermodynamics.	RAM KINKAR ROY	CHEMISTRY
56	2013B2A3828P	TISHAR SINGH		SAUMI RAY	CHEMISTRY
57	2013B2A3840P	SHIVAM ARORA	Co-ordination Chemistry	SAUMI RAY	CHEMISTRY
58	2013B2A40802P	ABHISHEK KATHURIA	Study of Risk Management in Health Care Supply Chain.	VINOD KUMAR	MECH
59	2013B2A40825P	YASHITHA JAISWAL	R programming for Supply Chain	SRIKANTA ROUTROY	MECH



S.NO	BITS ID	Name	Topic	Supervisor	Department
60	2013B2A4224P	ABHISHEK RAJ	Composition and structure of Cu In Se <sub>2</sub> thin films prepared by vacuum evaporation of the constituent elements.	SACHIN U BELGAMWAR	MECH
61	2013B2A4275P	KARTIK GANDHAM	Renewable energy	MANOJ SONI	MECH
62	2013B2A4777P	SURAYANE TIWARI	Development of Energy Efficient Systems for Electrical Vehicles.	A.K.DIGALWAR	MECH
63	2013B2A4814P	SHUBHAM BHARADIA	Nano Palladium (Pd) catalyst heck coupling reaction.	BIBHAS RANJAN SARKAR	CHEMISTRY
64	2013B2A4816P	AVISH VORA	Probing interactions of gemini surfactants with protein using AIE active molecules.	SUBIT KR. SAHA	CHEMISTRY
65	2013B2A4831P	SHUBHAM AGARWAL	Comparative catalytic properties of host guest systems for oxidation reaction.	SAUMI RAY	CHEMISTRY
66	2013B2A70827P	SRAJIT SAKHUJA	MODULE FOR HARTREE FOCK PROGRAM	RAM KINKAR ROY	CHEMISTRY
67	2013B2A7455P	VEDANT MISHRA	Hand Drawn Molecular Structure Recognition using Deep Learning.	BHARTI KHUNGAR	CHEMISTRY
68	2013B2A80829P	TARUN RAGHAV	Synthesis of AIE Active Polymeric Materials and Study of their Optical Properties.	I R LASKAR	CHEMISTRY
69	2013B2A8799P	GUPTA HARSHIL ASHWANI	Synthesis Characterization and Docking Studies of Tacrine Derivatives.	PARITOSH SHUKLA	CHEMISTRY
70	2013B2A8847	KARAN JAJU		SHAMIK CHAKRABORTY	CHEMISTRY
71	2013B2AB429P	DAULAT DAGA	Studying sonogashira reaction using Nano Pd catalyst.	BIBHAS RANJAN SARKAR	CHEMISTRY
72	2013B2AB835P	PREKSHA AGRAWAL	Supply chain Management	S. ROUTROY	MECH
73	2013B3A10495P	ABHISHEK AGARWAL	Social Impact Assessment	JYOTI	MANGT
74	2013B3A10757P	CHINMAY SINGHAL	The Future of Crypto Currency	ARUN KR VAISH	ECO FIN

S.NO	BITS ID	Name	Topic	Supervisor	Department
75	2013B3A1611P	SUMANT SUHAS MULKALWAR	Development of control system for biomass gasification unit	PRATIK N SHETH	CHEMICAL
76	2013B3A1714P	ABHINAV ADARSH	ECONOMICS OF CRYPTOCURRENCY	A K VAISH	ECO FIN
77	2013B3A20596P	A REDDY KUMAR SIMHA	STARTUPS-MARKETING AND EXPANSION	ARUN KUMAR	ECO FIN
78	2013B3A2592P	SHREY TALWAR	CBR AND PERMEABILITY VARIATION OF COAL- DUST SOIL	KAMLESH KUMAR	CIVIL
79	2013B3A2655P	INDRAYANI BARGAJE	CBR AND PERMEABILITY VARIATION OF COAL- DUST SOIL	KAMLESH KUMAR	CIVIL
80	2013B3A2758P	SUNNY PARUTHI	Social Impact Assessment	JYOTI	MANGT
81	2013B3A30512P	YASH THYAGI	SENMENTAL ANALYSIS ON THE STOCK PRICES	SAURAB CHADHA	ECO FIN
82	2013B3A30658P	VINAYAK AWASTHI	Real time application of internet of things.	VINAY CHAMALA	EEE
83	2013B3A3531P	ABHISHEK GUPTA	Stock Market Volatility And Business Cycle: India	RAJAN PANDEY	ECO FIN
84	2013B3A3645P	RAVNEET S BANSAL	Historical Economic Analysis Of Financial Crisis	SANJIV KR CHAUDHARY	ECO FIN
85	2013B3A3652P	AYUSH GUPTA	Back Testing Various Option Strategies On Nifty Historical Data and Determining Impact Of Embracing Downside Risk	N V M RAO	ECO FIN
86	2013B3A3672P	ANUBHAV GUPTA	Face recognition for biometric application	K K GUPTA	EEE
87	2013B3A40647P	ANGAD SINGH DHANIJA	Supply Chain Management	S. ROUTROY	MECH
88	2013B3A7731P	BRAJESH SHISHIR	Relationship Strategies in Indian Airline Sector	ARUN KUMAR	MANGT
89	2013B3A80365P	TANYA SRIVATAVA	Embedded systems (seuering embedded software against information leakage)	SUDIPTA CHATTOPADHYAY	EEE
90	2013B3A80665P	SHONHIT TRENEN	Analysing Community Crypto Currency Volatility	RAJAN PANDEY	ECO FIN
91	2013B3A8479P	KSHITIJ PRAFULL PANSE	Quantum Computers- An Industry Analysis	ARUN KUMAR	MANGT

S.NO	BITS ID	Name	Topic	Supervisor	Department
92	2013B3A8678P	SHRENIK BORAD	INTEGRATION AND ANALYSIS OF WIND POWER GENERATOR	H D MATHUR	EEE
93	2013B3A8737P	ARCHIT CHAUDHARY	MACRO ECONOMIC EFFECT	SAURAB CHADHA	ECO FIN
94	2013B3AB0565P	NIKHIL R	Maintenance Scheduling	R.P.MISHRA	MECH
95	2013B3AB538P	AMANDEEP SINGH	Finance/Factor Investment	N V M RAO	ECO FIN
96	2013B3AB653P	HEMANSHU KALE	3D Modelling of surroundings using EMW/ultrasonic Sensors with abstacle avoidance Mounted on a vehicle.	MURALI PALLA	MECH
97	2013B3AB754P	JANESH SINGLA	Econometric model: Economic growth and carbon emission	ARUN KR VAISH	ECO FIN
98	2013B3AB756P	AKSHAY KULKARNI	CRITICAL ANALYSIS OF BLOCKCHAIN	A K VAISH	ECO FIN
99	2013B4A10385P	KARTIK KOCHHAR	Predictive (Statistical) Modelling of Equities	SUMANTA PASARI	MATHS
100	2013B4A10773P	PARUL BEHL	Incorporating Risk and Cost in Global Sourcing Decision	SATYENDRA KUMAR SHARMA	MATHS
101	2013B4A10795P	AAYUSH GUPTA	Cost Estimation Comparison for Hydrogen Production via Low Temperature Steam Reforming and Aqueous Phase Reforming from Ethanol	RAKHEE	MATHS
102	2013B4A1211P	TANUJ ARORA	Optimization of air flow recipe in biomass stove.	PRATIK N SHETH	CHEMICAL
103	2013B4A1786P	ANKUR KUMAR	Study and application of optimization techniques.	AJAYA KR. PANI	CHEMICAL
104	2013B4A20760P	SNEHA	Design of wastewater treatment plant using MBBR (MOVING RED BIOFILM REACTOR)	ANUPAM SINGHAL	CIVIL
105	2013B4A2790P	KUNAL BANSAL	Ground Improvement Using Waste Material	RAVIKANT MITTAL	CIVIL
106	2013B4A30503P	ANKIT DUBE	Estimation of the Parameter Using Metropolis Hasting Algorithm in Queueing System	CHANDRA SHEKHAR	MATHS

S.NO	BITS ID	Name	Topic	Supervisor	Department
107	2013B4A30762P	SHAMBHAVI VERMA	Architectural Floor Plan Designs using Graph Theory	KRISHNENDRA SHEKHAWAT	MATHS
108	2013B4A30781P	ATHARV GUPTA	Supply Chain Risk Quantification and Impact of Risk Mitigation on Supply Chain	SATYENDRA SHARMA	MATHS
109	2013B4A3619P	SHIVANI CHOUDHARY	OPTIMIZATION AND HARDWARE IMPLEMENTATION OF IOT DEVICES	FARZAD SAMIE	EEE
110	2013B4A40108P	N V S S KOUNDINYA	Study of the Inventory Modeling of Non-Perishable Items	RAKHEE	MATHS
111	2013B4A40471P	SHUBHAM CHOUDHARI	Optimization of Multi Level Supply Chain Management with Focus on Inventory Management and Network Design	SATYENDRA SHARMA	MATHS
112	2013B4A40607P	SIDDHANT JAIN	Solving Dynamic Facility Layout Problem using Tabu Search	RAJESH MATAI	MATHS
113	2013B4A40726P	VARUN KARULKAR	Applications of Hele-Shaw Flows in Micro fluidic Devices.	SHYAM SUNDER YADAV	MECH
114	2013B4A40768P	AKASH PANIGRAHI	Development of Expert systems and windows application for sales forecasting using traditional and non-convestional Method.	S. ROUTROY	MECH
115	2013B4A40775P	AMOL SRIVASTAVA	An Exhaustive Review of Marketing Model: Current State of Art	ANIL KUMAR BHAT	MATHS
116	2013B4A40793P	PRANJAL MITTAL	Investigation into Effectiveness of E-marketing Campaigns	ANIL K. BHAT	MATHS
117	2013B4A4607P	SIDDHANT JAIN	Solving dynamic facility layout problem using TABU Search	RAJESH MATAI	MANGT
118	2013B4A70470P	PRANJAL GUPTA	Image Analysis in Social Media for Suicide Risk Prediction	SANDRA BRINGAY	CSIS
119	2013B4A70588P	ANMOL KUMAR GUPTA	Connections between discrete and continuous models for biological images analysis	IVO F. SBALZARINI	MATHS

S.NO	BITS ID	Name	Topic	Supervisor	Department
120	2013B4A70601P	PRYANSHU ARORA	Securing Embedded Software Against Information Leakage	SUDIPTA CHATTOPADHYAY	CSIS
121	2013B4A70743P	AKUL SAREEN	Applications of Discrete Mathematics and Graph Theory to Forensic Footwear Analysis	MARTIN HERMAN	MATHS
122	2013B4A7586P	JASKAMAL KAINTH	Schedulings Algorithms	ABHISHEK MISHRA	CSIS
123	2013B4A7716P	ARJUN DABRA	Factorization Algorithms	ABHISHEK MISHRA	CSIS
124	2013B4A7725P	S VIVEK	Biometric Template Security	KAMLESH TIWARI	CSIS
125	2013B4A7834P	DEEPANSHU NAGPAL	Design of Classification algorithms for Social Media Analytics	NAVNEET GOYAL	CSIS
126	2013B4A80195P	VISHESH SHARMA	Finding Hamiltonian Cycle and Drawing Subgraphs in Planar Graphs	RAJIV KUMAR	MATHS
127	2013B4A80529P	AJINKYA GAIKWAD	Solving Dynamic Facility Layout Problem using Simulated Annealing	RAJESH MATAI	MATHS
128	2013B4A80638P	PANKIT JAIN	Fuzzy Analysis of the Service System	CHANDRA SHEKHAR	MATHS
129	2013B4A80703P	SHUBHAM SHARMA	Minimal $\{k, k\}$ -Equivelar Maps	BASUDEB DATTA	MATHS
130	2013B4A80739P	SHUBHAM KUMAR	Hamiltonian Cycles and Planar Graph	RAJIV KUMAR	MATHS
131	2013B4A80764P	HARSHITA RAJPUROHIT	A Study of Facility Layout Problems using Graph Theory	KRISHNENDRA SHEKHAWAT	MATHS
132	2013B4A80772P	RAGHAV MAHESHWARI	Mathematical Analysis of Two Fluid Model of Blood Flow Through Artries	ASHISH TIWARI	MATHS
133	2013B4A80796P	SALIL BHANDARI	Optimisation of Multi Level Supply Chain Management with Focus on Capacity Planning and Revenue Management	SATYENDRA SHARMA	MATHS
134	2013B4A8529P	AJINKYA GAIKWAD	Solving dynamic facility layout problem using modified SA	RAJESH MATAI	MANGT
135	2013B4AB0788P	SHAIK RAHEEMUDDIN SAMEER	Application of Mathematical Modelling in Sustainable Supply Chain	RAKHEE	MATHS

S.NO	BITS ID	Name	Topic	Supervisor	Department
136	2013B5A1696P	MANISH GODARA	(Mg) <sub>n</sub> Zn [n= 1-10] nano clusters as hydrogen storage element	D BANDYOPADHYAY	PHYSICS
137	2013B5A1783P	KUMAR NIMITT	QUARK GLUON PLASMA	MADHUKAR MISHRA	PHYSICS
138	2013B5A20572P	RAHUL NARULA	Experimental analysis of basalt fibers reinforced concrete beams.	G MUTHUKUMAR	CIVIL
139	2013B5A2649P	UDIT PRAKASH	Glauber model and its implication in heavy ion collision	MADHUKAR MISHRA	PHYSICS
140	2013B5A2791P	VIDYA SAGAR	Transition metal doped cationic Ga-As semiconductor clusters	D BANDYOPADHYAY	PHYSICS
141	2013B5A3355P	ANIRUDH VENU	Predictive model for education technology.	CHRISTOPHER BOEXH	EEE
142	2013B5A3440P	PIYUSH SHARDA	VARIABLE ACCRETION ON ROTATION OF FORMING STARS	SEAN MATT	PHYSICS
143	2013B5A3467P	VISHNU SHARMA	Periodically driven systems : Chaos, entanglement, and all that	J N BANDYOPADHYAY	PHYSICS
144	2013B5A3550P	AKANKSHA SONI	Study and analysis of high speed nano-electronics circuits	NILADRI SARKAR	PHYSICS
145	2013B5A3620P	UTKARSH SINGH	Study of shell closing model in Al <sub>m</sub> P <sub>n</sub> with TM doping	D BANDYOPADHYAY	PHYSICS
146	2013B5A3680P	SUBHENDRA SINGH	Forced quantum systems and generation of artificial potentials	T G SARKAR	PHYSICS
147	2013B5A3695P	SREENIKETH	Laser propagation in stratified medium and its application in laser plasma interactions	AMOL HOLKUNDKAR	PHYSICS
148	2013B5A3761P	SHUBHI GARG	Cd-Ac semiconductor clusters ; A DFT study	D BANDYOPADHYAY	PHYSICS
149	2013B5A3780P	RISHABH AGARWAL	Development of MEMS-based capacitive micromachined ultrasonic transducer.	CHANDRA SHEKHAR	EEE
150	2013B5A3798P	ANTARANG JAIN	Phase transition in biopolymers	NAVIN SINGH	PHYSICS
151	2013B5A40583P	S SARATH SANKAR	Smoothed Particle Hydrodynamics	SHYAM SUNDER YADAV	MECH

S.NO	BITS ID	Name	Topic	Supervisor	Department
152	2013B5A40688P	ADITYA VIJAY KUMAR	Chaos and its Applications	PALLAB BASU	MECH
153	2013B5A4446P	PALASH TRIPATHI	Theoretical studies of light emission from scanning tunneling microscope	SRIJATA DEY	PHYSICS
154	2013B5A4557P	PRAGATI RATAN	Monte Carlo simulations based studies of machines	NAVIN SINGH	PHYSICS
155	2013B5A4735P	KUNAL SAMAR	(Mg) <sub>n</sub> Hf [n= 1-10] nano clusters as hydrogen storage element	D BANDYOPADHYAY	PHYSICS
156	2013B5A4809P	VISHAL	(Mg) <sub>n</sub> Ti [n= 1-10] nano clusters as hydrogen storage element	D BANDYOPADHYAY	PHYSICS
157	2013B5A4811P	SHRIYA MISHRA	Condensed matter/optical physics	R R MISHRA	PHYSICS
158	2013B5A7417P	PRANESH ANUBHAV	Study of shell closing model in Al <sub>n</sub> P <sub>m</sub> with TM doping	D BANDYOPADHYAY	PHYSICS
159	2013B5A7713P	RAHUL SHARMA	Optimizing wide-parameter Space searches for continuous gravitational waves	REINHARD PRIX	PHYSICS
160	2013B5A7767P	MANISH MISHRA	Enhancing performance of optical fibre communication	SRIJATA DEY	PHYSICS
161	2013B5A7810P	SRAJAN JAIN	Development of Methods of Real Time Image	PASCAL HERSEN	CSIS
162	2013B5A80784P	AARZOO SHARMA	Power electronic convertor for wind energy.	ASHISH PATEL	EEE
163	2013B5A85039P	NITYASA MISHRA	By periodic driving, Properties of static systems can be altered. In the proposed thesis, we would like to investigate how the properties of graphene like systems change.	ARNAB HAZRA	EEE
164	2013B5AB462P	BALAVARUN PEDAPUDI	Fast Fluid Dynamics	AAKASH .C. RAI	MECH
165	2013B5AB770P	RAGHAV KUMAR	Monte Carlo simulations based studies of materials & machine	NAVIN SINGH	PHYSICS
166	2014A1PS0569P	RACHANA DANDE	Development of Zn and Fe doped TiO <sub>2</sub> for biomedical applications	BANASRI ROY	CHEMICAL

S.NO	BITS ID	Name	Topic	Supervisor	Department
167	2014A1PS653P	HIMANSHU GUPTA	Modeling, simulation and control of chemical processes.	HARE KRISHNA MOHANTA	CHEMICAL
168	2014A1PS683P	RAHUL ANIL KUMAR	Study and application of non-linear multi variate statistics	AJAYA KR. PANI	CHEMICAL
169	2014A2PS0726P	SUBHAM THAKUR	Removal of nitrate & Fluoride contaminants using different treatment technologies	AJIT PRATAP SINGH	CIVIL
170	2014A2T50634P	VEDANT JAGDISH PATIL	Investigations on Improvements of flexible Pavements: An Empirical study	AJIT PRATAP SINGH	CIVIL
171	2014A2TS0602P	ONKAR ASHISH	EFFECT OF SKEWNESS ON WHEEL LOAD	MANOJ KUMAR	CIVIL
172	2014A2TS0654P	ABHISHEK KANDPAL	Removal of arsenic from drinking water by adsorption method	ANUPAM SINGHAL	CIVIL
173	2014A2TS0760P	NISHIT JOSEPH	Performance Evaluation of Highway pavements using soft computing techniques	AJIT PRATAP SINGH	CIVIL
174	2014A2TS0771P	AYUSH AMAN GUPTA	Water Resource Planning and Management	R SRINIVAS	CIVIL
175	2014A2TS0782P	PIYUSH KUMAR	Water Resource Planning and Management	R SRINIVAS	CIVIL
176	2014A2TS0787P	ABHINAV SHARMA	Removal of fluoride from drinking water using adsorption method	ANUPAM SINGHAL	CIVIL
177	2014A2TS0788P	AKSHANSH RAJ	Analysis the effect of building renovation	VISHAKHA SAKHARE	CIVIL
178	2014A2TS0796P	KABIL BHARGAVA	Solid waste management	ANUPAM SINGHAL	CIVIL
179	2014A3PS0178P	SIDDARTH GUPTA	Deep learning methods for face recognition.	K K GUPTA	EEE
180	2014A3PS0271P	MANDAR WAMAN KHAPEKAR	sliding mode & retroactive cast adaptive control for inductor motor drive.	DHEERENDRA SINGH	EEE
181	2014A3PS0295P	AKHIL JAINI	Low frequency radio astronomy and instrumentation.	AVINASH DESHPANDE	EEE



S.NO	BITS ID	Name	Topic	Supervisor	Department
182	2014A3PS200P	NIKHIL VERMA	Generating natural language descriptions from formal language text	MONJIT CHOUDHURY	EEE
183	2014A3TS0048P	R. GAUTHAM SUNDAR RAM	Hardware software co-design based accelerator for deep learning applications.	NITIN CHATURVEDI	EEE
184	2014A3TS0179P	RISHABH BHARDWAJ	Statistical natural language processing & machine learning.	LU WEI	EEE
185	2014A3TS0219P	SIDDHARTH K	Deep recurrent neural network for live recognition from surgical videos.	NICOLAS PANDAY	EEE
186	2014A3TS0251P	BINDU PRIYA K	5G Protocols	SAI NATH BITRAGUNTA	EEE
187	2014A3TS0263P	SYED ABDUS SATTAR	HIGH SPEED ELECTRONIC DEVICE	V K CHAUBEY	EEE
188	2014A3TS296P	ADITYA MANGLIK	Machine learning architectures for internet of things in health care application.	MUHAMMAD SHAFIQUE	EEE
189	2014A4PS0265P	MOHIT TATHI	Machine Health Monitoring.	B.K. ROUT	MECH
190	2014A4PS0315P	PARIKSHIT AGRAWAL	Development of learning factory modules and optimization via production planning.	K.S.SANGWAN	MECH
191	2014A4pS0317P	RITESH YADAV	Hyper-Redundant Robots	B.K.ROUT	MECH
192	2014A4PS0327P	MELTA MANISAI K.K.	Fault Diagnosis	A.K.JALAN	MECH
193	2014A4PS341P P	ROHAN SINGH	Bipedal robotics	B.K.ROUT	MECH
194	2014A4TS0090P	SANCHIT HIRA	Joint loading analysis of a Humanoid under Dynamic loading conditions	B.K.ROUT	MECH
195	2014A4TS0273P	MOHANISH GOEL	Investigating stability diagram for Euler-Bernoulli beam under arial time-periodic loading.	A. M.MARATHE	MECH
196	2014A4TS0289P	MAHARSHI MEHTA	Meshless and Meshed finite element methods to find natural frequencies of a Cantilever beam.	A. M.MARATHE	MECH
197	2014A4TS0371P	K.GAUTAM	Supply Chain Management	S. ROUTROY	MECH

S.NO	BITS ID	Name	Topic	Supervisor	Department
198	2014A4TS0381P	B.SAICHARAN	Medeling and Experimentation of Evaporation and Particle Transport in sessile Droplets	SAPTARSHI BASU	MECH
199	2014A4TS0398P	ROHIT GANAPATHY	Improving forecasting accurocy using artificial intelligence.	SATYENDRA SHARMA	MECH
200	2014A4TS344P	SHASHVAT SANGWAN	Supply Chain Management	S. ROUTROY	MECH
201	2014A5PS0376P	AISHWARIA NIGAM	Nanotechnology based targeted drug delivery system	ANIL JINDAL	PHARMACY
202	2014A5TS0180P	TANYA BHATT	Novel drug Delivery Sytem	R.N SAHA, BITS-DUBAI	PHARMACY
203	2014A5TS0401P	KIRTI SINGH	Studies in biochemical pathways underlying certain neuropharmacological diseases/disorders	R MAHESH	PHARMACY
204	2014A5TS0551P	KAUSHIK RAMESH I	Nanocrystal based drug delivery system	M.M PANDEY	PHARMACY
205	2014A5TS0612P	SIDDARTH KAUSHAL	TLC/HPLC profiling of some medicinal plant /algae	ATISH T. PAUL	PHARMACY
206	2014A5TS0621P	RITUPARUNA PRAHARAJ	Analysing the Supply chain of generic medicine in rural area.	SRIKANTA ROUTROY	PHARMACY
207	2014A5TS0824P	HARSHIT NUNIA	Design of supply chain for vaccines and biotherapeutics	SUNIL K.DUBEY	PHARMACY
208	2014A5TS0840P	EESHA DINKAR	Neuroprotective effect of blocking amyloid precursor protien in intracellular signalling	DAWIN DAWE,	PHARMACY
209	2014A7PS0025P	SIDDHARTH AGARWAL	NARRATIVE STRATEGIES OF SHORT FILMS A COMPARATIVE STUDY OF WESTERN AND INDIA CINEMA	SUSHILA SHEKHAWAT	HSS
210	2014A7PS0025P	SIDDHART AGARWAL		J JENNIFER RANJANI	CSIS
211	2014A7PS0032P	MALLIKARJUN SWAMY	Extraction and Analysis of 3D Location and Shape of Internal Organs	SERGI PUJADES ROCAMORA	CSIS
212	2014A7PS0035P	AKSHIT CHOPRA	RPM Prediction and Biding for Online Advertising	PARAS MALIK	CSIS

S.NO	BITS ID	Name	Topic	Supervisor	Department
213	2014A7PS0060P	SUBHASH KUMAR SAMOTA	DESIGN AND DEVELOPMENT OF A FRAMEWORK FR PROCESSING QOS IN HYBRIT SDN	K HARIBABU	CSIS
214	2014A7PS0077P	AKSHIT JOHRY	Quantum Annealing	ABHISHEK MISHRA	CSIS
215	2014A7PS0088P	MANIK BHANDARI	Knowledge Graphs (NLP)	PARTHA TALUKDAR	CSIS
216	2014A7PS0102P	RISHABH JOSHI	Knowledge Graphs (NLP)	PARTHA TALUKDAR	CSIS
217	2014A7PS0111P	MAYANK AGARWAL	Deep Learning Techniques for Computer Vision	R VENKATESH BABU	CSIS
218	2014A7PS0114P	ARPIT PANDA	Software Defined Networks	K HARIBABU	CSIS
219	2014A7PS0157P	PULKIT GUPTA	Machine Learning, Accessibility	GOPAL SRINIVASA	CSIS
220	2014A7PS074P	MOHIT YADAV	Design and Development of Efficient Algorithm(s) for Solving the Problem of Multi-robot Task Allocation	AVINASH GAUTAM	CSIS
221	2014A7PS083P	ISHANT GUPTA	Some Probabilistic Graphical Models for Speech Recognition	MUKESH KUMAR ROHIL	CSIS
222	2014A7PS121P	SUBHAM KUMAR	Visualization & Analysis of Medical Images	SUNDARESAN RAMAN	CSIS
223	2014A7PS138P	S HARI VENKATA KRISHNA	Security in Cloud Computing	AMIT DUA	CSIS
224	2014A7PS152P	JASPREET SINGH	Content based recommendation for effective question answer sysetms	YASHVARDHAN SHARMA	CSIS
225	2014A7TS0107P	AMEESHA MITTAL	Developing a Conversational Agent in Support of Online Teaching	LORGENZO VIGENTINI	CSIS
226	2014A7TS0113P	VIDHI JAIN	Deep Learning in Speech Recognition and Natural Language Processing	AARON COURVILLE	CSIS
227	2014A8PS0412P	MAYUR MAHAJAN	Load forecasting on the electric gird via computational intelligence methods	H. D. MATHUR	EEE
228	2014A8TS0454P	AASHISH RICHHARIYA	Design & developament of efficient algorithn(s) for solving the problem of multi-robot terrain coverage.	SUDEEPT MOHAN	EEE

S.NO	BITS ID	Name	Topic	Supervisor	Department
229	2014A8TS0464P	SAGNIK MAJUMDER	Deep learning generation of neural architectures using deep reinforcement learning	VISVANATHAN RAMESH	EEE
230	2014ABPS0865 P	PRANJAL SINGHAL	Thermodynamics Based optimization optimize and control Vapour Power cycle (Rankine Cycle)	P.SRINIVASAN	MECH
231	2014ABTS0109 P	ANAND MOHAN YADAV	Demand-Supply mismatch in supply chains	SATYENDRA K.SHARMA	MECH
232	2014ABTS0519 P	CHARU TAK	Computer Aided Design, Augmented Reality Rendering modifiable bezier & BSP Line annes in Augmented reality.	JYOTI ARORA	MECH
233	2014ABTS0855 P	RISHABH GUPTA	Implications of Lean Manufacturing on Environment, Society and Economy: Literature Review.	K.S. SANGWAN	MECH
234	2014B1PS0261P	DIVYANSH SAINI	Analysis of research/ market created by various startups in the bio space linking into traditional research in academia	SHIBASHISH CHOWDHURY	BIOLOGY
235	2014B2TS0965P	SMITI YADAV	Synthesis and Characterization of Imine Ligands and their Coordination polymers,.	BHARTI KHUNGAR	CHEMISTRY
236	2014B3TS0630P	ADITI SINHA	How Data Collection Can Help Government Make Better Decisions	ABHIJIT SARKAR	ECO FIN
237	2014B5A40664P	SIBESH KAR	System and Method for Multi-Modal Transit	J N BANDYOPADHYAY	CIVIL
238	2014B5TS0482P	ABHISHEK SETHI	Digital holographic microscopy and use in studying cell biology	SHASHI THUTUPALLI	PHYSICS
239	2014B5TS0947P	SMRITI JOSHI	Charmonium production in asymmetric nuclear collision	MADHUKAR MISHRA	PHYSICS
240	2014B5TS0957P	AKANKSHA AGARWAL	Instrumentation in Biophysical measurements of cell	GAUTUM SONI	PHYSICS
241	2014C2PS0339 P	AAYUSH SHARMA	URBAN CULTURAL STUDIES	SOMDATTA BHATTACHARYA	HSS
242	2014D2TS0979P	RASHMI CHAUDHRY	MEDIA STUDIES & ADVERTISEMENT TITLE-COST BENEFIT ANALYSIS	DEVIKA	HSS

S.NO	BITS ID	Name	Topic	Supervisor	Department
			OF SOCIAL MEDIA MARKETING		
243	2014D2TS0991P	VIKASH	ROLE OF COMMUNICATION SKILL IN MARKETING STRATEGIES: A CASE STUDY OF LAPTOP AND MOBILE PURCHASE BY BITSIAN STUDENT.	DEVIKA	HSS
244	2014D2TS0992P	RATAN SINGH	PUBLIC SPEAKING ANXIETY AMONG ENGINEERING STUDENTS: AN EMPIRICAL STUDY	PUSHP LATA	HSS
245	2103B3A70673P	AKSHIT REDDY SADDI	Credit rating prediction using machine learning algorithms	KRISHNA M.	ECO FIN

#### K.K.BIRLA GOA CAMPUS

SI No	BITS ID	Name	Topic	Supervisor	Department
1	2013B1A80805G	Umesh Pathak	Disease module identification from biological networks	Dr. Sukanta Mondal	Biological Sciences
2	2013B1A10907G	Srinath Ramkumar	Mechanisms in Cardiac Valve regeneration	Prof. Didier Stainier, Ph.D	Biological sciences
3	2012B1A10621G	Narayan Bhutada	Multimodal Deep neural networks for brain map data analysis	Harikrishna Valiyath	Biological sciences
4	2013B1A8905G	Arunav Konwar	Deep Learning for visual servoing	Prof. Eric Marchand	Biological Sciences
5	2013B1A70792G	Ananya Kshatrapati Shivaditya	The Development of Machine learning components to create a scientific model to understand the performance of PV modules in different climate zones	Dr. Mridul Sakhuja	Biological Sciences
6	2016H1290007G	Chaitra kachare	Purification of Recombinant Proteins	Dr. Ashok Mishra	Biological sciences
7	2013B1A70895G	Shourya Agarwal	Making a Dashboard for Fetal Distress Monitor to showcase the fetus-mother data trends	Vibhav Joshi	Biological sciences

SI No	BITS ID	Name	Topic	Supervisor	Department
8	2014A1PS647G	Onkar M Joshi	Dynamic Simulation of integrated process systems	Dr. Sujit S Jogwar	Chemical Engineering
9	2013A3B2186G	Dishant Banwari	TPE derivatives as AIE-based sensors	Dr. Amrita Chatterjee	Chemistry
10	2013B2A40882G	Sumit Arya	Evaluation of design practices and failure modes for steam Turbine Modules of OEMs for various rating utility thermal sets	Neeraj Verma	Chemistry
11	2013B2A1689G	Tulasi Ravindran	Membrane Separations (with a focus on water treatment and reuse)	Jeffrey McCutcheon	Chemistry
12	2014A7PS0012G	Kishore k.B	User profiling of recommender systems	Prof. Bharath M. Deshpande	computer science
13	2014A7PS095G	Gaurav Haloi	Creation of datasets and interactive data visualizations to explore the movies of satyajit ray	Dr. Geetha B	Computer Science
14	2013B4A7829G	Varad Deshpande	Key Recovery attack on QC-MDPC based McEliece Cryptosystem	Dr. Prabal Paul	Computer Science
15	2013B1A70656G	Advait	Current AI methodologies in Cell Biology and Drug Action	Dr. Ravi Iyengar	Computer Science
16	2013B5A70658G	Tanuja Sunil Sawant	Spatial Audio interfaces to empower visually impaired persons	Dr. Manohar Swaminathan	Computer Science
17	2014A7PS0103G	Yash Shailesh Mehta	Part of Speech Tagging, Natural Language Processing	Asst. Prof. Erik Cambria	Computer Science
18	2013B3A70439G	Achyudh Ram K	Opinion mining of GitHub Pull Request Discussions	Dr. Mei Nagappan	Computer Science
19	2014A7PS0020G	Dhruv Passey	Scalability Engineering: Separate treasury backend processes (that generate treasury data) from treasury user interface application and optimize memory consumption of both the instances.	Shreya Samsukha	Computer Science
20	2014A7PS0403G	Amit Agarwal	Secure VM Placement in cloud data centers	Ta Nguyen Binh Duong	Computer Science
21	2013B1A70868G	Apurva Bhandari	Engineering work to develop an LIT service to enable NUS facility to assign Jupyter Notebook problems directly from IVLE and assist	A/prof. Christopher Boesch	Computer Science

SI No	BITS ID	Name	Topic	Supervisor	Department
			to build some initial predictive models based on application log data.		
22	2014A7PS0034G	Omkar Kulkarni	Machine Learning and Digital Music- Music Hit Prediction	Dorien Herremans	Computer Science
23	2014A7PS0105G	Pathikrit Ghosh	High Performance Computing: Developing solution for in situ analytics of the data produced by large parallel simulations	Bruno Raffin	Computer Science
24	2014A7PS0054G	Murali Aniruddhan	Recent results in Automate theory with applications to formal verification	Dr. K. Narayan Kumar	Computer Science
25	2013B2A70866G	Rajat Agarwal	Neural Program Synthesis	Dr. Prateek Jain	Computer Science
26	2014A7PS0393G	Chirag Ramdas Pabbaraju	Gesture Recognition on Tiny Devices	Prateek Jain	Computer Science
27	2014A7PS0068G	Ishani Ghose	Structure extraction from emails	Arun Iyer, Suresh Parthasarathy	Computer Science
28	2013ASPS0697G	Nimje Ankit Sanjay	Samantic Analysis of Computer games	De.Ramprasad Joshi	CS&IS
29	2013B3A70516G	Gaurav Narula	Research Decentralized, cryptographic algorithms and implement the usability and user-interface tools for the cothority framework	Bryan Ford	CS&IS
30	2013B3A40398G	Vaibhav Sharma	Assessing performance of Non-Agricultural Enterprises in India	Dr. Aswini Kumar Mishra	Economics
31	2013B3A30594G	Avinash Kumar Rai	Causes trends and outcomes of Income Inequality	Debasis Patnaik	Economics
32	2013B3A30497G	Vikas Mishra	Comparison Metric for Privacy	Paul Francis	Economics
33	2013B3A70826G	Dhruv Jain	Analysis of Opportunities for digital investments in india from consumer & market readiness perspective	Rohit Sood	Economics
34	2013B3A10575G	Animesh Okhade	Government response to cost of cultivation data	Dr. Sandip Kr. Agarwal	Economics
35	2013A3PS0299G	Matcha Rakesh Varma	Home automation using EEG based brain computer Interface	Sarang C Dhongdi	EEE

SI No	BITS ID	Name	Topic	Supervisor	Department
36	2014A3PS0758G	Ameay Desai	Analysis of Muscle synergies with applications in prosthetics	Dr. Samit Chakrabarty	EEE
37	2013B5A80456G	Prabhune Rhushikesh Anand	Frequency based energy harvesting electronic design and testing over different frequency bands and battery system Management	Pr. Hakima Chaouchi	EEE
38	2013B2A80877G	Samyak Dhole	Synthesis of 2-D Perovskites and optoelectronic applications	Shaibal K Sarkar	EEE
39	2014A3PS0764G	Ryan Dsouza	Architectural Simulation for the RISC-V Instruction Set	Dr. Smruti R. Sarangi	EEE
40	2014A3TS0141G	Shreyansh Premchand Chhajer	Porting an OS on SHAKTI Cores	Prof. V. Kamakoti	EEE
41	2014A3TS0181G	R Hari Krishnan Unnithan	Porting an OS on SHAKTI Cores	Prof. V. Kamakoti	EEE
42	2014A8PS0471G	Shubh Vachher	Wrist wearable camera for hand and finger configuration detection, an HCI Study	Dr. Chun Yu	EEE
43	2013B5A3470G	Sangeeth S. Varma	Engineering Electron flow in 2- Dimensional layered systems	Dr. Madhu thalakulam	EEE
44	2013B2A80770G	Akshay Jha	Small Signal stability Analysis of wind power Intergrated power Systems	Shashidhara Mecha Kotian	EEE & ENI
45	2014A8PS0166G	Shruthi Joshi	Building a Brain Machine interface for controlling attention	Prof. Sridharan Devarajan	EEE&I
46	2014A8PS0498G	Sairaj Khope	RF and Millimeter-wave Optoelectronic Interfaces	Prof. James Buckwalter	EEE&I
47	2013B4A8662G	Mridul Seth	Application of Random Walks on Networks	Renaud Lambiotte	EEE/ENI
48	2013B4PS0518G	Harish C	Arithmetic of Elliptic curves	Dr. Himadri Mukherjee	Mathematics
49	2013B4A4644G	Ishan Mishra	Algebra of Nambu structures over a manifold	Shilpa Gandhali	Mathematics
50	2014B4PS454G	B.T. Prabhu	Homotopy type theory	Himadri Mukherjee	Mathematics
51	2013B4A8836G	Siddharth Iyer	Understanding relation between properties of	Dr. Shilpa Gandhali	Mathematics



SI No	BITS ID	Name	Topic	Supervisor	Department
			fundamental group and space		
52	2013B4A70776G	Aparajita Haldar	Computational Natural Language Understanding	Dr. Benjamin Van Durme	Mathematics
53	2013B4A70541G	M Ramchandran	Efficient Algorithms for Large Scale Optimization	Madeleine Udell	Mathematics
54	2013B4A80590G	Vichar Shroff	Advanced Remote sensing and Geographic information system in precision agriculture	Dr. Yossi Benayoun	Mathematics
55	2013B4A8590G	Harsh Malaiya	Joint Inventory- Routing Problems and Solution techniques	Dr. Sunil Agarwal	Mathematics
56	2013B4PS0500G	Chetan Reddy	3D Image Processing and Visualization in precision agriculture	Dr. Yossi Benayoun	Mathematics
57	2013B4A70668G	Namrata A Shettar	Advancing the computational methods for automated analysis of EM-based connectomics data	Dr. H Helmstaedter	Mathematics
58	2014A4PS0390G	Anshika Sahu	Creep analysis in Polymers	Dr. Sachin Waigonkar	Mechanical Engineering
59	2013B5A4285G	Siddharth Paliwal	Entropy and Information Geometry	Dr. Kinjal Banrejee	Mechanical Engineering
60	2013B4A40591G	Nikhil Jain	The effect of lean six sigma principles on athletic performance in football	Dr. Varinder Singh	Mechanical Engineering
61	2014A4PS0262G	Anshul Sandhu	Investigating the Impact of Maintenance Policies on manufacturing systems	Dr. Varinder Singh	Mechanical Engineering
62	2014A4PS0219G	Ponugoti Nikhil	Economic Data Analysis Using Econo Physics Methods	Dr. Chandrew Sharma	Mechanical Engineering
63	2013B1A40749G	Srijani Biswas	A study of the plasticity of ast	Dr. Swananda Marathe	Mechanical Engineering
64	2013A4B50280G	Aabir Abubaker Kar	Applications of statistical mechanics to social dynamics	Dr. Yaneer Baryam	Mechanical Engineering
65	2013B5A40472G	Akhil John	Multi Contact Motion planning of humanoid Robot	Dr. Abhishek Sarkar	Mechanical Engineering
66	2014A4PS0129G	Gaurav Gude	OpenFOAM based CFD Development Application and Analysis	Dr. Atul Sharma	Mechanical Engineering

SI No	BITS ID	Name	Topic	Supervisor	Department
67	2014A4PS0180G	Radhika Pillai	Building an efficient cache for serving multidimensional aggregations	Nischaiv Chopra	mechanical Engineering
68	2012B5A40563G	Shardool Kulkarni	Development of pressure projection method for compressible flows	Dr. B. P. Puranik	Mechanical Engineering
69	2013B5A40870G	Shantanu Sharma	Analysis of Asbosat Satellite Data	Dr. Sudip Bhattacharyya	mechanical Engineering
70	2014A4PS0135G	Karthik	Implementation and Validation of openform solver for Combustion applications	Renith Richardson, PhD	Mechanical Engineering
71	2013B5A40604G	Kapil Sawant	Mechatronic design of tilted-propeller aerial manipulator systems	Dr. Antonio Franchi	Mechanical Engineering
72	2013B5A4426G	Kushagra Hans	q-determined statistics & its appliation	Prasanta Kumar Das	Physics
73	2013B5A80650G	Siddharth Harshe	Stochastic Data Analysis using ----- methods (verify)	Dr. Chandrew Sharma	physics
74	2013B5A40768G	Divyanshu Shirish Saraph	Analysis of NSE --- ----- ---- method	Dr. Chandrew Sharma	Physics
75	2013A3B50179G	Vedangi Bhadresh Pathak	Design and construction of an optimized non-classical light source (an optical parametric oscillator for squeezed light)	prof. Michele heurs	Physics
76	2013B5A3466G	Shannawaz Ahmed	Numerical Simulations of Quantum Systems	Prof. Franco Nori	Physics
77	2013B5A40913G	Simanta Lahkar	Mechanical characteristics of Two Dimensional Heterostructures	Yinfeng Li	Physics
78	2013A3B50073G	Ankit Udaya Kumar	Aluminum nanofilms grown on GaAs by Molecular beam Epitaxy	Prof. Chi-te Liang	Physics
79	2013B5A4840G	Vishal Suriyanarayanan	Heliosesimology	Shravan Hanasoge	Physics
80	2014B5PS0897G	Avi Wadhwa	Aspects of conformal field theories	Dr. Abhijit Gadde	Physics
81	2014B5PS0901G	Abhinav Tripathi	A Toy Model for the Black Hole Interior	Chethan Krishnan	Physics
82	2013B5A30726G	Shivangi kamat	CMS- Phase -II Trigger Upgrade	Dr. B. Batyanarayana	physics

SI No	BITS ID	Name	Topic	Supervisor	Department
83	2013B5A7589G	Sanjana Sekhar	Measurement of the performance of the ATLAS pixel detector with LHC Run 2 data and studies to exploit the pixel detector information with machine learning techniques in order to improve the track reconstruction at LHC and HL-LHC	Dr. Laurent Vacavant	physics
84	2013B2A80771G	Shivam Bajpai	Auto pilot -- system for industry operators	Mr. Harder Singh	

#### HYDERABAD CAMPUS

S.No	ID No.	Name	Topic	Supervisor	Department
1	2013B1A10827H	Kothuri Sri Charan	Optimization of Cooking and Bleaching process used in Industry	Dr. Jayati Ray Dutta/Dr. Ramesh Babu A	Biological Sciences
2	2013B1A40656H	Pottigari Varun Kumar	Understanding Heavy Metal stress in Bacteria and their mitigation mechanisms involving Siderophores	Prof. Vidya Rajesh	Biological Sciences
3	2013B1AB0730H	Kavuri Sai Sushanth Chowdary	Quantum chemical study of the reaction mechanism of quinolone formation from Type III polyketide	Dr. Debashree Bandopadhyay	Biological Sciences
4	2013B1AB0844H	Abhishek Dave	EEG-based analyses of brain activity to assess the efficacy of therapies in alleviating chronic pain in temporomandibular joint disorder (TMD)	Dr.Sridevi Sarma/Prof Suman Kapur	Biological Sciences
5	2013B2A70534H	Naga Sai Sri Kamineni	Graph based named entity recognition	Dr.Durba Roy/Dr. Aruna Malapati	Chemistry
6	2013B2A80774H	Sai Pranavi Avadhanam	Fault tolerant Network on Chip using Artificial Neural Networks	Dr. Balaji Gopalan/Dr.Soumya J	Chemistry
7	2013B3A70595H	Kovvuru Gunasekhar Dora	Wage Inequality in Unorganized Labor of India – Issues and Challenges	Dr. Archana Srivastava	Economics & Finance
8	2013B3AA0663H	Sai Sri Srujana Gottumukkala	Study of liquid workforce – factors affecting their engagement in the organization	Dr.Swati Alok	Economics & Finance

S.No	ID No.	Name	Topic	Supervisor	Department
9	2013B3AA0678H	Saumen Bhattacharjee	Role of education in determining economic growth	Dr. Sudutta Banerjee	Economics & Finance
10	2013B3AA0741H	Korrapati Srujan	Excess Co-movement among unrelated commodity prices	Dr. Rishi Kumar	Economics & Finance
11	2013B3AB0604H	Vidur Monga	Impact of infrastructure spending on foreign direct investment in developing countries: an empirical investigation	Dr. Mini Thomas P	Economics & Finance
12	2013B4A10492H	Taori Barkha Mahendrakumar	LRS Bianchi-I Model in f(R) Theory of Gravity	Prof. P. K Sahoo	Mathematics
13	2013B4A30640H	Shubham Ranjan	Development of a parallel mesh free solver based on PETSc	Dr. N Anil	Mathematics
14	2013B4A30902H	G Venkateshwara Rao	NP - Completeness of dominating set problem	Dr. Michael Alohones	Mathematics
15	2013B4AA0682H	Jatin Lalwani	Statistical analysis of health Indicators in India	Dr. P T V Praveen Kumar	Mathematics
16	2013B4AA0886H	Veerav Chebrolu	f(R) Theories of modified gravity	Prof. P. K Sahoo	Mathematics
17	2014A1TS0422H	Githin Tom Zachariah	Modeling the drying of Porous Media using Lattice Boltzmann Method	Dr. Vikranth Kumar Surasani	Chemical Engineering
18	2014A1TS0547H	Shakti Prasad Padhy	Surface functionalization via microchannel cantilever spotting and dip-pen nanolithography	Dr. Michael Hirtz/Dr. Balaji Krishna Murthy	Chemical Engineering
19	2014A1TS0595H	Sainath Suryakant Mamde	The system biology of cells(Prediction of the CNV and Patient Survival by machine learning)	Dr. Sriram Chandrasekaran/Dr. Vikranth Kumar Surasani	Chemical Engineering
20	2014A1TS0610H	Sreekar Guggilam	Bioconversion of Algal biomass to Fuels and Value added products	Dr. Asma Ahmed	Chemical Engineering
21	2014A2TS0526H	Arumalla Vamsidhar Reddy	Moisture susceptibility of RAP asphalt with softer grade PMB	Prof. Sridhar Raju	Civil Engineering
22	2014A2TS0550H	Gonnabathula Shanmukha Sai Avinash	Ground Improvement of Black Cotton Soil with Alkali Activated Binder	Dr. Anasua GuhaRay	Civil Engineering

S.No	ID No.	Name	Topic	Supervisor	Department
23	2014A2TS0602H	Amula Vishal Prمود Goud	Evaluating best management practices in an urban watershed	Prof. K S Raju	Civil Engineering
24	2014A4TS0182H	Phatak Onkar Arvind	Optimization and control of renewable wind energy systems	Prof. S S Deshmukh	Mechanical Engineering
25	2014A4TS0204H	Kedar Saurabh Jaysing	Experimental investigation on the heat transfer and rheological characteristics of magnetic Nanofluids	Dr. R. Parameshwaran/Dr. Jalaiah	Mechanical Engineering
26	2014A4TS0240H	Sindhuja Kashetty	Developing a code to compute the proper orthogonal decomposition (POD) of CFD datasets of transition on a wind turbine blade	Dr. Joshua R Brinkerhoff/Dr. Supradeepan K	Mechanical Engineering
27	2014A4TS0360H	Jinaga Ujwal Kishore	Numerical simulations and validation of ablation material for rocket nozzle	Prof. Jeevan Jaidi	Mechanical Engineering
28	2013B4AB0488H	Madadi Pranoy Raj	Composition and Characterization of Ternary Coating Systems	Prof. N S K Reddy	Mechanical Engineering
29	2014ABTS0622H	Bivob Purkayastha	Modelling, Simulation and Experimental Verification of heat transfer in Fluid flow through micro channels	Dr. Arshad Javed/Dr. Satish Kumar Dubey	Mechanical Engineering
30	2014ABTS0684H	Ahandeep Manna	Investigation of Validity of Hele-Shaw approximation in two phase flows	Dr. Prasad Perlekar/Dr. K R C Murthy	Mechanical Engineering
31	2014A4TS0412H	G Gokul Nanda	Development of advanced dielectrics based on precursor derived NB2O5	Dr. Ravi Kumar N V/Dr. N Jalaiah	Mechanical Engineering
32	2014A5TS0804H	Sateja Paradkar	Novel Strategies to Reverse the Epithelial-Mesenchymal Transition in High Grade Serous Ovarian Cancer	Dr. R Wein Berg/Dr. V Vamsi Krishna Venuganti	Pharmacy
33	2014A7TS0014H	Modugu Koushik Kumar Reddy	Automatic Detection of Anti-Patterns in Web Services	Dr. Lov Kumar	Computer Science and Information system
34	2014A7TS0055H	Aditi Ghosh	Sentence Unit Detection Using Machine Learning	Dr. Chug Engsiong/Dr. Aruna Malapati	Computer Science and Information system

S.No	ID No.	Name	Topic	Supervisor	Department
35	2014A7TS0095H	Ipsit Sahoo	Final report on deep learning framework for malware detection in IOT environment	Dr. Geetha Kumari/Prof. N L Bhanu Murthy	Computer Science and Information system
36	2014A7TS0096H	Aniketh Janardhan Reddy	Analyzing Human Attentional Mechanisms using Functional Magnetic Resonance Imaging Data and Machine Learning	Dr. Sidharan Devarajan/Dr. Aruna Malapati	Computer Science and Information system
37	2014A7TS0107H	Vishal T	Multi criterion decision making for irrigation systems	Prof. N L Bhanu Murthy/Prof. K S Raju	Computer Science and Information system
38	2014A7TS0113H	Shikhar Bharadwaj	Designing Safe Asynchronous Systems	Mr. Akash Lal/Dr. Aruna Malapati	Computer Science and Information system
39	2014A7TS0117H	Naman Goyal	Machine learning in IOT Security Algorithm and Applications	Dr. Geetha Kumari/Prof. N L Bhanu Murthy	Computer Science and Information system
40	2014A7TS0120H	Piyush Chawla	Link Prediction in (Multi-lingual ) Knowledge Graphs	Prof.Jens Lehmann/Prof. N L Bhanu Murthy	Computer Science and Information system
41	2014A7TS0188H	Jonnalagadda Kiriti Reddy	Critical analysis of afforestation public policy using geo-tagging for e-governance	Dr. Sudeepta Mishra/Dr. Lavanya Suresh	Computer Science and Information system
42	2014A7TS0527H	Bhargav Kanuparthi .	Investigating Backpropagation Algorithms that are Biologically Plausible	Yoshua Bengio/Dr. Aruna Malapati	Computer Science and Information system
43	2014A7TS0855H	Mathur Aditya Rajneesh	Music Generation using Neural Networks - a survey	Dr. Aruna Malapati/Dr. Pranesh Bhargava	Computer Science and Information system
44	2014A7TS0865H	Mehta Viral Paresh	Measuring and Modeling Tail Latencies of High Throughput Cloud Services	Sreangau Acharyyaa/Dr. Geetha Kumari	Computer Science and Information system
45	2013B5A70064H	V Vasudha	Surface Reconstruction using Binary Solver (2D)	Dr. Pierre Alliez/Prof. Tathagata Ray	Computer Science and Information system
46	2014B5TS0552H	Punnamaraju D P S V G Rahul	Usage of number theory in optics	Dr. K V S Shiva Chaitanya	Physics

S.No	ID No.	Name	Topic	Supervisor	Department
47	2014B5TS0649H	Suvvada Sarath Chandra Naidu	Application of perturbation theory to hydrogen like atoms	Dr. Rahul Nigam	Physics
48	2013B5A40832H	B Bharath Kumar	Study of effect of different types of coatings on machinability	Prof. N S K Reddy/Dr. V Satyanarayana Murthy	Physics
49	2013B5A70836H	Shashwat Vardhana	Automation of root finding algorithms	Prof. P K Thiruvikraman	Physics
50	2014A3TS0331H	Vaibhav Gupta	Implementation of Ternary Logic using Novel Tunnel FET devices	Dr. Surya Shankar Dan	EEE
51	2014A3TS0434H	Vempali Mani Ratnam	Characterization Of Silica Based Magnetic Nano beads And Investigation Of Its Suitability For Hyperthermia Applications	Dr. Kannan Ramaswamy/Prof. Sanket Goel	EEE
52	2014AATS0299H	V Arvind Rameshwar	On Regenerating Codes and Secure Storage on Distributed Systems	Prof. Navin Kashyap/Dr. Shaikshavali Chitraganti	EEE
53	2014AATS0114H	Udit Ameet Kotnis	Capacitance sensing in MEMS	Prof. Sanket Goel	EEE
54	2014AATS0327H	Shitole Aditya Jayantrao	Power-Efficient Sum of Absolute Differences Hardware Architecture Using Adder Compressors for Integer Motion Estimation Design	Dr. S K Chatterjee	EEE
55	2013B1A30476H	Kartik Rattan	Real time measurement of deformability index for electro mechano-diagnostics & proof of concept of polymerase chain reaction on electro wetting on dielectric device	Prof. Prosenjit Sen/Mr. Balasubramanian	EEE
56	2013B5AA0559H	Agrawal Akshaya Ajay	Developing An Algorithm For Autonomous Navigation Of Drones	Dr. S N Omkar/Prof. Prabhakar Rao	EEE
57	2013B1A30783H	P Abhisek	Low cost ECG signal generation device suitable for use in rural India	Prof. Ramakrishna Vadrevu	Biological Sciences
58	2013B1A40691H	Lakshay Sethi	Immune invasion by Mycobacterium tuberculosis and its treatment	Prof. Fan yuan/Prof. Suman Kapur	Biological Sciences
59	2013B1A70909H	Burra Prakruthi	Forman curvature in directed biological networks	Dr. Areejit Sama/IProf.	Biological Sciences

S.No	ID No.	Name	Topic	Supervisor	Department
				Ramakrishna Vadrevu	
60	2013B2A20594H	Surana Shreyans Rajesh	Synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles by thermal decomposition of ferric citrate	Dr. Balaji Gopalan	Chemistry
61	2013B2AA0518H	Abhijeet Kumar Singh	Neural network potential-energy surfaces for atomistic simulations	Dr. Subhas Ghosal	Chemistry
62	2013B2AB0363H	Gokul T Anandan	Odometry Fusion for Autonomous Mobile Robots	Dr. Murali Krishna/Dr. Arshad Javed	Mechanical Engineering
63	2013B3A70506H	Shubham Kundra	Analysis Of Relationship Between Expenditure On Children and Parents' Education	Dr. Bheemeshwar Reddy	Economics & Finance
64	2013B4A70423H	Jinu M Sunil	Effectiveness of Bug Prediction Models	Dr. D K Satpati/Dr. N L Bhanu Murthy	Mathematics
65	2013B5A20671H	Ajinkya Vinod Naringe	Numerical study of Fluid Structure Interaction in Fluid Sloshing	Prof. P K Thiruvikraman/Dr. Chandu Parimi	Physics
66	2013B5A40434H	Aditya Pratap Singh	Study on design of PM synchronous motor	Dr. Prabhajot Kaur/Prof. P K Thiruvikraman	Physics
67	2013B5A40891H	Ojas Sunil Gupta	Implementing Role Mining Algorithm for RBAC Model	Dr. Barsha Mitra/Prof. P K Thiruvikraman	Physics
68	2013B5AA0567H	Rahul Srinivasan	Gravitational Waves and Black Hole Modelling	Prof. Abhay Ashtekar/Dr. Sashideep Gutti	Physics
69	2013B5AB0771H	Ramkrishna	Nucleosynthesis in Neutron Star Crust	Dr. Sarmisthabanik	Physics
70	2013B1A30871H	Parvathaneni Govardhani	Development and Integration of electrode in Microfluidic devices	Prof. Suman Kapur/Prof. Sanket Goel	Biological Sciences
71	2013B1A70579H	Ayan Bharadwaj	Application of Internet of Things for Environmental Management	Dr. Sankar Ganesh/Mr. Abhishek Thakur	Biological Sciences
72	2013B2A10639H	Shreshth Hari	Design and Synthesis of Novel Heterocyclic Compounds as Antitubercular Agents	Dr. K V G Chandrasekhar	Chemistry
73	2013B2A30367H	Bukkapindla Anand Babu	Synthesis of 1,10-phenanthroline-5,6-diide and 1,10-phenanthroline-5,6-phenylhydrazone ligands	Prof. R. Krishnan	Chemistry



S.No	ID No.	Name	Topic	Supervisor	Department
74	2013B3A10648H	Sudhanshu Kansal	Monetary Transmission Mechanism – Sectoral effects in India Perspective	Dr. Sunny Kumar Singh	Economics & Finance
75	2013B3A10666H	Pratyush Sharan	An Enquiry into NREGA	Dr. Durgesh Chandra Pathak	Economics & Finance
76	2013B3A30530H	Sanjay	Sharing economics and related topics	Dr. Dushyant Kumar	Economics & Finance
77	2013B3A40619H	Manthana Dheeraj Varma	Economic analysis of coated tools	Dr. Sudatta Banerjee/Prof. N.S K Reddy	Economics & Finance
78	2013B3A70591H	I V S Siva Charan	Dynamics of Exchange Rates by using fundamental (macroeconomic) variables and cross-market variables	Dr. China Hussain Yaganti	Economics & Finance
79	2013B3A70723H	Shaik Abdul Khalik	Exchange rate modelling and forecasting	Dr. Bheemeshwar Reddy/Dr. Sunnya Kumar Singh	Economics & Finance
80	2013B4A10524H	Karanam Sashank	Flow of fluids in Tapered and Curved Pipes	Dr. TSL Radhika	Mathematics
81	2013B4A30426H	Yalam Raviteja	Electrical Equivalent circuit of Human Body	Dr. TSL Radhika	Mathematics
82	2013B5A40667H	Varun Singh Shekhawat	Non-Singular Space-Time	Dr. Sashideep Gutti	Physics
83	2013B5A70637H	O Arvind Prasad	Development of physics chat bot	Prof. P K Thiruvikraman	Physics
84	2013B5A80642H	Kartik Jain	Analyzing Policy Mining algorithm for ABAC model	Dr. Barsha Mitra/Prof. P K Thiruvikraman	Physics
85	2014A2TS0559H	Rhythm Singhal	Development of Nano based PCM embedded Cement Concrete for Building Cooling Applications- An Experimental Investigation	Prof. Vinayaka Ram/Dr. Parameshwaran	Civil Engineering
86	2014A4TS0371H	Lingireddy Veera Sai Vineeth Reddy	Development and Analysis of Mathematical Model for Machining of Magnesium Alloy	Prof. N S K Reddy	Mechanical Engineering
87	2014A4TS0459H	Mayank Mangal	Enhancing the material properties of ASS 316 Alloy using Constrained Groove Pressing Process	Dr. Nitin Ramesh Kotkunde	Mechanical Engineering
88	2014ABTS0892H	Pranav Sharma	Rechargeable lithium ion batteries integrated with photovoltaics	Prof. S S Deshmukh	Mechanical Engineering

S.No	ID No.	Name	Topic	Supervisor	Department
89	2013B3A40717H	Syed Ubedulla Khadri	Thermo-Economic Analysis of Solar Organic Rankine Cycle	Dr. S P Datta	Mechanical Engineering
90	2013B4A40704H	Aditya Sharma	Study of heat transfer and rheology of Nano fluids	Dr. R Parameshwaran/Dr. N Jalaiah	Mechanical Engineering
91	2013B4A40889H	Karan Tayal	Study on Thermal Management System for Electronic Devices using PCM materials	Dr. R Parameshwaran/Prof. S S Deshmukh	Mechanical Engineering
92	2013B5A10727H	Vignesh Sitaraman	Desalination of Water using Nano-Photonics	Dr. Vikranth Kumar Surasani/Prof. Kannan Ramaswamy	Chemical Engineering
93	2013B5A40842H	Vaibhav Jain	Optimization of the structure and shape of the interferometer housing to reduce the noise caused by flow induced vibrations due to wind.	Dr. G R Sabareesh/Dr. Rahul Nigam	Mechanical Engineering

#### DUBAI CAMPUS

S.No	BITS ID	Name	Topic	Supervisor	Department
01	2013A4TS0299U	SRINIVAS SARKAR	Applying the Theory of Constraints to the Furniture Industry for Process Improvement	Dr. Vishal Gangadhar Naranje	Mechanical
02	2014A1TS0050U	AKSHAI A	Energy Analysis of a Biomass	Dr. B G Prakash Kumar	Chemical
03	2014A3TS0412U	DCOSTA AARON CAJETAN ANDREW	Implementation of Network Security on Chip	Dr. A R Abdul Rajak	EEE
4	2014A4TS0048U	AISHWARYA KRISHNAN	Passive Flow Control over an Airfoil using Novel Vortex Generators	Dr. Shashank Khurana	Mechanical
5	2014A4TS0156U	DIVYANK SOOD	Development of a Cost Effective, Portable AFM setup and experimental Analysis using the Setup.	Dr. Gudipadu Venkatesh	Mechanical
6	2014A4TS0190U	SRISHTI GUPTA	Design and Analysis of Linkage System for the Control Surface of a Flight Vehicle	Dr. MVN Sankaram	Mechanical
7	2014A4TS0276U	KUNJ PAREKH	Correlation between Blockchain, Cryptocurrencies and Renewable Energy	Dr. Naveen Kumar Srivastava	Mechanical

S.No	BITS ID	Name	Topic	Supervisor	Department
8	2014A4TS0301U	ARAVIND PRASANTH	Optimization Of The Powertrain Of An Fsaec Car	Dr. Shashank Khurana	Mechanical
9	2014A7TS0037U	ALINA ZAIDI	Data Analytics for Movie Revenue Prediction	Dr. Siddhaling Urolagin	Computer Science
10	2014A7TS0059U	SAMENA SHABNAM	Facial Expression Recognition using Machine Learning Techniques	Dr. S Vadivel	Computer Science
11	2014A7TS0071U	SAUGAAT ALLABADI	Leveraging Blockchain for Identity Management and Recruitment Sector	Dr. Sujala D Shetty	Computer Science
12	2014A7TS0076U	SAI AMIT	Computational Techniques in Cryptocurrency	Mr. Gaurav Saxena	Computer Science
13	2014A7TS0128U	SAAD AL AMEEN BAYEZEED	Secure Fingerprint Biometric Authentication Using Deep Learning & Minutiae Verification	Dr. S Vadivel	Computer Science
14	2014A7TS0177U	WASIL AHMAD	Design and Implementation of Augmented Reality model for Gaming Application	Dr. B Vijaykumar	Computer Science
15	2014A7TS0250U	RIDA KHAN	Predictive Analysis of Airlines using Tweets	Dr. Siddhaling Urolagin	Computer Science
16	2014A7TS0329U	REWANT RAKESH VERMA	Video Games as an application of Blockchain Technology	Dr. Sujala D Shetty	Computer Science
17	2014A7TS0354U	KUNAL MALHOTRA	Large Scale Sentiment Analysis Using Apache Spark	Dr. V Santosh Kumar	Computer Science
18	2014A7TS0369U	DSOUZA RITWICK JOSEPH	Analysis of Mirai Botnet and its Derivatives using HoneyPot	Mr. Saurabh Jain	Computer Science
19	2014A7TS0384U	MOHAMMAD YAHYA	Designing and Implementing Data Join Techniques on HADOOP	Dr. V Santosh Kumar	Computer Science
20	2014A8TS0443U	SRINATH HANUMANTHA RAO	Deep Learning for Image Captioning	Dr. Jagadish Nayak	EEE
21	2014A9TS0022U	ARPITA SHAJIL DAS	MicroBial Synthesis of Copper Nanoparticle and Study of its effect on Foliar application on Pepper Plant	Dr. Ramachandran S	Bio-Tech

S.No	BITS ID	Name	Topic	Supervisor	Department
22	2014A9TS0125U	MAURELL ALEX DSOUZA	Nutritional Properties of the Extracts of Salicornia	Dr. D Jalaluddin Shariff	Bio-Tech
23	2014A9TS0403U	AMITA SHAJIL DAS	Microbial Synthesis of Manganese Nanoparticles and effect of Foliar Application of the Nanoparticles on the Growth of Tomato	Dr. Neeru Sood	Bio-Tech
24	2014A9TS0404U	MANAV PILLAI	Anti-fungal Activity of Metal Nanoparticles	Dr. Trupti Gokhale	Bio-Tech
25	2014AATS0055U	SHIVANI CHELLIAH	Gigabit Passive Optical Network: Network Model for Internet Connectivity in High-Speed Smart Trains	Dr. T G Thomas	EEE
26	2014AATS0061U	SAPTADEEP DEBNATH	Hand Gesture Control of a Robot using Intelligent Techniques	Dr. V Kalaivhelvi	EEE
27	2014AATS0089U	FRANCIS DAVID VUPPULURI	Study and Analysis of Photovoltaic System	Dr. Gomathi Bhavani	EEE
28	2014AATS0094U	AMRITHAA SESHADRI	Design of A Microstrip Patch Antenna using Metamaterials	Dr. Navneet Gupta	
29	2014AATS0114U	BUSHRA MAHMOOD	Smart Dustbin	Dr. A R Abdul Rajak	EEE
30	2014AATS0293U	ATHARVA RAJESH KSHIRSAGAR	Color Composition in Photography	Dr. Nilesh Goel	EEE
31	2013A3TS0080U	ABHINAV PALIWAL	Design and Analysis of Efficient Solar Cells	Dr. Vilas H Gaidhane	EEE
32	2014A1TS0376U	BACHCHHAV ADITYA SWAPNIL	Competitive Intelligence in a Chemical Organization	Dr. Rudal Raj	
33	2014A3TS0900U	ROHEN BHANDARI	Analysis and control of Non-Smooth Dynamical Systems	Dr. A.B. Chattopadhyay	EEE

**FDTS**

**SEM-I 2018-19**

**PILANI CAMPUS**

S.No	BITS ID	Name	Topic	Supervisor	Department
1	2004B2A70667P	ADARSH SANGHAI	Study of Agrregation Induced Emission effect on schiffs base compounds	MADHUSHREE SARKAR	CHEMISTRY
2	2013B1PS0450P	SHIRSH ZIBBU	Application of neural networks in the field of miRNA-mRNA recognition	SHIBASHISH CHOWDHURY	BIO
3	2013B3PS0720P	HONEY GOYAL	DEVELOPMENT OF ANALYTIC FOR P2P WAY OF MICRO FINANCING	ARUN KUMAR VAISH	ECO AND FIN
4	2013B5A20769P	PRADEEP KUMAR	A detailed study on Cuprous oxide as a solar material	SUBHASHISH GANGOPADHYAY	PHYSICS
5	2014A1B10525P	HARSH KANODIA	Experimental and computational neurosciences	HIROKI ASARI	BIO
6	2014A1TS0538P	KAUSTUBH TRIPATHI	Bio Sequestration of CO2 using Algal specie in a pilot scale photo bioreactor	SMITA RAGHUVANSHI	CHEMICAL
7	2014A3A70302P	T DINESH RAM KUMAR	Computer Networking	K HARIBABU	CSIS
8	2014A7TS0138P	S. HARI KRISHNA	Efficient Task Scheduling using Containers and Live Migration	AMIT DUA	CSIS
9	2014ABPS0856P	CHIRAG BHARADWAJ	Supply Chain Management	SRIKANTA ROUTROY	MECH
10	2014B1A10422P	STUTI MAHESHWARI	Sustainable Design of Intgrated Biorefieries.	MAHMOUD M EL-HALWAGI, DEPT. OF CHE, TEXAS A&M UNIV, USA	CHEMICAL
11	2014B1A20811P	MEGHANI IMRAN IQBAL	Microbial diversity and abundance in mineral deposits of alpine glacier forefields	GERHARD FURRER	BIO
12	2014B1A20889P	KSHITIK GUPTA	Use of Bio-cement for filtration of water for drinking purposes	RAJIV GUPTA	CIVIL
13	2014B1A30284P	SURBHIT JOHRI	Profiling depression related behavioural	ASHIS KUMAR DAS	BIO

S.No	BITS ID	Name	Topic	Supervisor	Department
			pattern in university students		
14	2014B1A30455P	RICHA MISHRA	Computer vision algorithms to RGB-monocular data for sane understanding	FEDRICO TOMKARI	BIO
15	2014B1A30632P	ANUHUTI MISHRA	In silico characterization of plasmodium database	SHILPI GARG	BIO
16	2014B1A40384P	MEDHA VIDYOMA		SIBASISH CHOWDHARY	BIO
17	2014B1A40404P	RISHABH GAUR	Optimization of image processing techniques for platn leaf disease identification	JITENDRA PANWAR	BIO
18	2014B1A40620P	ANINDITA SINGHAI	Study of neurodegerative desises using fruit files	MEGHNA TARE	BIO
19	2014B1A40764P	PRIYAM SHRIKANT AMBASTHA	Micro and nanotechnology applications in medicine	HADI SHAFIEE	BIO
20	2014B1A70213P	RICHA PATEL	Protin Function annotation through non-evolutionary methods	DENATH PAL	BIO
21	2014B1A70319P	SATWIK BHATTAMISHRA	Biomedical data (sequence) augmentation using adversarial networks	PARTHA PRATIM TALUKDAR	BIO
22	2014B1A70408P	ADITYA CHAUHAN	Profiling depression related behavioural pattern in university students	ASHIS KUMAR DAS	BIO
23	2014B1A70485P	NABARUN GOGOI	Group behavior dynamics in wild animals	SANDHYA MARATHE	BIO
24	2014B1A70732P	ASIM SHAH	Modeler development FOR regulatory TESTING	MANOJ KANNAN	BIO
25	2014B1A70880P	KAPIL AGARWAL	Modelling invasive species distribution (niche modelling)	SANDHYA MARATHE	BIO
26	2014B1A80472P	MIHIR DESHMUKH	Feature level sentiment extraction on biological products text corpus	ANDY PANDHARIKAR	EEE
27	2014B1A80899P	ANSHIMALA BALU	Accurate and efficient modelling of diffuse photon behavior in phantoms and mice	FELIX GREMSE	BIO

S.No	BITS ID	Name	Topic	Supervisor	Department
28	2014B1A880135P	CHIRAG GYANI	Studying the effect of differential fluid dynamics on endothelial inflammation	SYAMANTAK MAJUMDAR	BIO
29	2014B1AB0058P	ATUL JALA	Design of modular production system for learning factory	K.S.SANGWAN	MECH
30	2014B1AB0823P	SALONI SINHA	Study and design of models of correlation between cancer and a user lifestyle	VINDHYA JOSEF	BIO
31	2014B2A20692P	TANMAY JAISWAL	Analysis of Stress indicator with an Aggregation Induced Emission Active Mechanoluminescence Material	INAMUR RAHAMAN LASKAR	CHEMISTRY
32	2014B2A20806P	ADITYA SHARMA	Development of efficient co-catalyst (transition metal chalcogenide) for hydrogen and oxygen evolution reaction	MRINMOYEE BASU	CHEMISTRY
33	2014B2A30122P	HIMANSHU MENDIRATTA	Fe binding sites and its activity corelation in metalloproteins.	AJAY KUMAR SAH	CHEMISTRY
34	2014B2A30153P	KARTHIK SURESH	Fabrication of suspended graphene heterostructures and study of 1/f noise.	JAYANTA SARKAR	CHEMISTRY
35	2014B2A30195P	JAHNAVI GANDHI	Conductive polymers and their application as real-time cation sensors in biosensing	VISHNU SUNDARESAN	CHEMISTRY
36	2014B2A30227P	RIYA SHARMA	Layered Double Hydroxide for electro catalysis and photo catalysis	SUROJIT PANDEY	CHEMISTRY
37	2014B2A30329P	VIBHOR MITTAL	Dft based study of reactivity and thermodynamiys of molecules	RAM KINKAR ROY	CHEMISTRY
38	2014B2A30365P	SIDDHARTH S TRIPATHI	Investigation of interaction of particles with molecules in the atmosphere.	SHAMIK CHAKRABORTY	CHEMISTRY
39	2014B2A30500P	BRAHMKESHWAR SHUKLA	Development of software to calculate integrals for electronic molecules	PRASHANT U MANOHAR	CHEMISTRY

S.No	BITS ID	Name	Topic	Supervisor	Department
40	2014B2A30563P	SONALI RAJESH MEDANI	Integrating monitoring infrastructure using PARD system and explore its applications in chemistry of materials	SALLY A. MCKEE	CHEMISTRY
41	2014B2A40411P	ARYA ARUN	Synthesis, Functionalization and Exploration of the photophysical properties of dipyrromethene	DALIP KUMAR	CHEMISTRY
42	2014B2A70038P	MUSTUFA LOKHANDWALA	Catalysis driven by host guest hybrid systems	SAUMI RAY	CHEMISTRY
43	2014B2A70201P	AMAN GUPTA	Machine Learning Applications in Bio & Chem Sensors	BHARTI KHUNGAR	CHEMISTRY
44	2014B2A70220P	MAITRI SHASTRI	Inorganic chemistry and catalysis	SAUMI RAY	CHEMISTRY
45	2014B2A70238P	YASH BANSAL	Prediction of <sup>1</sup> H NMR using Machine Learning Algorithms.	BHARTI KHUNGAR	CHEMISTRY
46	2014B2A70363P	ABHISHEK JAIN	Fe binding sites and its activity correlation in metalloproteins.	AJAY KUMAR SAH	CHEMISTRY
47	2014B2A70644P	SUBHAM SWASTIK DORA	Zinc catalyzed transesterification and cycloaddition of carbondioxide to epoxides	AJAY KUMAR SAH	CHEMISTRY
48	2014B2A70863P	SHRUTI JASORIA	DNA Charge Transfer	SHAMIK CHAKRABORTY	CHEMISTRY
49	2014B2A70885P	TUSHAR DHALWANI	Deep Learning for Computer Vision and Medical Imaging Tasks.	PETIA RADEVA	CHEMISTRY
50	2014B2A80287P	TUSHAR MEHTANI	Use of Artificial Intelligence (AI) Techniques in <sup>1</sup> H-NMR peak prediction	BHARTI KHUNGAR	CHEMISTRY
51	2014B3A10532P	NIRABHI SHARMA	comperative study of business models	A.K. VAISH	ECO AND FIN
52	2014B3A10687P	ANKIT GUPTA	Risk appetite frameworks for Indian banking system	N.V.M. RAO	ECO AND FIN
53	2014B3A10709P	ASHIT SHRIVASTAVA	Large Scale Dynamic Predictive Regressions	N.V.M. RAO	ECO AND FIN
54	2014B3A30518P	VAIBHAV MIGLANI	Econometric Analysis of the effects of Income Inequality on Economic	N.V.M. RAO	ECO AND FIN



S.No	BITS ID	Name	Topic	Supervisor	Department
			Growth in developing countries		
55	2014B3A30647P	ARNAV ANAND	Behavioral Economics: Studying Bounded Rationality in a Consumer Setting	RAJNEESH CHOUBISA	ECO AND FIN
56	2014B3A40581P	RISHABH JAIN	Lean Manufacturing: Appliance on a welded steel profiles production line of Astron, Diekirch (LU) factory, in transversal collaboration with Production, Maintenance and IT Development departments	ETIENNE LESUISSE	ECO AND FIN
57	2014B3A40722P	SAUMIL GAONKAR	Application of high frequency data for forecasting volatility of stock markets	RAJAN PANDEY	ECO AND FIN
58	2014B3A70282P	SHUBHAM MAURYA	Design of Monetary Penalties for regulating industrial emissions	SANTOSH HARISH	ECO AND FIN
59	2014B3A70375P	HARSHVARDHAN MAHESHWARI	Understanding impact of social media on customer co-creation process	PRAVEEN GOYAL	ECO AND FIN
60	2014B3A70435P	TUSSAR ARORA	Blockchain based credit risk management platform	N.V.M. RAO	ECO AND FIN
61	2014B3A70582P	RAJAS PANDEY	Social Consumption in India: A State Level Analysis	KRISHNA M.	ECO AND FIN
62	2014B3A70605P	MEGHA SHISHODIA	Analysing consumer reviews on online platforms: A text analysis approach	PRAVEEN GOYAL	ECO AND FIN
63	2014B3A70615P	AMITJDEEP SINGH	Convolutional Neural Networks to Detect Brain Regions in Amblyopia using fMRI images with Feasibility Analysis	VASUDEVAN LAKSHMINARAYANAN	ECO AND FIN
64	2014B3A70625P	ABHINAV MISHRA	Dynamics of Demographic Dividends in India: An Empirical Analysis	GEETILAXMI MOHOATRA	ECO AND FIN
65	2014B3A70626P	SAKSHI KHANDELWAL	Impact of Fintech in Indian Financial Services Sector	SAURABH CHADHA	ECO AND FIN
66	2014B3A70640P	HARSH GOYANKA	Determinants of Loan Repayment behavior of	GEETILAXMI MOHPATRA	ECO AND FIN

S.No	BITS ID	Name	Topic	Supervisor	Department
			farmers: Microeconomic Analysis		
67	2014B3A70718P	SAURABH SHANKAR SHETTY	Analysis of Education Policy of India	JYOTI	ECO AND FIN
68	2014B3A70743P	SIDDHARTH NAGPAL	Subspace Clustering support in Dwarf Compiler	NAVNEET GOYAL	ECO AND FIN
69	2014B3A70748P	AMAN AGGARWAL	Offshore Deposits and the Impact of Tax Policies on the same	N.V.M. RAO	ECO AND FIN
70	2014B3A70749P	LOVISH ARORA	Blockchain: A Game Changing Technology	GEETILAXMI MOHPATRA	ECO AND FIN
71	2014B3A70836P	MAYANK GUPTA	An investigation of Multidimensional Poverty in India: An econometric application	GEETILAXMI MOHPATRA	ECO AND FIN
72	2014B3A80659P	VISHAL HANS	Sustainability of payment banks' business model	A.K. VAISH	ECO AND FIN
73	2014B3A80753P	RISHABH VIJAYVARGIYA	Approaches in Behavior Finance for Asset Pricing	RAJAN PANDEY	ECO AND FIN
74	2014B4A20558P	ROHIT GUPTA	Options Pricing (Application of Differential Equations Simulation & Modelling of Options Securities)	BHUPENDRA KUMAR SHARMA	MATHS
75	2014B4A30606P	ARJUN TYAGI	Learning PDEs from Data	RAJESH KUMAR	MATHS
76	2014B4A30705P	YASH JAIN	Weak Galerkin Method	SANGITA YADAV	MATHS
77	2014B4A30754P	ARJUN GUPTA	Vision-Based Autonomous Driving	ANTONIO M LOPEZ	MATHS
78	2014B4A30807P	ADITYA SUNDARLAL DARAK	Traveling Salesman Problem in Planar Graph	RAJIV KUMAR	MATHS
79	2014B4A30809P	AAYUSHI AGRAWAL	Hybridized Discontinuous	SANGITA YADAV	MATHS
80	2014B4A70428P	JAI AGARWAL	Using SimRank to Find Similar Words give a Context	CHNG ENG SIONG	MATHS
81	2014B4A70530P	GOVIND MITTAL	Observational Data Analysis in Cosmological Models	SURESH KUMAR	MATHS
82	2014B4A70587P	AKSHAY GOEL	Evolutionary Algorithms	RAKHEE	MATHS

S.No	BITS ID	Name	Topic	Supervisor	Department
83	2014B4A70637P	V GAUTHAM	Machine Learning Techniques for Forensic Footwear Analysis	MARTIN HERMAN	CSIS
84	2014B4A70719P	ARJUN KUMAR CHOUDHARY	Deep Learning Methods for Solving PDES	RAJESH KUMAR	MATHS
85	2014B4A70745P	ANMOL BHATIA	Automatic Speech Analysis and Recognition using Statistics and Deep Learning tools	SRIRAM GANPATHY	MATHS
86	2014B4A70800P	ANURADHA BANSAL	Contributions to image and Text Analytics for Document Clustering and c	ARNAB KUMAR LAHA	MATHS
87	2014B4A70802P	VRINDA PODDAR	Network Optimization	SHIVI AGARWAL	MATHS
88	2014B4A70805P	DAKSHESH MEHTA	Discrete Time Queues	RAKHEE	MATHS
89	2014B4A70821P	AMRIT KOCHAR	DNS Based DDOS Attacks	RAKHEE	MATHS
90	2014B4A70867P	KARAN MAKHIJA	Algebraic Coding Theory	P H KESKAR	MATHS
91	2014B4A80512P	PIYUSH RANJAN	low power low noise cmos amplifier design	ANU GUPTA	EEE
92	2014B5A20872P	RAUNAK S SWANSHE	Neutrino Physics	MADHUKAR MISHRA	PHYSICS
93	2014B5A30484P	TANMAY VERMA	Power market Dynamics based on statistical mechanics	J.N. BANDYOPADHYAY	PHYSICS
94	2014B5A30829P	RAKSHITH S	Quantum Biology	AMOL HOLKUNDKAR	PHYSICS
95	2014B5A30850P	RAJA SHUKLA	Study of Nuclear fusion and its application	AMOL HOLKUNDKAR	PHYSICS
96	2014B5A30861P	REA SAXENA	Econophysics: Application of statistical mechanics to cryptocurrency	J.N. BANDYOPADHYAY	PHYSICS
97	2014B5A40564P	SANGEET SOURAV SUNDERROY	Fluid structure Interaction of blood flow through brain blood ressets.	SHYAMSUNDARYADA V	MECH
98	2014B5A40691P	KUMAR RISHABH	Detection of Neutrino	MADHUKAR MISHRA	PHYSICS
99	2014B5A40815P	SANA AGARWAL	Open Quantum System and its Applications	MANAS KULKARNI	PHYSICS
100	2014B5A40830P	SHRIKANT MAHESH KHANDELWAL	Growth and Applications of Cuprous Oxide thin films	SUBHASHISH GANGOPADHYAY	PHYSICS

S.No	BITS ID	Name	Topic	Supervisor	Department
101	2014B5A40838P	VIHANG SHAH	Econophysics: Statistical physics in financial markets	J.N. BANDYOPADHYAY	PHYSICS
102	2014B5A40844P	AKSHAY GOLECHHA	Molecular Dynamics	NAVIN SINGH	PHYSICS
103	2014B5A70571P	ADITYA MUKHERJEE	BCNT and its Electronic Structures	D BANDYOPADHYAY	PHYSICS
104	2014B5A70681P	SHETGAONKAR HRISHIKESH DIGAMBER	Multi frequency study of pulsar emissions	KAUSHAR VAIDYA	PHYSICS
105	2014B5A70717P	VISHAL GOLCHA	Prohibistic modeling of the ising model & variational inference	NILADRI SARKAR	PHYSICS
106	2014B5A70770P	CHINMAY SANJAY DESHMUKH	Quantum Annealing in optimization problems	NILADRI SARKAR	PHYSICS
107	2014B5A70774P	ASHISH AMAN	Dileplow and photons production in QCD matter	MADHUKAR MISHRA	PHYSICS
108	2014B5A70779P	HARSHITA GOYAL	Advance topics of GTR & Cosmology	BISWANATH LAYEK	PHYSICS
109	2014B5A70817P	ABHISHEK GUPTA	Application of deep Neural networks on DNA	NAVIN SINGH	PHYSICS
110	2014B5A70833P	ANUBHAV GARG	Searching for Exotic particles in High energy Physics Experiments using ML	XINYUAN HUANG	PHYSICS
111	2014B5A70849P	NAMAN JAIN	Neutrino Physics	MADHUKAR MISHRA	PHYSICS
112	2014B5A70852P	CHHAYANK KUMAR	Quarkonium production in QCD matter	MADHUKAR MISHRA	PHYSICS
113	2014B5A70853P	SACHIN MISRA	Computational Physics	NAVIN SINGH	PHYSICS
114	2014B5A70869P	JAYANT JAIN	Quantum Finite Automata	J.N. BANDYOPADHYAY	PHYSICS
115	2014B5TS0664P	SIBESH KAR	DEVELOPING AI FOR UNKNOWN DATA	NAVIN SINGH	PHYSICS
116	2015A1PS0495P	K. SURYA SIDHARTHA	Application of Computational Fluid Dynamics (CFD) in numerical simulation of gravity turbidity currents.	ECKART MEIBURG, UNIV. OF CALIFORNIA.	CHEMICAL
117	2015A1PS0511P	DEBARCHAN BASU	Survey and comparison of Variable selection techniques for inferential model development	AJAYA KR. PANI	CHEMICAL

S.No	BITS ID	Name	Topic	Supervisor	Department
118	2015A1PS0521P	SUMEGH GARG	Fluidization	ARVIND KR. SHARMA	CHEMICAL
119	2015A1PS0716P	PRANAV MAGADI	Analysis of Process Data for Optimization of crenulations process.	SATENDER RAWAT	CHEMICAL
120	2015A1PS0761P	SHIVAM KUMAR	Synthesis characterization and application of nanomaterials. Broad area: Nanoscience	SURESH VALIYAVEETIL	CHEMICAL
121	2015A1PS0769P	ANSHUMAN SHUKLA	Survey and comparison of PID controller tuning techniques	AJAYA KR. PANI	CHEMICAL
122	2015A1PS0791P	KABIR AHUJA	Application of machine learning in Reaction Engineering	WILLIAM H. GREEN	CHEMICAL
123	2015A1TS0787P	VIDUSHI CHITRANSHI	Computational Fluid Dynamics	DEBJYOTI BANERJEE,	CHEMICAL
124	2015A2PS0577P	DIVYA PRAKASH JAIN	Fire Resistance in RCC Structure	G MUTHUKUMAR	CIVIL
125	2015A2PS0598P	AKSHAY PATIDAR	Performance based design of frame structure.	G. MUTHUKUMAR	CIVIL
126	2015A2PS0700P	ASHWANI CHHATRE	Performance based Earthquake Engineering of RC structures	G MUTHUKUMAR	CIVIL
127	2015A2PS0709P	ABHIJEET PANDEY	Seismic risk and loss estimation in sector 2 & 23 of Gandhinagar	ANSHUMAN	CIVIL
128	2015A2PS0788P	ABHISHEK ANAND	Risk management in infrastructure development	RAVI KANT MITTAL	CIVIL
129	2015A2PS0822P	SAURAV	Resilience Based Design of Structures	G. MUTHUKUMAR	CIVIL
130	2015A2TS0461T	HARSHIT UPADHYAY	Design of various Drinking water systems for Hilly Areas.	ANUPAM SINGHAL	CIVIL
131	2015A2TS0719P	LAKSHAY KUMAR	Analysis of multi storey building pierced shear wall	MANOJ KUMAR	CIVIL
132	2015A2TS0802P	NIHARIKA	Water Derivative market Analysis (Mathematical finance)	R. SRINIVAS	CIVIL
133	2015A3PS0207P	ISHAAN GHOSH	Development of neural electrode probe	HYUKJOO J. LEE	EEE

S.No	BITS ID	Name	Topic	Supervisor	Department
134	2015A3PS0237P	MOHAMMED DANISH	Antiderivative antialiasing of memoryless nonlinearities in feedback	STEFAN BILBAO	EEE
135	2015A3PS0263P	TARU KAPOOR	Hardware in the loop test bench for model based wntrol desgin.	RAINER NITSCHKE	EEE
136	2015A3PS0265P	AKASH SONTH	Image processing and computer vision	K. K. GUPTA	EEE
137	2015A3PS0267P	PRADYUMN SINGH	Swarm intelligence and meta-heuristic optimization algorithms	PUNEET MISHRA	EEE
138	2015A4PS0182P	ROSHAN PRADHAN	MODELING AND SIMULATION OF RAIL-VEHICLE	ARUN LALAN	MECH
139	2015A4PS0196P	SARANSH ARORA	MICROFLUIDES	PROSENJIT SEN	MECH
140	2015A4PS0239P	SAI SHUBODH P.	Autonomous Tree Mapping Algorithm for a forest Like Area Using A Quadicopter	MADHAVA KRISHNA	MECH
141	2015A4PS0340P	AYUSH PRIYANSH TRIPATHI	Supply Chain Management	SRIKANTA ROUTROY	MECH
142	2015A4PS0341P	SABYASACHI DASH	Self Driving car technology for Indian conditions	BIJOY KUMAR ROUT	MECH
143	2015A4PS0364P	BALA VADAN DAMARLA	Porous fin arrangement for cooling electronic equipment	P. SRINIVASAN	MECH
144	2015A4PS0388P	PRANAV DESHPANDE	Applications of IoT for Predictive maintenance	ABHIJEET K. DIGALWAR	MECH
145	2015A4PS0425P	VISHNU SHANKAR	Supply chain Management (Agricultural Supply Chain)	SRIKANTA ROUTROY	MECH
146	2015A4PS0435P	MANAV FAKEY	REDESIGNING THE SUPPLY CHAIN PLANNING PROCESS	PRADEEP KUMAR	MECH
147	2015A4TS0296P	KARTIK AGGARWAL	Supply Chain Management in healthcare sector	SRIKANTA ROUTROY	MECH
148	2015A5PS0939P	DIKCHHA AGRAWAL	NAHRAL PRODUCTS	PAUL ATISH	PHARMACY
149	2015A5PS0941P	PRATYUSH RAO	Synthesis and evaluation of tamoxifem nanoparticles	ANUPAMA MITTAL	PHARMACY

S.No	BITS ID	Name	Topic	Supervisor	Department
150	2015A5PS0944P	B. SRI SOURYA SAI	Nano-carrier based drug delivery for anticancer drugs	M.M PANDEY	PHARMACY
151	2015A5TS0910P	RASHMILA MITRA	Deciphering hepatocytes death in Fatty Liver Disease	DR.PARTHA CHAKRABARTI	PHARMACY
152	2015A5TS0922P	RUCHI CHOUDHARY	Anticoagulant properties of novel factor XIa inhibitors	R MANJUNATHA K	PHARMACY
153	2015A5TS0927P	PRATIM PATHAK	Diabetes and digital therapy	PRAYAT SHAH	PHARMACY
154	2015A5TS0942P	PARIDHI GUPTA	Evaluating P,cokinetics of anti-asthmatic drugs in the body	GUENTHER H	PHARMACY
155	2015A5TS0955P	PRAKRITI ROY	Innovative formulation based on novel drug delivery platform/ New chemical entity research Program	NITIN DHARMADHIKARI	PHARMACY
156	2015A7PS0022P	VISHAL	Information Gathering through the analysis encrypred mobile traffic	ASHUTOSH BHATIA	CSIS
157	2015A7PS0047P	PRANAV SIDDHARTH S	Automated Multimedia Contact Controller for Academic Community	NAVNEET GOYAL	CSIS
158	2015A7PS0056P	ABHAY KOUSHIK	Developing a Brain Computer Interface for Interfacing in Deep Sleep	PATTIE MAES	CSIS
159	2015A7PS0059P	NISCHAY SINGH	Scientific Computing	LAXMIKANT V KALE	CSIS
160	2015A7TS0045P	SAURABH MANISH RAJE	Hijacking Rust Programming Language for Online High Performance Data Analytics	BRUNO RAFFIN	CSIS
161	2015A8PS0462P	KUSHAGRA AGGARWAL	CMOS Qubit logic devices	SALVANO DE FRANCESCHI	EEE
162	2015A8PS0469P	SATYANM GUPTA	Embedded system and PCB	ALEXANDER LAMPRECHT	EEE
163	2015A8TS0422P	HITESH AHUJA	Hardware software co-design for CNN based object detector.	CHANDRA SHEKHAR	EEE
164	2015ABPS0506 P	I.SAI PRASAD	Biomedical applications of rapid prototyping	VARUN SHARMA	MECH

S.No	BITS ID	Name	Topic	Supervisor	Department
165	2015ABpS0808P	ADITYA MEHTA	Daily activity recognition system using MEMS based inertial sensor for assisted living	SAI KRISHNA VADDADI	MECH
166	2015ABPS0833P	MANPREET SINGH	DESIGN OF ROBOTIC COMPONENTS FOR LEARNING FACTORY	K S SANGWAN	MECH
167	2015B1TS0929P	SAMAKSHI TIWARI	Recording, analyzing and modelling the canopy and micro-climate suitability of birds	HUKUM SINGH	BIO
168	2015B5PS0789P	SANSKRITI CHITRANS	Ion source development	MANAS MUKHERJEE	PHYSICS
169	2015B5TS0961P	SAMRIDHI	Nanostructured gas sensors	R K GUPTA	PHYSICS
170	2017A7TS0017P	ROHAN SAXENA	Deep Neural Networks for Scene Flow Estimation	DIDIER STRICKER	CSIS

#### K.K.BIRLA GOA CAMPUS

S.No	BITS ID	Name	Topic	Supervisor	Department
1	2014B1A30858G	Tushar Cornelius	Classification of emotion using EEG Technology	Dr. Veeky Baths	Biological Sciences
2	2014B1A30943G	Rahul Bhateja	Understanding protein structure using graphs	Raviprasad Aduri	Biological Sciences
3	2014B1PS0932G	Subrat Pathak	Learning latent content features for perceptual engagement using deep learning and electroencephalography	Dr. Veeky Baths	Biological Sciences
4	2014B1A30709G	Heer Vipul Joisher	Investigating the functional consequences of mutations at the Rev7 interface of Rev 1 Translesion synthesis polymerase	Prof. Graham C. Walker	Biological Sciences
5	2014B1A30663G	Shabad Lamba	Generating personalised music using neural network & cognitive science	Dr. Vinoo Alluri	Biological Sciences
6	2014B1A70697G	Urvashi Jain	Role of DNA methylation in regulating inflammatory gene expression in macrophages	Dr. Siddhartha Jaiswal	Biological Sciences



S.No	BITS ID	Name	Topic	Supervisor	Department
7	2014B1A40939G	Nissim Gore Datar	Self-Contained Sun-Powered Wastewater treatment system	Prof. Michael R Hoffmann	Biological Sciences
8	2014B1A10857G	Siddharth Das	Non-Linear Systems control and identification on a MIMO systems	Dr.S.S.Baral	Chemical Engineering
9	2015A1PS0666G	Sourav Kumar	Enzymes production using citrus peels as substrate	Dr. Vivek R	Chemical Engineering
10	2014B2A10879G	Ranit Banerjee	Understanding and modelling Indian monsoon and its effect on water energy food nexus	Anirban Roy	Chemical Engineering
11	2014B5A10898G	Mayank Surendra Bhandarkar	Design & Synthesis of nano structured materials from waste materials for electrochemical applications	Dr. Richa singhal	Chemical Engineering
12	2015A1PS0301G	Ajay A Kumar	Investigation on the Tin-zin electroplating bath	Dr. Jegatha Nambi Krishnan	Chemical Engineering
13	2014B2A10883G	P Praveen Ranganath	Stability of Liquid films in the Presence of Surfactant	Dr. Rajagopal Vellingiri	Chemical Engineering
14	2015A1PS0618G	Bhargavi Bhat	Electrochemical doble layer super-capacitors	Prof. Sanjeev Kumar Gupta	Chemical Engineering
15	2015A1PS0692G	Chahat Aggarwal	Relaxation Schemes for lattice boltzman method	prof. S V Raghurama Rao	Chemical Engineering
16	2015A1PS0651G	Somnath Sandeep	3D printing for biomedical and protection applications	Prof Sung Hoon Kang	Chemical Engineering
17	2015A1PS0721G	Bhavya Jaiswal	Lignocellulosic biomass valorisation into value added products	Prof. K K Pant	Chemical Engineering
18	2015A1PS0670G	Vivek Khanna	Synthesis and characteritaton of suspensions of polymers gazed nanoparticles	Dr. Jyoti Seth	Chemical Engineering
19	2015A1PS0564G	Aravind Satish	Developing framework and preparing emission inventory for bangaluru city	Dr. Pratima Singh	Chemical Engineering
20	2015A1PS0734G	Manan Sarupria	Synthesis and characteritaton of nanomaterials	Prof. Suresh Valiyaveettil	Chemical Engineering
21	2014B2A10715G	Avinash Laddha	ETP & RD plants chemical & operating system	Dr.Ajoy Sinha	Chemical Engineering

S.No	BITS ID	Name	Topic	Supervisor	Department
22	2014B2A40783G	Aditya Kamath	Machine learning for the solution of the Schrodinger equation	Dr. Sergei Manzhos	Chemistry
23	2014B2A30889G	Piyashi Biswas	Study of biochemical interactions between vascular tissues and drug-tissue interfaces	Dr. Abhishek Jain	Chemistry
24	2014A7PS0092G	EDURINTI RANA PRATHAP REDDY	The impact of digital computer technology and how artificial intelligence is revolutionising movie industry	Dr. RamPrasad S Joshi	Computer Science
25	2014B4A70632G	Abhinand Gopal	Alternative Backtracking methods for monte carlo tree search	Prof. Ashwin Srinivasan	CS & IS
26	2014B1A70868G	Aditya Agarwal	Recommendation system	Dr. Bharat M Deshpande	CS & IS
27	2014B3A70963G	Mahesh Hada	To investigate static and dynamic approaches for the detection of android malware	Dr. Sanjay K Sahay	CS & IS
28	2014B5A70807G	Shubham Pradhan	Language processing in the brain	Dr. Veeky Baths	CS & IS
29	2014B5A70566G	Vishal Agrawal	Decision Procedures for Fragments of first order logic	Dr. A Baskar	CS & IS
30	2014B3A70938G	Shivam Agarwal	EEG SSVEP signal classification for wheelchair motion	Dr. Veeky Baths	CS & IS
31	2014B3A70926G	Anshul Sharma	To Reduce the false positive/negative for the improvement in the malware detection accuracy	Dr. Sanjay K Sahay	CS & IS
32	2014B2A70881G	Akash Gupta	To investigate the robustness of the malware classifier against poisoning attack	Dr. Sanjay K Sahay	CS & IS
33	2014B3A70629G	Bharat Arora	User profiling and web data mining	Prof Bharat M Deshpande	CS & IS
34	2014B4A70595G	Bauskar Adwait Jitendra	Designing meta-clouds & Meta-services	Dr. Santonu Sarkar	CS & IS
35	2014B1A70940G	Sonawane Ajinkya Lakhan	Evolution of sox gene family and effective in cancer	Dr. Sumit Biswas	CS & IS
36	2014B4A70913G	Kartikeya Kumar Jain	web tool to identify disease genes from individual genome sequences	Dr. Sumit Biswas	CS & IS

S.No	BITS ID	Name	Topic	Supervisor	Department
37	2015A7PS0090G	Vinamra Bhatia	A Fuzzer for public blockchain	Prof. Prateek Saxena	CS&IS
38	2014B3A70415G	Rohan Gajendragadkar	Speech controlled chess engine	Prof. A G Ramakrishnan	CS&IS
39	2015A7PS0119G	Jash Kamdar	Algorithm Trading & Machine Learning in Finance	Manish Jalan	CS&IS
40	2015A7PS0029G	Gautam M Naik	Sentiment extraction for marketing and financial predictions	Dr. Erik Cambria	CS&IS
41	2014B4A70914G	Yash Pandya	Application of machine learning for semantic extraction from text	Dr. Nathalie Aussenac- Gilles	CS&IS
42	2015A7PS0115G	Rohit Kaushik	Collaboration analysis and retrospection of slack	Dr. Thomas Fritz	CS&IS
43	2015A7PS0028G	Vedang Anand Waradpande	Prediction of Drug-Target interaction using machine learning	Prof Kwoh Chee Keong	CS&IS
44	2015A7PS0058G	Pooja Consul	Deep Learning for Video Tracking	Prof. Sankar Kumar Pal	CS&IS
45	2014A7B50087G	Annie Ray	Quantum error correction	Dr. Raymond Laflamme	CS&IS
46	2015A7PS0043G	Aditya Asgaonkar	Research in Blockchain technologies	Dr. Bhaskar Krishnamachari	CS&IS
47	2015A7PS0081G	Pranav S Palande	Graph-oriented Data Management on Distributed IoT devices	Dr. Yogesh Simmhan	CS&IS
48	2014B3A70484G	Piyush Gupta	Employment in India Estimation & Prediction using modern statistical techniques	Dr. Megha Patnaik	CS&IS
49	2014B2A70959G	Atul Shanbhag	Virtual Singapore (3D Reconstruction)	Prof. Sai-Kit Yeung	CS&IS
50	2014B5A70808G	Akshay Jagatap	Deep Learning in Cognitive Neuroscience	Dr. Sridharan Devarajan	CS&IS
51	2015A7PS0111G	Tejas Bhatia	Using NLP techniques to model and understand computer science learning via discussion forums	Dr. Carrie Demmans Epp	CS&IS
52	2015A7PS0078G	Sourabh Majumdar	Neural Approaches toward domain independent dialog systems	Dr. Marco Guerini	CS&IS

S.No	BITS ID	Name	Topic	Supervisor	Department
53	2014B4A70894G	Akhilesh Siddhanti	Cryptanalysis of lightweight stream ciphers	Prof. Subhamoy Maitra	CS&IS
54	2015A7PS0675G	Krishna Acharya	Studying the phenomenon of ideographers and characterizing the modes of diffusion of video based content	Prof. Rachid El-Azouzi	CS&IS
55	2015A7PS0019G	Pratik M Joshi	Investigation and implementation of techniques for conversion of computer code/ programs into natural language	Dr. Navin Goyal	CS&IS
56	2014B3A70792G	Kathan Kashiparekh	time series Analytics using deep learning	Dr. Pankaj Malhotra	CS&IS
57	2014B5A70705G	Sneha Madle	Soc Generator for the shakti processor eco-system	Prof. U Kamakoti	CS&IS
58	2015A7TS0075G	Nikhil Vijay Khedekar	Subterranean Aerial Robotics	Dr. Kostas Alexis	CS&IS
59	2014B4A70623G	Apeksha Jain	High Frequency Finance	Dr. Ionut Florescu	CS&IS
60	2015A7PS0062G	Samarth Mehrotra	Computational modeling of language and concept acquisition	Dr. Amy Perfors	CS&IS
61	2015A7PS0094G	Archit Patke	Resiliency for Extreme Scale systems	Prof. Ravishankar Iyer	CS&IS
62	2015A7PS0005G	Kaivalya Rawal	Towards Querying and Mining of Big-Graphs	Dr. Arijit Khan	CS&IS
63	2014B3A80794G	Kshitiz Agarwal	Cost benefit analysis in project appraisal techniques: case studies in sanitation & bio waste	Dr. Debasis Patnaik	Economics
64	2014B3A30590G	Kashish Malhotra	Numerical applications for financial derivatives with specific focus on margin valuation adjustments in fixed income derivatives	Dr. Shashi Jain	Economics
65	2014B3A10368G	Prabhat C	The economics of public opinion: the case of user generated reviews and online word-of-mouth.	Dr. Sreelata Jonnalagedda	Economics
66	2014B3A30510G	Ashu Tayal	Role of caste in Politics and Regional Development	Dr. Shabana Mitra	Economics
67	2014B3A70419G	Amith P	Deveopment of software modules for building a	Prof. K V S Hari	Economics

S.No	BITS ID	Name	Topic	Supervisor	Department
			photorealstics indian road traffic simulator		
68	2015A3PS0284G	Mayank Marocha	physical layer security for satalite communication	Dr. Nitin Sharma	EEE
69	2014B2A30955G	Abhinav Singh	Security in GNSS tranomission	Dr. Nitin Sharma	EEE
70	2014B2A30786G	Yogendra Singh Chouhan	Software managed Cache	Dr. Biju K R	EEE
71	2015A3PS0209G	Vikramaditya Kukreja	Digital Image correlation	Prof. D M Kulkarni	EEE
72	2015A8PS0368G	Sarthak Agarwal	Design of Analog front design and signal processing system for sensor interfacing	Dr. Anita Agrawal	EEE
73	2015A3PS0232G	Rishabh Jain	Implementation of neural networks hardware architectures on FPGA	Dr. Amline Prince	EEE
74	2015A8PS0439G	Caculo Sriyash Mahendra	Security for embedded Systems	Dr. Lam Siew Kei	EEE
75	2015A8PS0420G	Selwyn Gomes	Mathematical Modelling and simulation of Cell movement on Modern hardware	Prof. Jonathan H Manton	EEE
76	2015A8PS0332G	Saloni Oswal	High Performance DSP architecture	Prof. Ahmed Hemani	EEE
77	2015A3PS0215G	Advait Gadhikar	Quality Assessment for virtual Reality applications	Dr. Rajiv Soundararajan	EEE
78	2015A3PS0288G	Abhinav Singh	Marine Robotic system / control	Dr. Antonio M Pascoal	EEE
79	2014B2A80710G	Sarthak Singh	Data analytics for good Governance	Mr. Siddarth Jain	EEE
80	2015A3PS0127G	R V Sai Prudhvi	Developing an internet-of-things platform and machine learing pipeline for personal assistive learing	Dr. Mina Khan	EEE
81	2015A8PS0302G	Utkarsh Sarawgi	Embedded Design of AI accelerators for personal assistive learning	Dr. Mina Khan	EEE
82	2015A3PS0217G	Abhishek Khare	Development & implementation of event detection & classfication algorithm for fiber optics based perimeter intrusion detection system	Shri S Bahuguna	EEE

S.No	BITS ID	Name	Topic	Supervisor	Department
83	2015A3PS0225G	R S Surya	High Mobility graphene Transistors their fabrication and electrical characterization	Dr. Mandar M Deshmukh	EEE
84	2015A8PS0490G	Siddhesh Tiwari	Spectrum Hand-off in cognitive radio networks	Prof Rajeev Tripathi	EEE
85	2015A8PS0357G	Sebastin Santy	Obstacle and doorway detection using low-resolution camera images on a mobile robot	Dr. David Touretzky	EEE
86	2014B1A30875G	Jain Honey Ashok	Evaluation of protein Interactions	Dr. Christian Landry	EEE
87	2014B4A30909G	Sammit Jain	Image Segmentation and Computer Vision	Dr. Robert M. Haralick	EEE
88	2014A8B50373G	Shivan Khullar	Numerical calibration of observational diagnostics for star formation efficiency	Prof. Mark Krumholz	EEE
89	2015A3PS0166G	Vasu Gupta	Full custom design of DIDACTIC: A Data-intelligent Digital to Analog converter with a trainable integrated circuit	Prof. Shahar Kvatinsky	EEE
90	2015A8PS0475G	Patil Siddhant Vitthal	Designing reconfigurable approximate multipliers	Prof. Dr. Akash Kumar	EEE
91	2015A3PS0198G	Suparno Pal	Smart IOT Enabled multi sensor vitals monitoring system	Prof. N S Dinesh	EEE
92	2015A3PS0143G	Aastha Patel	Engineering education research in electrical engineering curriculum	Prof. Chandan Dasgupta	EEE
93	2014B2A30949G	Pasupuleti Suryachandra Prasad	Accelerating image processing pipelines on FPGAs	Dr. P Venkata Suresh Reddy	EEE
94	2014B1A30933G	Evam Gilotra	FPGA based reconfigurable embedded systems for mixed criticality	Prof. Dr. Jorg Henkel	EEE
95	2014B1A30937G	Glenn Jacob Fernandes	Brain Computer Interface	Dr. Sridharan Devarajan	EEE
96	2015A3PS0158G	Shubham Kumar	Marine Robotic systems/Navigation	Dr. Antonio M Pascoal	EEE
97	2015A8PS0432G	Archit Kapoor	Implementation of LSB framework for IOT security	Dr. Salil Kanhere	EEE

S.No	BITS ID	Name	Topic	Supervisor	Department
98	2014B4A30575G	Soni Saloni	Emotional Analysis with mathematical models	Dr. Veeky Baths	Mathematics
99	2014B4A10235G	Gandhi Prasheel Chetan	Application of power index on stock market	Dr. J K Sahoo	Mathematics
100	2014B4A70680G	Abhiraj Saxena	study of free groups in aautomata theory	Dr. Himadri Mukherjee	Mathematics
101	2014B4A30578G	Himanshu agarwal	application of voting game in financial maths	Dr. Himadri Mukherjee	Mathematics
102	2014B4A80911G	Siddharth Somani	The Relationship between earnings calls , inverter sentiment and market performance	Dr. Naman Desai	MATHEMATICS
103	2014B4A70866G	Shreya Arya	Computational topology and algorithmic aspects of persistent homology	Dr. Jean Daniel Boissonnat	MATHEMATICS
104	2014B4A70427G	Ashutosh Saboo	Using Machine learning for knowledge acquisition and model definition and mathematical optimization for using the acquired knowledge in real-time decision making in areas like transportation, energy, healthcare and telecommunication.	Prof. Andrea Lodi	MATHEMATICS
105	2014B4A70603G	Aaditya Vikas Vaze	New techniques for interactive visualization, linking and navigation of web space in AR/VR	Dr. Karan Singh	MATHEMATICS
106	2014B4A70782G	Manu Saraswat	Probing Transcriptional Regulations of the human non coding RNAs	Dr. Lecellier Charles	MATHEMATICS
107	2014B4A70689G	Devashi Gulati	Algebraic K-Theory of Simplicial rings	Dr. Ajneet Dhillon	MATHEMATICS
108	2014B4A70624G	Kushal P	Automata and logics for graph languages	Dr. Aiswarya Cyriac	MATHEMATICS
109	2014B4A70526G	Sanyam Mehta	Post Quantum Cryptographic Protocols	Dr. Vishal Saraswat	MATHEMATICS
110	2014B4A80605G	Om Athalye	Circle Method and its Applications	Himadri Mukherjee	Maths
111	2014A4PS0302G	Shubham Garg	Buchling control of struchers	Dr. Sandeep Jose	Mechanical Engineering
112	2014A4PS0324G	Mayank Maruka	Bioticibological analysis of orthopedic human implants	Prof. D M Kulkarni	Mechanical Engineering

S.No	BITS ID	Name	Topic	Supervisor	Department
113	2014A4PS0359G	Ghanshyam Tripathi	Elastic properties of boron nitrides nano sheets	Dr. Sandeep Singh	Mechanical Engineering
114	2015A4PS0333G	Narayanan M Menon	Creep Studies of Rotational Molded polymers	Dr. Sachin D Waigaonkar	Mechanical Engineering
115	2014B5A40706G	Prateek Nagvani	Simulation of microchannels	Dr. Pritanshu Ranjan	Mechanical Engineering
116	2014B5A40790G	Samyak Jain	Flow over a rotating cylinder- CFD Study	Dr. Pritanshu Ranjan	Mechanical Engineering
117	2014B3A40515G	Sukrit Gaira	Investigation of crack propagation in single point incremental forming	Dr. G Karthikeyan	Mechanical Engineering
118	2015A4PS0354G	Miheer Joshi	Vibration Damping study of electric DC Motors	Dr. Kiran Mali	Mechanical Engineering
119	2014B2A40890G	Aneesh Dandime	vibration analysis of moderately thick plates	Dr. Kiran Mali	Mechanical Engineering
120	2014B4A40337G	Divya Mishra	CFD Analysis of thoust vectoring nozzle	Dr. Pritanshu Ranjan	Mechanical Engineering
121	2014A4PS0336G	Vishnu Suresh Nair	finite element analysis of friction welding	Dr Ravindra Singh Saluja	Mechanical Engineering
122	2014B5A40523G	Kishore Gopalakrishnan	the origin of cosmic magnetic fields	Dr. Kandaswamy Subramanian	mechanical engineering
123	2015A4PS0318G	Tom Jose	To develop a computational model for 3D incompressible multifluid flows	Dr. T Jayachandran	mechanical engineering
124	2015A4PS0384G	M Kaushik Reddy	To develop a computational model for 3D incompressible multifluid flows	Dr. T Jayachandran	mechanical engineering
125	2014B4A40555G	Rathi Shubham Pawan	Design and development of frontend components for Xsolar-Hetero.sg using react/redux/graphql and Mirco-service development to enable server-side rendering of svg plots for various pv characterisation measurements	Dr. Rolf Stangl	mechanical engineering
126	2014B4A40896G	Smith Sen	Spatial Estimation from mixed spatial data (continuous and ranked) Application to temporary flooded areas elevation field	Dr. Jean Stephane Bailly	mechanical engineering
127	2014B5A40695G	Rohit Shekhar	The Impact of Type 1A supernova Radiation on Nearby interstellar dust	Dr. Mattia Bulla	mechanical engineering



S.No	BITS ID	Name	Topic	Supervisor	Department
128	2015A4PS0147G	Shreyash kumar	Gait control of quadruped robot with series elastic actuators based joints	Dr. Yu Haoyong	mechanical engineering
129	2015A4PS0316G	Shubham Chavan	Development of Interaction Control for Robotic walker for Gait Rehabilitation	Dr. Yu Haoyong	mechanical engineering
130	2014B5A40469G	B.Rachith Aiyappa	Collective dynamics of animal groups (fish schools)	Dr. Vishweshha Guttal	mechanical engineering
131	2014B5A40557G	Chirag Deshpande	Durable anti-icing coatings	Dr. Nenad Miljkovic	mechanical engineering
132	2015A4PS0138G	Parikh Keval Ketan	Fight Dynamics of spinning slender bodies subjected to exhaust control mechanism	Dr. Murali Damodaran	mechanical engineering
133	2015A4PS0323G	Rohan Godiyal	Marine Robotic systems/ cooperative control	Dr. Antonio M Pascoal	mechanical engineering
134	2014A3B50178G	Shantanu Gontia	To study mass spin parity of dark matter in astrophysical processes	Dr. Prasanra Kumar Das	Physics
135	2014B5A30669G	Madhur Dodeja	Study of active amplification of signals in bivarlar membrane using nmlinear oscillator	Dr. Toby Joseph	Physics
136	2014B5A30899G	Harsh Mavani	study analysis and implementation of quantum algorithms	Dr. Radhika Vathsan	Physics
137	2014B5A30677G	Pratik Manwani	High energy density phenomena in plasma wakefield acceleration	Prof. James Rosenzweig	Physics
138	2014B5A40609G	Tejas Ajay Zodage	Design simulation and manufacturing of bioinspired robots, gait analysis	Dr. Howie Choset	Physics
139	2014B5A10679G	Prathamesh Bodhankar	Effect of heat treatment on the microstructure and mechanical properties of commonly used carbon/ low alloy steels	Dr. Supratik Roy Chowdhury	Physics
140	2014B5A30418G	Sangeeth Jayan	Drone Based Acoustic Scene Analysis	Prof. T. V Sreenivas & Srikanth Raj	Physics
141	2014B5A30401G	Jaychandran Padayasi	Transport in weyl semimetals	Dr. Andre- Marie Tremblay	Physics
142	2015B5PS0558G	Vibhu Mishra	Quantum entanglement and gravity	Dr. Shankaranarayan S	Physics
143	2014B5A70598G	Nikhil Ramesh	Dynamics of gene regulation network: the role of	Prof. Sitabhra Sinha	Physics

<b>S.No</b>	<b>BITS ID</b>	<b>Name</b>	<b>Topic</b>	<b>Supervisor</b>	<b>Department</b>
			structural balance and frustration		
144	2014B5A30449G	Lucky Kapoor	study of graphene nanomechanical (NEMS) Resonator	Dr. Mandar M Deshmukh	Physics
145	2014B5A30599G	Sanket Deshpande	Detector Design and Instrumentation	Dr. Satyanarayana Bheesette	Physics

**HYDERABAD CAMPUS**

<b>S No</b>	<b>ID Number</b>	<b>Name</b>	<b>Title</b>	<b>Supervisor</b>	<b>Monitoring Department</b>
1	2012B4TS0966H	Pransu Tripathi	Graph Theoretic Algorithms	Prof.Michael Alphonse	Mathematics
2	2013A3PS0295H	K S Vishnu Koushik	Detection and Processing of ECG signal	Prof. BVVSN Prabhakar Rao	EEE
3	2013B1A20602H	Prakhar Pincha	Design of dense asphalt mixture with reclaimed asphalt pavement (rap) material and bitumen emulsion	Sridhar Raju	Civil Engineering
4	2013B2A20906H	Anvesh Reddy Japa	Regression Analysis using Time-Motion Studies for MGNREGA Works	Dr. Murari R R Varma	Civil Engineering
5	2013B3A20574H	Nareddy Vedavyas Chandra Mouli Reddy	Significance of mental models in Economics	Dr. Sudatta Banerjee	Economics & Finance
6	2013B5A20736H	D Koushik	Experimental investigations on bitumen aging	Prof.V. Vinayak Ram	Civil Engineering
7	2014A2TS0593H	Shivani Sanjay Mahaddalkar	Multicriterion optimization of water distribution system design using bio inspired algorithms	Prof.A. Vasan	Civil Engineering
8	2014A3PS0402H	Richa Mittal	Game of Thrones, Likes and Political Correctness: How engineering students are being affected by visual media	Prof. Sanket Goel/Dr. Lavanya Suresh	EEE
9	2014A4B50369H	Saaransh Singhal	Study of Dynamics on Recurrence Networks generated using standard Attractors	G. Ambika/Dr. Sabareesh GR	Mechanical Engineering
10	2014B1A20667H	Rishabh Agrawal	Precipitation Prediction Using ANN	A. Jagadeesh	Civil Engineering
11	2014B1A20784H	Kunal Agarwal	Machine Learning for Concrete Design in Multi-Storey Structures	Chandu Parimi	Civil Engineering
12	2014B1A70726H	Anand S Shankar	Magnetic resonance electrography of the liver in children: variations in regional stiffness	RAMKUMAR KRISHNAMURTHY/ Dr. Ramakrishna Vadrevu	Biological Sciences

S No	ID Number	Name	Title	Supervisor	Monitoring Department
13	2014B1AB0732H	Prashal Agrawal	Generation of non-degenerate graphs of single degree of freedom epicyclic gear trains using acyclic graphs	Prof. Y. V. D. Rao	Mechanical Engineering
14	2014B1AB0902H	Paran Goel	Development of bivalent conjugate vaccine for Typhoid and Paratyphoid	Dr. RAVI MISHRA/Dr. Jayati Ray Dutta	Biological Sciences
15	2014B1AB0913H	Ayush Yadav	Minimum features for any point of care device	Dr. SUMAN KAPUR	Biological Sciences
16	2014B2A20900H	Aniruddha Singhal	Precipitation Forecasting using Artificial Neural Networks	A. Jagadeesh	Civil Engineering
17	2014B2A30910H	Aayushi Sharma	Designing and fabrication of high efficiency organic light emitting diodes	Prof. Manab C	Chemistry
18	2014B2A40780H	Pranav Bang	Effect of inter layer spacing on the band structure of modified graphene-MoS <sub>2</sub> bilayers	Dr. K Sumithra	Chemistry
19	2014B2A40973H	Raghav Salwan	Residual layer free fabrication of metal oxide micro/Nano structures	Dr. Ramakrishnan Ganesan	Chemistry
20	2014B2A80915H	T Jaya Bharath Reddy	Synthesis and characterization of carbon based Nano materials	Dr. Balaji Gopalan	Chemistry
21	2014B3A30935H	Divyansh Mahajan	Routing algorithm & Routing architecture	Dr. Soumya J	EEE
22	2014B3A70381H	Arvind A S	Analysis of medical data like EEG, ECG and skin sensor data for the emotion state classification using machine learning models like neural networks	Prof. CHNG Eng Siong/Dr. Rishi Kumar	Economics & Finance
23	2014B3A70604H	Yash Raj Jain	Reverse engineering how people learn how to decide	Dr. Falk Lieder/Dr. Rishi Kumar	Economics & Finance
24	2014B3A70739H	Supriya Lakhtakia	Issues of intra-house hold gender inequality and its welfare implications	Prof. Hema Swaminathan/Dr. Rishi Kumar	Economics & Finance
25	2014B4A10507H	G. Tarun Sai	Study on carbon fiber reinforced composites	D. Purnima	Chemical Engineering
26	2014B4A30981H	Prateek Jain	Control and Automation of service mobile robot	Dr. Arshad Javed/Dr. Prasant Kumar Pattnaik	EEE

S No	ID Number	Name	Title	Supervisor	Monitoring Department
27	2014B4A40543H	Tarun Kumar. S	Determination of Johnson-Cook Material Model parameters for machine simulations using Inverse Andysis	Dr. Amrita Priyadarshini	Mechanical Engineering
28	2014B4A40694H	Prakhar Tiwari	Design of mechanical fixation for Hoffa's Type-I fracture of Femue	Prof. S. P. Regalla	Mechanical Engineering
29	2014B4A40760H	Shubham Malani	Fashion Analytics	Dr. V.V.HARA GOPAL	Mathematics
30	2014B4A40926H	Manan Agarwal	Engine performance with fuel produced from spent tea leaves	Dr. Nitin Ramesh K/Prof. S S Deshmukh	Mechanical Engineering
31	2014B4A70424H	Vedic Sharma	Mathematics of Tiling Problems	B. SURYDr. SHARAN GOPAL	Mathematics
32	2014B4A70525H	Ahana Ghosh	Mathematical modelling of personal assistant for the human agent	DR. ADISH SINGLA /Dr. P.K.SAHO	Mathematics
33	2014B4A70582H	Raj Aditya Kumar	Machine learning event identification from tweets in Twitter	Prof. N.L. Bhanu Murthy	Computer Science and Information system
34	2014B4A70648H	Karran Pandey	Topological methods to analyze time varying scalar fields	Dr.Vijay Natarajan/Prof. Tathagata Ray	Computer Science and Information system
35	2014B4A70711H	Sanchit Gupta	Music Genre Classification	Dr. N. ANIL/Prof. BANU MURTHY	Mathematics
36	2014B4A70752H	Abhishek Singh	Software change proneness using AI techniques	Dr. Lov Kumar/Prof. N.L.Bhanu Murthy	Computer Science and Information system
37	2014B4A70755H	Karthik Stivastaka	Handling rare words in language modelling	Prof. Chng Eng Siong/Dr. Aruna Malapati	Computer Science and Information system
38	2014B4AA0745H	Vibhu Agrawal	Automatic localization of body regions by demarcating axial body region boundaries on CT and PET/CT images via deep learning	Prof. JAYARAM K UDUPA/Dr. MANISH KUMAR	Mathematics
39	2014B4AA0758H	Aditi Bodhankar	Silver nanoparticle embedded Cu-ZnU based UV Photodetector	Dr. Souvik Kundu	EEE

S No	ID Number	Name	Title	Supervisor	Monitoring Department
40	2014B4AA0762H	Praful Gupta	Application of Game Theory optimal in 6-max Pot limit Omaha	Dr. DIPAK KUMAR SATPATHI/DUSHYANT KUMAR	Mathematics
41	2014B5A20728H	Hitendra Sai A	Application of Berry's phase in Quantum Mechanics	Dr.KV Shiv Chaitanya	Physics
42	2014B5A20994H	Hakkem Hadi Maqbool	Model free prediction of chaotic attraction using machine learning computing approach	Prof.Aravinda Raghavan/Prof.NL Bhanumurthy	Physics
43	2014B5A30740H	Kotyada Chandra Vardhan	High energy broadband Terahertz electromagnetic pulse generation from ultrashort pulse laser filamentation in liquids	Prof. G. Ravindra Kumar/Dr. Harihara Venkata Rama	Physics
44	2014B5A30766H	Mohit Upadhyay	Energy efficient mapping of computer version Algorithms and deep learning Networks on mobile Embedded Platform	Prof. T. Srikanthan(Dr. Alok Prakash)/Dr. V. Satyanarayana Murthy	Physics
45	2014B5A30960H	Anirudh Bhargav Josyula	Quantum Inspired Gravitational Collapse in (2+1) Dimensions	Dr. Sashideep Gutti	Physics
46	2014B5A30996H	Suraj Partani	To develop a proof of concepts for early stages cancer diagnosis using a novel Biomarker	Prof. Yogeewari/Dr. Soumya J	EEE
47	2014B5A40564H	Parakh M Gupta	ModQuad: Self-assembling flying modular robots	Prof. Vijai Kumar/ Dr. Supradeepan	Mechanical Engineering
48	2014B5A40676H	Vivek Vardhan Manepalli	Study of lubricant redistribution and condensation on lubricant infused surfaces	Dr. Patricia.B. Weisensee/Dr. N.Jalaiah	Mechanical Engineering
49	2014B5A40712H	Ebenezer Prasanna G	Electrical and Thermal conductivity measurement of PDC SIOC-GNP composite	Dr. R. Sujith	Mechanical Engineering
50	2014B5A70524H	K. Ramasami	Information retrieval for Astronomical Observatories	Prof. Sanjit Mitra/Dr. Rahul Nigam	Physics
51	2014B5A70775H	Aditya Vidhate	Applications Machine Learning Algorithms in Cosmology	Dr. Benedetta Ciardi/Dr. Rahul Nigam	Physics
52	2014B5A70779H	Ayush Jain	Implementation of Heylgo Search Engine using TF-IDF and SVD	Dr. Rahul Nigam/Prof. Sanjit Mitra	Physics

S No	ID Number	Name	Title	Supervisor	Monitoring Department
53	2014B5A70932H	Meghana K	Improving visual common sense reasoning in complex video dataset involving human object interaction by learning object properties	Dr. Arjun Jain/Prof. Tathagata Ray	Computer Science and Information system
54	2014B5A70963H	Arvind R.	Classification of Astronomical objects (Extra-solar planets)	Prof. P.K.Thiruvikraman	Physics
55	2014B5A80725H	B. Om Subham	Two-color pump-probe Doppler spectrometry for ultrafast spatial mapping of density dynamics in femtosecond, intense laser induced plasmas	Dr. G. Ravindra Kumar/Dr. Rahul Nigam	Physics
56	2014B5A80767H	Ashutosh Kumar	Microfluidics in Y-channels	Prof.Meenakshi V	Physics
57	2014B5AA0771H	V.R. Dinesh Kumar	Distance and Source Information Retrieval Based on Lighting Measurement	Dr. Jayesh Pabari/Prof. Kannan Ramaswamy	Physics
58	2014B5AA0961H	Ebin Philip	Study of advanced control methods for robotic application	Dr. Shaikshavali Chitraganti/Dr. Sudha Radhika	EEE
59	2014B5AB0658H	Chilukuri Jagadeep	Machining of steel alloy with varying parameters	Prof. N.S.K. Reddy	Mechanical Engineering
60	2014B5AB0716H	Rajat Bansal	Implementation of holonomic drive for autonomous mobile robot	Dr. Arshad Javed	Mechanical Engineering
61	2014B5AB0751H	Venkat Mohit Sornapudi	Molecular recognition by crossed graphene edge electrodes	Dr. Jan Van Ruitenbeek/Dr. V. Satyanarayana Murthy	Physics
62	2015A1PS0760H	Aayush Chaturvedi	Understand & work on product & process development	Mr.Akash Babu/Dr. Angan Sengupta	Chemical Engineering
63	2015A1PS0777H	Deepak Anjna	Study of nutritional indicators of children under the age of 5	Dr. Satyapaul Singh/Dr. Rishi Kumar	Chemical Engineering
64	2015A1PS0795H	Sparsh Sharma	Study of MFC by renewing literature & developing a model subsequently	Dr. Balaji Krishnamujrthy	Chemical Engineering
65	2015A1TS0669H	MD. Arish Arman	Experimental & modeling studies: Desalination of sea-water using nano-phonotics enabled solar membrane distillation(NESMD)	Dr. Vikranth Kumar Surasani/Prof. Kannan Ramaswamy	Chemical Engineering

S No	ID Number	Name	Title	Supervisor	Monitoring Department
66	2015A1TS0714H	Piyush Rath	Study of microgel automation in a gradient of salt	Dr. Ahmed Mourran/Dr. Balaji Krishnamujrthy	Chemical Engineering
67	2015A2TS0480H	Shankar Ram K.	Numerical studies of impact response of concrete using concrete damaged plasticity model	Dr.Kalyana Rama JS/ Dr.Chandu Parimi	Civil Engineering
68	2015A2TS0506H	D.V.V.S Pavan Kumar	Behaviour of a Primary Structure due to effect of Secondary Structures after the occurrence of an Earthquake	Dr.Chandu Parimi	Civil Engineering
69	2015A2TS0589H	Pratik Agrawal	Investigation on risk factors influencing crash occurrence in urban context	Dr.Bandhan Majumdar	Civil Engineering
70	2015A2TS0590H	K. Venkata Purneshwar	Subgrade Stabilization Using Alkali Activated Binder Treated Jute Geotextile	Dr.Anasua GuhaRay	Civil Engineering
71	2015A2TS0602H	E. Aakash Reddy	Mechanical characterization of concrete using alkali activated binders	Dr.Arkamitra Kar	Civil Engineering
72	2015A2TS0603H	Nidhi Sannametla	Numerical studies of dynamic response of concrete using concrete damaged plasticity model	Dr.Kalyana Rama J S	Civil Engineering
73	2015A2TS0612H	Nishant Dua	Development of PCM based Green Building Mortar	Prof.V. Vinayaka Ram/Dr.R. Parameshwaran	Civil Engineering
74	2015A2TS0616H	Aishwary Agrawal	Evaluation of uncertainty in hydrological models	Prof.K S Raju	Civil Engineering
75	2015A2TS0655H	Md. Zaid	Reliability based approach for assessing soil liquefaction potential	Dr.Anasua GuhaRay	Civil Engineering
76	2015A2TS0986H	Lashhanth Dhevaraju	Generation of stress-strain curves for concrete beams made with Alkali activated binders	Dr.Arkamitra Kar	Civil Engineering
77	2015A3TS0222H	S V Padmanabhan	Mathematical modelling of stator-inter turn faults in 3 phase induction motor in matlab and FEM	Dr. Sudha Radhika	EEE



S No	ID Number	Name	Title	Supervisor	Monitoring Department
78	2015A3TS0288H	Shubham Jha	Relation extraction using distant supervision	Dr. Partha Partim Talukdar/Dr. Aruna Malapati	EEE
79	2015A3TS0305H	Yohan M R	Development of a social assistive robot and EEG analysis of relative brain activity	Dr. Cathy Bodine/Dr. Alivelu Manga Parimi	EEE
80	2015A3TS0336H	Sarthak jain	Explaining adaptive routing in high-radius large scale interconnection networks	Prof. John Dongjun Kim/Dr. Soumya J	EEE
81	2015A4TS0065H	G. Nitin Simha Reddy	Optimization of process parameters to control porosity in Aluminum castings	Prof. N.S.K. Reddy	Mechanical Engineering
82	2015A4TS0317H	Rishabh Agrawal	Some studies of decision making in machining industries for sustainability	Dr. CP Kiran	Mechanical Engineering
83	2015A4TS0326H	Poluri Kamal	Enhancement of mechanical properties of TiAlV alloy using thermo-mechanical processing techniques	Prof. AK Gupta	Mechanical Engineering
84	2015A4TS0362H	Saad Mustafa Rizvi	Modelling of micro-grid using integrated renewable energy system	Mr. Khalid Anwar	Mechanical Engineering
85	2015A4TS0385H	Krishna Raj	Parametric study of 2-D flow past a square cylinder using CFD	Dr. N . Jalaiah	Mechanical Engineering
86	2015A4TS0387H	Ovase Monuddin Syed	Phase change materials, Thermal Energy Storage & Heat transfer	Dr. Parameshwaran/Prof . S.S. Deshmukh	Mechanical Engineering
87	2015A4TS0410H	Onkareshwar Mishra	Gear Mesh stiffness and Dynamic responses of a one stage/multi stage spur gear transmission	Dr. Pavan Kumar P	Mechanical Engineering
88	2015A4TS0419H	Ananya. V. K	Prosthetic Heat Values	Prof. GK Anantha Suresh/Prof. Y. V. D. Rao	Mechanical Engineering
89	2015A5TS0862H	Prem Prakash Singh	Data driven ranking of metabolic pathways	Prof. D Sriram/Shefali Lathwal	Pharmacy
90	2015A5TS0864H	AKHILA KUNAPULI	Treatment of Parkinson's using in-situ gelling system through nasal route	Prof.PUNNA RAO RAVINIL	Pharmacy

S No	ID Number	Name	Title	Supervisor	Monitoring Department
91	2015A7TS0082H	Saurabh Khandelwal	Application of deep learning and artificial intelligence for biomedical diagnosis and therapies	Dr. Mohamed Shehata Draz/Dr. Aruna Malapati	Computer Science and Information system
92	2015A7TS0088H	Sidhanth Krishna	Super resolution of images using deep learning in autonomous UAVs	Dr.S.N. Omkar/Prof. Chittaran Hota	Computer Science and Information system
93	2015A7TS0100H	Kriti Goyal	Application of machine learning to solve code SMEU	Prof. N.L. Bhanu Murthy	Computer Science and Information system
94	2015A7TS0121H	Tilak Mundra	Profile guided security sensitive point identification	Prof. Chittaranjan Hota	Computer Science and Information system
95	2015A7TS0139H	Nikhil Iyer	Natural language processing/Deep learning (CS-IS)	Dr. Iryna Guruvych/Dr. Lov Kumar	Computer Science and Information system
96	2015A7TS0149H	Amit Bhatt	Artificial Intelligence	Prof. Chittaranjan Hota	Computer Science and Information system
97	2015A7TS0152H	Nitish Ravishankar	Machine learning for program synthesis	Dr. Prateek Jain/Prof. N.L.Bhanu Murthy	Computer Science and Information system
98	2015A7TS0384H	Dipika Badri	Logical application of configurability in silicon nanowire	Dr. Akash Kumar/Dr. Geetha Kumari	Computer Science and Information system
99	2015A7TS0963H	Vishnu Ramesh	A summarizes for multiple news articles	Dr. Aruna Malapati	Computer Science and Information system
100	2015A7TS0967H	Akash Sebastian	Discovering patterns in data acquired from various on campus	Dr. Aruna Malapati	Computer Science and Information system
101	2015A8TS0478H	Rishabh Jain	Economic analysis of Indian electronics industry	Prof. Sanket Goel/Dr. Sudatta Banerjee	EEE
102	2015AATS0153H	P. Sree Rohith	Automatic musical chord recognition using signal processing techniques	Prof. Preeti Rao/Dr. Shaikshavali Chitraganti	EEE

S No	ID Number	Name	Title	Supervisor	Monitoring Department
103	2015AATS0220H	Peddi Sai Vivek	Dark web	Prof.P Kumaraguru/Prof.C R Hota	EEE
104	2015AATS0259H	Edwin Domnic	Detection of flooded areas as an application of SAR imaginary in remote sensing	Prof. S K Sahoo	EEE
105	2015AATS0262H	Adira Mohita	Material and Device characterization using PQMS and SIM to study bandgaps, band structures and breakdowns in materials	Gitansh kataria/Prof.Sanket Goel	EEE
106	2015AATS0983H	Aarati K Mehta	Extending Risk V CPU in order to optimize for code density	Dr.Sumohana S. Channappayya/Prof. Prabhakar Rao	EEE
107	2015ABPS0524H	Ruchik Mishra	Physically interactive Robo Games	Prof. Andrea Bonarini/Dr. Arshad Javed	Mechanical Engineering
108	2015ABPS0672H	Shanthan Kumar Padisala	Enhancement of mechanical properties of mitinol shape memory alloy using Thermo-Mechanical processing techniques	Prof. A. K. Gupta	Mechanical Engineering
109	2015ABPS0745H	Ashvin Vinodh	Effect of control cylinder on vertex shedding	Dr. Supradeepan	Mechanical Engineering
110	2015ABPS0796H	Mriganka Saikia	Menstrual Hygiene Management in India: A Dynamic Supply Chain Model	Dr.Shashank Garg/Dr. Nitin Ramesh K	Mechanical Engineering

#### DUBAI CAMPUS

S.No	BITS ID	Name	Topic	Supervisor	Department
1	2015A9TS0056U	ANGEL MATHEW	Studying the effect of synthesized bimetallic nanoparticles on intracellular pathways in breast Cancer cells	Pallab Sanpui Dr.	Bio-Tech
2	2015A4TS0145U	JASMITHA JOHNSON MENDONCA	Study on the corrosion behaviour of Zr based Metallic Glasses in various environments	Vincent Shantha Kumar Dr.	Mechanical
3	2015A4TS0297U	KALVALA ROHAN SAI	Simulation of IC engine using a commercial CFD software and analysis of flow characteristics	Snehanshu Chowdhury Dr.	Mechanical

4	2015A1TS0165U	KAPIL HITESH GOHIL	Catalytic Pyrolysis of Biomass	Rajib Ghosh Chaudhuri Dr.	Chemical
5	2014A3TS0904U	ROHIT LAKSHMANAN	Design, Modelling and Simulation of a Wind Power Energy System using a Doubly Fed Induction Generator	Chattopadhyay A.B.Dr.	EEE
6	2015A4TS0344U	SHRESH KUMAR MATHUR	Development of Bio- Magnesium based Materials	Vincent Shantha Kumar Dr.	Mechanical
7	2015A7TS0324U	VAIDYA SATYARTH SAMIR	Computational Intelligence Algorithms and its Applications	Sujala D. Shetty Dr.	CS
8	2015A1TS0076U	ARJUN TONY YESODHARAN	Extraction of Bio-Oil from Napier Grass	Prakash Kumar B G Dr.	Chemical
9	2015A4TS0175U	TIROUMOUROU GANE, KIRUBAKA RAN	Effect of Sweepback Angle on Aerodynamic Drag in High Speed Flows	Shashank Khurana Dr.	Mechanical

## Books/ Book chapters Published during 2018

### Pilani Campus

1. Deepak Chitkara, Anupama Mittal, and Ram I. Mahato, *Molecular Medicines for Cancer: Concepts and Applications of Nanotechnology*, CRC Press, Taylor Francis, Florida, USA.
2. Tiwari P., Bhat A.K., Tikoria J. (2018) Factors Affecting Individual's Intention to Become a Social Entrepreneur. In: Agrawal A., Kumar P. (eds) *Social Entrepreneurship and Sustainable Business Models*; pp 59-98; Palgrave Macmillan, Cham. (DOI [https://doi.org/10.1007/978-3-319-74488-9\\_3](https://doi.org/10.1007/978-3-319-74488-9_3)); Print ISBN 978-3-319-74487-2; Online ISBN 978-3-319-74488-9.
3. N. Chaturvedi, S. Mishra, S. Dhakad, N. Sharma, K. Singh, Nitin Chaturvedi, R. Taliyan, A. Chauhan, D. K Kharbanda , P. K Khanna, "Development of GaN HEMTs Based Biosensor ", *The Physics of Semiconductor Devices Series, Springer Proceedings in Physics, Springer Nature Switzerland AG*, Published on 28, October 2018.
4. N. Chaturvedi, S. Mishra, S. Dhakad, N. Sharma, K. Singh, Nitin Chaturvedi, R. Taliyan, A. Chauhan, D. K Kharbanda , P. K Khanna, "AlGaIn/GaN HEMT Based pH Sensor ", *The Physics of Semiconductor Devices Series, Springer Proceedings in Physics, Springer Nature Switzerland AG* ,Published on 18 October 2018.
5. Tapas Kumar Patra and Pratik N Sheth, "Biomass thermo-chemical treatment methods and techno-economic assessment". In *Recent Advancements in Biofuels and Bioenergy Utilization* Editors: Sarangi, Prakash Kumar, Nanda, Sonil, Mohanty, Pravakar (Eds.) Springer Singapore (2018).
6. "Surface Plasmon Resonance Based Sensors", RK Gupta, Devanarayanan VP, V. Manjuladevi , in the book titled "Microscopy Applied to Material Science & Life Science,Publisher: Apple Academic Press, USA,Editors: A. V. Rane, S. Thomas, K. Nandakumar, K. Kanny; ISBN: 9781771886727.
7. Shukla, T., Yadav, A. & Chauhan, G.S. (2018). *Human Values and Professional Ethics*, Cengage Learning International. [ISBN: 9789386858764 B]
8. Sharma S., Shekhawat S., Yadav, A. (eds.) (2018). *Media, Culture and Ethics*, Macmillan Publishers India (P.) Ltd.[ISBN: 978-93-87687-19-6]
9. Gajendra Singh Chauhan and Smita Kashiramka (Co-authored) "Technical Communication" 2018. Cengage Learning India, New Delhi.
10. Krafft, A.M., & Choubisa, R. (2018). Hope in the Indian Psychology Context: Philosophical Foundations and Empirical Findings. In Krafft, A., Walker, A., and Perrig-Chiello, P. (Eds.). *Hope for a Good Life: Results from a Hope-Barometer International Research Program* (pp-131-163). *Social Indicators Research Series 72*. Springer Nature Publishing [ISSN: 978-3-319-78469-4; ISSN: 1387-6570]. DOI: 10.1007/978-3-319-78470-0\_7
11. Flores-Lucas, V., Martinez-Sinovas, R., & Choubisa, R. (2018). Beyond Hope in an Educational Context: The Role of Psychological Capital. In Krafft, A., Walker, A., and Perrig-Chiello, P. (Eds.). *Hope for a Good Life: Results from a Hope-Barometer International Research Program* (pp-199-215). *Social Indicators Research Series 72*. Springer Nature Publishing. [ISBN: 978-3-319-78469-4; eISSN: 2215-0099]. DOI: 10.1007/978-3-319-78470-0\_9.
12. Choubisa, Rajneesh reviewed articles for *Computers in Human Behavior* Published by Elsevier Science Direct [ISSN: 0747-5632]; *Journal of Happiness Studies* Published by Springer [ISSN: 1573-7780]; *Cogent-Psychology* (Taylor & Francis) [ISSN: 2331-1908]; Peer Reviewer and Scientific Committee Member (5<sup>th</sup> World Congress of Positive Psychology, Montreal, Canada).; Reviewer for 78<sup>th</sup> Annual Meeting of the Academy of Management (OB/HR Track) - (10-14th August 2018; Chicago, Illinois).; Reviewer (Research & Practice Track) for 6<sup>th</sup> World Congress of Positive Psychology scheduled on 19-25 July 2019 at Melbourne (Australia); Consulting Editor for *Pakistan Journal of Psychological Research*, National Institute of Psychology, Islamabad, Pakistan.
13. Sailaja Nandigama provided services as a reviewer for the SCOPUS indexed journal titled, *Women's Studies International Forum* (Elsevier).
14. Sailaja Nandigama is invited as an Editorial member of the *Open Journal of Women's Studies* which is an international open access journal dedicated to gender studies in developing societies.
15. Sailaja Nandigama is providing her services as the Editorial member of the *Journal of International Women's Studies* which is an international journal dedicated to gender studies.
16. Sangeeta Sharma, et al. *Media, Culture and Ethics*. Macmillan Education. New Delhi.2018.
17. Meenakshi Raman and Sangeeta Sharma. *Technical Communication 3e (Combo for KIIT)*. OUP. New Delhi.2018.

18. Sangeeta Sharma Reviewed paper entitled Factors influencing Young Job Seekers Perception towards Job Portals for AIJM, USA December 2018
19. Sangeeta Sharma Reviewed paper The Predictive Power of Scientific Creativity Levels of Preservice Teachers' Academic Motivation Universal Journal of Educational Research USA. 9<sup>th</sup> July 2018
20. Sangeeta Sharma Reviewed paper entitled " Women Empowerment Through Cooperative: Theoretical Review for Journal of International Women's Studies, Bridgewater State University, Bridgewater, USA, 2018
21. Sanjay Kumar and **Pushp Lata, Technical Communication Skills , Based on AICTE, Syllabus, VT University** New Delhi: Oxford University Press (OUP), 2018
22. Kumar Sanjay and Pushp Lata. (2018) English Language and Communication Skills for Engineers. As per AICTE Syllabus. New Delhi: Oxford University Press. ISBN 0-19-949136-4
23. Kumar Sanjay and Pushp Lata. (2018) Communication Skills: A Workbook. New Delhi: Oxford University Press. ISBN: 0- 19-948880-0
24. Shashank Gupta and B. B. Gupta, "Security in Wireless Lan and WiMax Systems", Computer and Cyber Security: Principles, Algorithm, Applications, and Perspectives, CRC Press, Taylor and Francis, 2018.
25. J. Jennifer Ranjani, "Quantum Image Processing and its Applications", Handbook of Multimedia Information Security: Techniques and Applications, Multimedia Tools and Applications, Springer. (Accepted for Publication)
26. Kamlesh Tiwari and Phalguni Gupta. "Certain Challenges in Biometrics System Development", Accepted In: Models and Techniques for Intelligent Systems and Automation. Communications in Computer and Information Science series, Volume 844, pp 113–123, ISBN 978-981-13-0716-4, Springer, 2018
27. Geetika Arora, Kamlesh Tiwari and Phalguni Gupta. "Indexing for Healthcare Biometric Databases", Accepted In: Handbook of Research on Healthcare Biometrics, In-Press, IGI Global, 2018.
28. S. B. Singh, Himanshu Chawla, Sudhir Vummadisetti (2018), "Experimental and Analytical Studies of Failure Characteristics of FRP Connections," Recent Advances in Structural Engineering, Springer, Vol. 2, Book Chapter #324-2076- 1-SP ( Editors: Dr. A. Rama Mohan Rao and Dr. K. Ramanjaneyulu).
29. Pankaj Munjal and S. B. Singh (2018)," Mechanical Properties of Pva and Polyester Fibers Based Engineered Cementitious Composites," Recent Advances in Structural Engineering, Springer, Vol. 1, Book Chapter # 248-2099- 1-SP ( Editors: Dr. A. Rama Mohan Rao and Dr. K. Ramanjaneyulu).
30. Mounika Kondreddy, Madappa Vr Sivasubramanian and S. B. Singh (2018), "Finite Element Model Updation using Ambient Vibration Test and Operational Model Analysis of Steel Structures," Advances in Concrete, Structural & Geotechnical Engineering," Bloomsbury India, New Delhi, ISBN:978-93-87471-69-6, pp.412-415.
31. Sudhir, Vummadisetti, Himanshu Chawla, and S. B. Singh (2018), "On the effects of Imperfection and Cutout on Dynamic Response of Composite Plates,"Advances in Concrete, Structural & Geotechnical Engineering," Bloomsbury India, New Delhi, ISBN:978-93-87471-69-6, pp.761-767.
32. Vinay Shimpy, Madappa Vr Sivasubramanian and S. B. Singh (2018), " Review of Nonlinear Seismic Assessment of Historical Masonry Structures," Advances in Concrete, Structural & Geotechnical Engineering," Bloomsbury India, New Delhi, ISBN:978-93-87471-69-6, pp.412-415.
33. Spatial Facility Management: A Step to Design Smart City by Rajiv Gupta in Geospatial Infrastructure, Applications and Technologies: India Case Studies, by Editors: N. L. Sarda, P. S. Acharya, and S. Sen, Springer Dec. 2018, Singapore.
34. Srinivas R., Singh A. P. (2018) Application of Fuzzy Multi-criteria Approach to Assess the Water Quality of River Ganges. In: Pant M., Ray K., Sharma T., Rawat S., Bandyopadhyay A. (Eds.) Soft Computing: Theories and Applications. Advances in Intelligent Systems and Computing, Vol 583. pp. 513-522. Springer, Singapore. [https://doi.org/10.1007/978-981-10-5687-1\\_46](https://doi.org/10.1007/978-981-10-5687-1_46)
35. Swathi, V., Raju, K.S., and Singh, A. P. (2018). 'Application of Storm Water Management Model to an Urban Catchment'. In: Singh V., Yadav S., Yadava R. (eds) Hydrologic Modeling, Water Science and Technology Library, Vol 81. pp 175-184. Springer, Singapore. [https://doi.org/10.1007/978-981-10-5801-1\\_13](https://doi.org/10.1007/978-981-10-5801-1_13)
36. Singh A. P., Shrivastava P., Vidyarthi A.K. (2018). 'Potential Impacts of Climate Change on Water Resources in Semi-Arid Region of Chittorgarh, India'. In: Singh V., Yadav S., Yadava R. (eds) Climate Change Impacts. Water Science and Technology Library, Vol 82. pp. 201-211. Springer, Singapore. [https://doi.org/10.1007/978-981-10-5714-4\\_17](https://doi.org/10.1007/978-981-10-5714-4_17)
37. Akshara G., Srinivasa Raju K., Singh A.P., Vasan A. (2018). 'Application of Multiple Linear Regression as Downscaling Methodology for Lower Godavari Basin'. In: Singh V., Yadav S., Yadava R. (eds) Climate Change Impacts. Water Science and Technology Library, Vol 82. pp. 25-34. Springer, Singapore. [https://doi.org/10.1007/978-981-10-5714-4\\_3](https://doi.org/10.1007/978-981-10-5714-4_3)

38. Mittal, R.K., Rawat, S. "Effect of Soil Heterogeneity on Soil–Structure Interaction." In: Adimoolam B., Banerjee S. (eds) Soil Dynamics and Earthquake Geotechnical Engineering. Lecture Notes in Civil Engineering, vol 15. Springer, Singapore, Published online on June 10, 2018.
39. Manoj Kumar, Nitin Gulhane, Tanmay Gupta (2018), 'Effect of Skewness on Shear Lag Effect in RC Box-Girder Bridges' Recent Advances in Structural Engineering, Volume 1, pp 233-245, 2018. Springer, Editors: A. Rama Mohan Rao and K. Ramanjaneyulu, ISBN 978-981-13-0361-6, [https://link.springer.com/chapter/10.1007/978-981-13-0362-3\\_19](https://link.springer.com/chapter/10.1007/978-981-13-0362-3_19)
40. Tanmay Gupta and Manoj Kumar, 'Reaction Response of Horizontally Curved and Skewed Concrete Box-Girder Bridges' Recent Advances in Structural Engineering, Volume 1, pp 49-60, Springer, Editors: A. Rama Mohan Rao and K. Ramanjaneyulu, ISBN 978-981-13-0361-6, [https://link.springer.com/chapter/10.1007/978-981-13-0362-3\\_4](https://link.springer.com/chapter/10.1007/978-981-13-0362-3_4)
41. Nishant Rathi, G. Muthukumar, Manoj Kumar, 'Influence of Shear Core Curtailment on the Structural Response of Core-Wall Structures', Recent Advances in Structural Engineering, Volume 1 pp 207-215, Springer, Editors: A. Rama Mohan Rao and K. Ramanjaneyul, ISBN 978-981-13-0361-6, [https://link.springer.com/chapter/10.1007/978-981-13-0362-3\\_17](https://link.springer.com/chapter/10.1007/978-981-13-0362-3_17).
42. Deepali Gupta, Radhakrishnan Mahesh, Antidepressant therapy for depression: An update, Understanding Depression: Volume 2. Clinical Manifestations, Diagnosis and Treatment, Springer Nature Singapore Pvt. Ltd.
43. Surve Dhanashree Hemant, Paul Atish Tulsiram, Jindal Anil B, Nanotechnology based delivery of nutraceuticals in Environmental Nanotechnology, Environmental Chemistry for a Sustainable World (Volume 2), Springer.
44. Vinayak S Mharugde, Sudeep Pukale, Saurabh Sharma Sharma, Anupama Mittal, Deepak Chitkara , Advancements in polymeric systems for nucleic acid delivery, Molecular Medicines for Cancer: Concepts and Applications of Nanotechnology, CRC Press, Taylor Francis, Florida, USA.
45. Gautam Singhvi, Saswata Banerjee, Archana Khosa, Lyotropic liquid crystal nanoparticles: A novel improved lipidic drug delivery system, Organic Materials as Smart Nanocarriers for Drug Delivery, Elsevier.
46. Gautam Singhvi, Rapalli Vamshi Krishna, Kowthavarapu V. Krishna, Sunil Kumar Dubey, Alginate: Drug Delivery and Application, Alginates: Versatile Polymers in Biomedical Applications and Therapeutics Apple Academic Press.

#### **K K Birla Goa Campus**

1. **Kumar, K.** and Saddhe, A.A. (2018). Targeting Aquaporins for Conferring Salinity Tolerance in Crops. In Vinay Kumar, S. H. Wani, P. Suprasanna, L. P. Tran edit: Salinity Responses and Tolerance in Plants, Volume 1: Targeting Sensory, Transport and Signaling Mechanisms. Springer. Chapter 3.
2. Reviewed papers for Journals such as Plant Physiology and Biochemistry, Comprehensive Reviews in Food Science and Food Safety, Journal of Wood Science, Scientific Reports, Plant Methods and International Journal of Phytoremediation.
3. Rajesh Mehrotra acted as a reviewer for Plant journal, Plant molecular biology, Plos One.
4. Pallavee Srivastava, Pallavee Srivastava, Title: Mechanisms of bacterial heavy metal resistance and homeostasis: an overview, In Heavy Metals in the Environment: Microorganisms and Bioremediation, Journal: Ed: Edgardo Donati, CRC Press, Taylor and Francis Group
5. Harichandra U. Chandekar, Vikas V. Chaudhari, Sachin D. Waigaonkar, Narendra N. Ghosh, "Thermal and Dynamic Mechanical Analysis of Jute Polypropylene Composites" in *Advanced Polymeric Materials for Sustainability and Innovations* (Editor: Sajith Thottathil, Sabu Thomas, Nandakumar Kalarikkal, Didier Rouxel) Publisher: **Apple Academic Press, USA** (ISBN-13: 978-1771886338 & ISBN-10: 1771886331) page: 367-376 (2018).
6. **M.H. Asif, A Razaq, S. Bhand, M. Willander, B. Danielsson (2018)** Nanotechnology and Biosensors. A volume in Advanced Nanomaterials. pp 29-49. Chapter 2 – Biosensors for Intracellular and Less Invasive Measurements Based on Nanostructured Metal Oxides. (Eds.) Dimitrios Nikolelis Georgia Paraskevi Nikoleli. ELSEVIER. DOI: <https://doi.org/10.1016/B978-0-12-813855-7.00002-7>.
7. **Bhand S., Bacher G. (2018)** Impedimetric Sensors in Environmental Analysis: An Overview. In: Bhattacharya S., Agarwal A., Chanda N., Pandey A., Sen A. (eds) Environmental, Chemical and Medical Sensors. Energy, Environment, and Sustainability. Springer, Singapore. (page no...) DOI [https://doi.org/10.1007/978-981-10-7751-7\\_4](https://doi.org/10.1007/978-981-10-7751-7_4)
8. K. Mishra, V Arunachalam & D Patnaik (eds.) (2018) "Current Issues in the Economy and Finance of India-ICEF 2018", Springer Proceedings in Business and Economics. Springer, Cham. ISBN 978-3-319-99554-0.

9. Bhand S, Bacher G (2018) Impedimetric Sensors in Environmental Analysis: An Overview. In: Bhattacharya S, Agarwal AK, Chanda N, Pandey A, Sen AK (eds) Environmental, Chemical and Medical Sensors. Springer Singapore, Singapore, pp 67-85. doi:10.1007/978-981-10-7751-7\_4.
10. Vikas Chaudhari, Harichandra Chandekar, JayeshSaboo and Adlete Mascarenhas, "Studies on thermos mechanical properties of chemically treated jute-polyester composite", IOP Conf. Series: Materials Science and Engineering 330 (2018) 012032
11. K D Mali and P M 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", IOP Conf. Series: Materials Science and Engineering: 330 (2018) 012102 doi:10.1088/1757 899X/330/1/012102.
12. Harichandra U. Chandekar, Vikas V.Chaudhari, Sachin D.Waigaonkar, and Narendra N. Ghosh, "Thermal and Dynamic Mechanical Analysis of Jute Polypropylene Composites", Edited BySajithThottathil, Sabu Thomas, NandakumarKalarikkal, Didier Rouxel, Advanced Polymeric Materials for Sustainability and Innovations, published by AppleAcademic Press, CRC press October 2018, page 349 to 358.
13. Sandeep Singh , B Babu, M Swathika, Tushar Sharma, Ranjit S Patil, Proceedings: First Symposium and Workshop for Analytical Your on Applied Mechanics - 2018

#### Hyderabad Campus

1. Nadkarni, M. V., Sivanna, N., & Suresh, Lavanya., (2018). *Decentralised Democracy: Gandhi's Vision and Indian Reality*. New York: Routledge.
2. Santosh Mahapatra. Using CEFR-based bilingual rubrics to improve the writing ability of ESL learners: A multiple-case study. In Explorations: Teaching and Learning English in India Issue 10: Using inclusive practices and multilingual approaches (2), edited by Brian Tomlinson and Andy Keedwell, published by British Council, 2018
3. Patnaik, Anhiti. "Review of Joseph Bristow and Rebecca N. Mitchell's Oscar Wilde's Chatterton: Literary History, Romanticism, and the Art of Forgery," Victorian Network Vol 12 Special Issue "Forgery and Imitation" (Winter 2018)

#### Dubai Campus

1. Book Chapter: Debkumar Chakraborty, P. Sankar Ganesh, P. C. Suryawanshi, B. G. Prakash Kumar, S. Ramachandran, Thermophilic Biomethanation of Food Waste for the Production of Biogas and Concomitant Use of Biogas as a Fuel Supplement for Cooking Chapter 17 In Bioprocess Engineering for a Green Environment (2018) ISBN: 9781138035973, May 08, 2018, Routledge, Taylor & Francis.
2. Innovative Design, Analysis and Development practices in Aerospace and Automotive Engineering
3. ISBN-978-981-13-27179, Jasjeev singh, MVN Sankaram and Sachin Salunkhe, Authors of chapter on ' Formula SAE Power increment', Springer, Feb. 2018
4. Ramesh C Ray, S Ramachandran; Bioethanol Production from Food Crops; Elsevier, 1st edition



## List of Papers presented in various conference/ seminar by faculty members during 2018

### Pilani Campus

1. Kannan M, Marathe S, Shukla P and Sharma PK (2018). Avoiding Technology Overuse in Science Education for Holistic Well-being of School and College Students. International Conference on Spirituality, Science and Civilization, IIT Roorkee, Feb 26-27.
2. Tiwari S, Marathe S (2018). Historical value system, culture and media for bird conservation. International Conference on Media, Culture and Ethics (MCE 2018) February 9-10, BITS-Pilani, Pilani campus.
3. Misra T, Tare M, Jha PN (2018). Characterization of biofilm formation of *Enterobacter Cloacae* SBP-8 under various physiological conditions. International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), Nov 1-3. BITS Pilani, Pilani Campus
4. Tiwari, S. and Marathe, S (2018) Prioritizing Indian states and union territories for conservation based on index values derived using edge rank. International Biodiversity Congress (IBC 2018), 4th- 6th October Forest Research Institute, Dehradun, India
5. Rai A, Sircar I, NArwal S, Tare M (2018). Testing neuroprotective potentials of an Ayurvedic compound for repair of mitochondrial dysfunction in *Drosophila melanogaster* model of Parkinson's Disease. International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), Nov 1-3. BITS Pilani, Pilani Campus.
6. Bansal G, Gupta M, Marathe S A (2018). Tolerance of extra-pair copulation/offspring by *Cyanistes caeruleus* (blue tits) explained using Hamilton's kin selection theory. International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), Nov 1-3. BITS Pilani, Pilani Campus.
7. Khan S, Marathe S A, Jha P N (2018) In vitro and In vivo model systems for evaluating the pathogenic potential of PGPR strain *Enterobacter cloacae* SBP-8. International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), Nov 1-3. BITS Pilani, Pilani Campus
8. Sharma N, Lakshmi P R, Marathe S A (2018). Regulation of biofilm in *Salmonella enterica* subsp. *enterica* serovar Typhimurium by CRISPR-Cas system. International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), Nov 1-3. BITS Pilani, Pilani Campus
9. Parva Sharma and Shibasish Chowdhury (2018). Evolutionary process of Glutamate Synthase Protein Family within the cyanobacteria: An In-silico Analysis. International conference on Bioinformatics and Systems Biology, 26-28 October. IIIT, Allahabad.
10. Pareek, V., Gupta, R., Khan, M.A., Bhargava, A., Vishalakshi, Panwar, J. 2018. Evaluation of mechanism behind the antibacterial action of silver ions. In: International Conference on Microbial, Plant and Animal Genome, March 29-31, 2018, Modi University of Science and Technology, Lakshamgarh, p. 35.
11. Pareek., V., Gupta, R., Bhargava, A., Bhanot, V. and Panwar, J. 2018. Gene expression profiling of *Escherichia coli* K12 to unveil the silver resistance machinery. In: 6th Central European Symposium on Antimicrobials and Antimicrobial Resistance (CESAR-2018), Croatian Microbiology Society, September 19-22, 2018, University of Zegreb, Zagreb, Croatia. (Best Poster Presentation Award).
12. Sharma H, Dash S, Niveditha D, Mukherjee S, and Chowdhury S (2018) Global transcriptomic alterations decoding core network of genes associated with epithelial to mesenchymal transition & autophagy in cytokine treated liver cancer cells. International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), Nov 1-3. BITS Pilani, Pilani Campus
13. Nidhi K. Bub, Aishwarya Singh, Anubhuti Mishra, Vishal Saxena, Shilpi Garg. "Molecular Characterization of [Fe-S] Cluster Pathways from Plasmodium" Presented at "International Conference on Life Science Research & its Interface with Engineering and Allied Sciences"(LSRIEAS-2018), at BITS-Pilani, Pilani Campus, Rajasthan, India ( 3rd Best Poster Award).
14. Shilpi Garg, Vishal Saxena. " Apicoplast: A promising Drug Target" A talk at "International Conference on Life Science Research & its Interface with Engineering and Allied Sciences"(LSRIEAS-2018), at BITS-Pilani, Pilani Campus, Rajasthan, India
15. Bhargava, A., Panwar, J. and Karmakar, S. 2018. A systematic approach towards identification of a single protein responsible for synthesis and stabilization of silver nanoparticles. In: XIV International Conference on Nanostructured Materials (Nano-2018), June 24-29, 2018, City University of Hong Kong, Hong Kong.
16. Optimization of Reinforced concrete isolated footing: A Review, Rawat, S., Mittal, R. K. and Jha, S. K., 2nd International Conference on Advances in Concrete, Structural & Geotechnical Engineering (ACSGE 2018), BITS Pilani, Pilani, India; Feb. 26-28, 2018
17. Optimization of Reinforced concrete isolated footing: A Review, Rawat, S., Mittal, R. K. and Jha, S. K., 2nd International Conference on Advances in Concrete, Structural & Geotechnical Engineering (ACSGE 2018), BITS Pilani, Pilani, India; Feb. 26-28, 2018

18. A brief review of Structural aspects of IS 16700:2017, Gupta, V., Rawat, S., Mittal, R. K. and Muthukumar, G., International Conference on Trends and Recent Advances in Civil Engineering (TRACE 2018), Amity University, Noida, India; August 23-24, 2018
19. "Flexural Behavior of Pre-cracked Composite Beams Strengthened with Carbon Fiber Laminates.," Himanshu Chawla and S. B. Singh, 9<sup>th</sup> International Conference on Fiber Reinforced Polymer Composites in Civil Engineering, CICE 2018,, Paris, July 17-19.
20. Mechanical characterization of Basalt FRP at elevated temperature conditions, S.B.Singh, Sudhir Vummadiseti\*, Prachuryya kaushik, G Muthu kumar and Dipendu Bhunia, Structural Engineering Convention (SEC 2018),, Jadhavpur University, Kolkata, W.B., December 19-21, India.
21. Non-Linear Dynamic Buckling and Failure Study of Laminated Composite Plates Subjected to Axial Impulse Loads , Vasant Keshav, S. N. Patel and Rajesh Kumar, 63<sup>rd</sup> Congress Of The Indian Society Of Theoretical And Applied Mechanics (An International Conference),, December 20-23, 2018 Dayananda Sagar University, Bangalore in association with IIT Kharagpur, Kharagpur.
22. Dynamic Buckling and Failure Study of Laminated Composite Curved Panels Subjected to In-Plane Impulsive Loads , Vasant Keshav, S. N. Patel and Rajesh Kumar, Structural Engineering Convention (SEC-2018),, 19-21, December, 2018, Department of Civil Engineering Jadavpur University, Kolkata.
23. Postbuckling analysis of MWCNT-reinforced composite plates under different types of in-plane mechanical loads , Vishal Singh, Rajesh Kumar, S. N. Patel., Structural Engineering Convention (SEC-2018),, 19-21, December, 2018, Department of Civil Engineering Jadavpur University, Kolkata
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33. Sustainable Development: Evaluating Optimal Technique for Spatial Data Forecast, Gaurav Kumar, Rajiv Gupta, Economy, Sustainable Development and Energy International Conference, 25<sup>th</sup> – 27<sup>th</sup> June 2018, Edinburgh, Scotland, UK
34. Power and Area Efficient Intelligent Hardware Design for Water Quality Applications, Anu Gupta, Rajiv Gupta, 1<sup>st</sup> International Conference on Microelectronic Devices and Technologies, (MicDAT '2018, 20-22 June 2018, Barcelona, Spain
35. Risk Evaluation of Renovating Building, Maithili S. Deshmukh, Rajiv Gupta, The Tenth International Conference on Engineering Computational Technology, 4-6 September 2018, Sitges, Barcelona, Spain
36. Tender Evaluation: MCDM techniques, Somya Agarwal, Keyur Kapadia Rajiv Gupta, The Fourth Australasia and South-East Asia Structural Engineering and Construction Conference, December 3-5, 2018 University of Southern Queensland, Australia

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51. Impact of Support Bearing Orientation upon Skewed Concrete Box-Girder Bridges, Tanmay Gupta and Manoj Kumar, 11th Structural Engineering Convention, Jadhavpur University Kolkata, Dec. 19<sup>th</sup> - 21<sup>st</sup>, 2018
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57. Preparation of bricks using bajra straw and its impact on seismic response of structures, PRACHURYYYA kaushik, ANURAG agarwal, RAJESH beniwal RISHI badola, ARUN sharma, KUNAL bansal, DIPENDU

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58. Commuter travel cost estimation at different levels of crowding in suburban rail system: A case study of Mumbai, Sahu, P., Sharma, G., and Guharoy, A., 97th Annual Meeting, Transportation Research Board (TRB), Washington D.C., USA, 07th – 11th January, 2018
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  61. K. Karthik, A.K. Sharma, B.V. Reddy Kuncharam, "CFD modeling of fluid flow characteristics in Jet Loop Reactors." In 71st Annual Session of Indian Institute of Chemical Engineers CHEMCON 2018. (December 27-30, 2018).
  62. Prasad S. Ingle, Srinivas Appari, B.V. Reddy Kuncharam, "CFD Modeling of catalyst poisoning with detailed kinetics for biogas steam reforming." In 71st Annual Session of Indian Institute of Chemical Engineers CHEMCON 2018. (December 27-30, 2018).
  63. Akshya Khandelwal, Devendra Purbia and Arvind Kumar Sharma, Comparative Study of Graphene/Water Nano-Fluid in a Heat Exchanger System: Modelling and Simulation, Annual Meeting of AIChE – 2018, Oct 28-Nov 2, 2018, Pittsburg, PA, USA.
  64. K Karthik and Arvind Kumar Sharma, CFD Modeling of Hydrodynamics in Jet Loop Reactors, International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS-2018), November 1-3, 2018, Pilani, India.
  65. K Karthik and Arvind Kumar Sharma, Flow Pattern and Transport of Mass in Jet Loop Reactors : Perspectives & Challenges, International Symposium & 71<sup>st</sup> Annual Session of IChE in association with International Partners (CHEMCON – 2018) | International Conference on Seamless Chemical Engineering in Service of Humanity: Innovations, Opportunities and Challenges, Dec 27-30, 2018, Jalandhar, India.
  66. Dr Pratik N Sheth attended and chaired the technical session during 71<sup>th</sup> Annual Session of Indian Institute of Chemical Engineers, CHEMCON–2018 from December 27 – 30, 2018 at Dept. of Chemical Engineering, Dr. B. R. Ambedkar National Institute of Technology Jalandhar.
  67. Dr Ajaya Kumar Pani presented a paper and chaired a technical session in 2nd International Conference on Soft Computing and Network Systems (IEEE-ICSNS 2018) held at SNS College of Technology, Coimbatore during 14-16 February 2018.
  68. Dr. Pradipta Chattopadhyay attended lecture sessions from 5th International Symposium on Surface Imaging/Spectroscopy at the Solid/Liquid Interface (ISSIS 2018) held in Jerzy Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, Krakow, Poland, Europe during 6th June 2018- 8th June 2018.
  69. Dr Amit Jain attended and presented on "Studies on Closed-loop Interaction in a Multi-loop Single Tank Control System" at International Conference on Chemical and Process Plant Engineering (ICCPPE-2018), Petaling Jaya, Malaysia, July 26, 2018.
  70. Dr Smita Raghuvanshi attended and presented paper entitled "Gaseous phase CO<sub>2</sub> bio-mitigation using mixed microbial population in an indigenously developed packed bed bioreactor" at 23rd International Congress of Chemical and Process Engineering - CHISA-2018 held at Prague from 25-29th August, 2018.
  71. Devesh S. Agarwal, Vagolu Siva Krishna, Samrat Mazumdar, Hasitha Shilpa Anantaraju, Rajnish Prakash Singh, K. Lohitesh, Dharmarajan Sriram, Perumal Yogeewari, Prabhat N. Jha, Rajdeep Chowdhury, Deepak Chitkara, and Rajeev Sakhuja " Design, Synthesis, Characterization and Biological Evaluation of Amide Conjugates of Cholic Acid and Deoxycholic Acid" at Frontiers in Chemical Sciences organized by IIT Guwahati during December 6-8, 2018,
  72. Devesh S. Agarwal, Samrat Mazumdar, Saurabh Sharma, Deepak Chitkara and Rajeev Sakhuja, "Design, Synthesis, Characterization and Anticancer Evaluation of Bile acid linked aryl ketones via triazoles" at International Conference on Frontiers at the Chemistry-Allied Sciences Interface (FCASI 2018) organized by University of Rajasthan during December 21-22, 2018.
  73. Aabid Hamid and Ram Kinkar Roy, "Solvent effect on stabilization energy: an approach based on density functional reactivity theory (DFRT)" at International Conference on Frontiers at the Chemistry-Allied Sciences Interface (FCASI 2018) organized by University of Rajasthan during December 21-22, 2018.
  74. Ajay K. Sah, Metal complexes of 4,6-O-ethylidene- $\beta$ -D-glucopyranose derivatives and their selected applications, SGBT 2018, held at IISER Kolkata during 19<sup>th</sup> – 21<sup>st</sup> December 2018
  75. Indresh Kumar; Glutaraldehyde as a suitable substrate for aminocatalytic annulation reactions: Synthesis of medium-sized N-heterocyclic compounds" during 24<sup>th</sup> ISCB International Conference (ISCB-2018) from January 11-13, 2018, at Department of Chemistry, Manipal University, Jaipur.

76. Indresh Kumar attended Tohoku University Chemistry Summer School 2018 During 27-28 August 2018 at Sendai.
77. Jagat Sesh Challa, Poonam Goyal, Vijay M Giri, Dhananjay Mantri and Navneet Goyal, "AnySC: Anytime Set-wise Classification of Variable Speed Data Streams", In 2018 IEEE International Conference on Big Data (IEEE Big Data 2018), Seattle, USA
78. Saiyedul Islam, Sundar Balasubramaniam, Shruti Gupta, Shikhar Brajesh, Rohan Badlani, Nitin Labhishetty, Abhinav Baid, Poonam Goyal and Navneet Goyal, "Pattern based Automatic Parallelization of Representative-based Clustering Algorithms", 5th IEEE International Conference on Data Science & Advanced Analytics (DSAA 2018), Turin, Italy, pp. 99-108.
79. Chandramani Chaudhary, Poonam Goyal, Joel R A Moniz, Navneet Goyal and Yi-Ping Phoebe Chen, "Linguistic pattern and cross modality based image retrieval for complex queries", ACM International Conference on Multimedia Retrieval (ICMR 2018), Japan, pp. 257-265.
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81. Saiyedul Islam, Sundar Balasubramaniam, Shruti Gupta, Shikhar Brajesh, Rohan Badlani, Nitin Labhishetty, Abhinav Baid, Poonam Goyal, and Navneet Goyal, "Pattern based Automatic Parallelization of Representative-based Clustering Algorithms", IEEE International Conference on Data Science and Advanced Analytics (DSAA 2018), October 1-4, Turin, Italy.
82. Chandramani Chaudhary, Poonam Goyal, Joel R A Moniz, Navneet Goyal and Yi-Ping Phoebe Chen, "Linguistic pattern and cross modality based image retrieval for complex queries", In 2018 ACM International Conference on Multimedia Retrieval (ICMR 2018), Yokohama, Japan
83. Avadesh Meduri and Navneet Goyal, "Optical Character Recognition for Sanskrit using Convolution Neural Networks", Accepted at Documents and Systems Conference 2018, DAS 2018. April 24-27, Vienna, Austria.
84. Rohil, M.K., Rohil, D., Rohil, R.K., and Runthala, A., 2018. "Natural Language Interfaces to Domain Specific Knowledge Bases: An Illustration for querying Elements of the Periodic Table". The 17th IEEE International Conference on Cognitive Informatics and Cognitive Computing, July 15-18, 2018. University of California, Berkeley, CA, USA.
85. Amit Dua, Rajat Chaudhary, Gagangeet Singh Aujla, Anish Jindal, Neeraj Kumar, and Joel J.P.C. Rodrigues, "LEASE: Lattice and ECC-based Authentication and Integrity Verification Scheme in E-Healthcare," in IEEE Global Communications Conference 9-13 December 2018, Abu Dhabi, UAE.
86. Santosh Kumar Desai, Amit Dua, Neeraj Kumar, Ashok Kumar Das, Joel J. P. C. Rodrigues, "Demand Response Management using Lattice-Based Cryptography in Smart Grids," in IEEE Global Communications Conference 9-13 December 2018, Abu Dhabi, UAE.
87. Amit Dua, Prateek Sharma, Shivesh Ganju, Anish Jindal, Gagangeet Singh Aujla, Neeraj Kumar, and Joel J.P.C. Rodrigues, "RoVAN: A Rough Set-based Scheme for Cluster Head Selection in Vehicular Ad-hoc Networks," in IEEE Global Communications Conference 9-13 December 2018, Abu Dhabi, UAE.
88. Shubhani Aggarwal, Rajat Chaudhary, Gagangeet Singh Aujla, Anish Jindal, Amit Dua, and Neeraj Kumar, "EnergyChain: Enabling Energy Trading for Smart Homes using Blockchains in Smart Grid Ecosystem," In SmartCitiesSecurity'18: 1st ACM MobiHocWorkshop on Networking and Cybersecurity for Smart Cities, June 25, 2018, Los Angeles, CA, USA.
89. Ameesha Mittal, Geetika Arora, Kamlesh Tiwari, Vandana Dixit Kaushik and Phalguni Gupta. "User Engagement Prediction Using Tweets", Accepted In: International Conference on Intelligent Computing (ICIC-2018), Lecture Notes in Computer Science, vol 10955. Pages 802–808, Springer, Cham 2018
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91. Ashutosh Bhatia, K. Haribabu, Kartikeya Gupta, and Aakash Sahu, Realization of flexible and scalable VANETs through SDN and virtualization, in Proceedings of 2018 International Conference on Information Networking (ICOIN), Chiang Mai, Thailand, 10-12 Jan, 2018 pp. 280-282 IEEE.
92. Sandhya Rathee, Mallikarjun Swamy, K. Haribabu, and Ashutosh Bhatia. 2018. Achieving waypoint enforcement in multi-VLAN hybrid SDN. In Communication Systems & Networks (COMSNETS), 2018 10th International Conference on, 519–521.
93. Rohil, M.K., and Khandelwal, D., 2018. "Visualization of Solution to Stacking Problem using Graphics and Animation Media". The 3rd IEEE International Conference for Convergence in Technology, April 07-08, 2018. The Gateway Hotel, XION Complex, Wakad Road, Pune, India.
94. Gupta, N., and Rohil, M.K., 2018. "Effect of Illumination and Blur Change on Markerless Image Registration Methods". The 3rd IEEE International Conference for Convergence in Technology, April 07-08, 2018. The Gateway Hotel, XION Complex, Wakad Road, Pune, India.

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99. Anubhav Gupta, Kamlesh Tiwari and KK Gupta. "Scanned to Digital Face Images Matching With Siamese Network", Accepted In: International Conference and Workshops on Recent Advances and Innovations in Engineering (ICRAIE), (InPress) IEEE 2018
100. Rohit Kumar Kaliyar, Pratik Narang and Anurag Goswami. SMS Spam Filtering on Multiple Background Datasets Using Machine Learning Techniques: A Novel Approach. In IEEE 8th International Advance Computing Conference (IACC), December 2018.
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104. Abhineet Saxena, Vinit Kumar Siriah, Vandana Agarwal, 'A Vector-based EEG Signal Feature Extraction Technique for BCI Applications', Conference on Information and Communication Technology (CICT-2018), held at Indian Institute of Information Technology, Design and Manufacturing Jabalpur, India during October 26-28, 2018
105. Prof. Arya Kumar presented a paper o Global Energy, Environment and Transportation Sector – Issues, Challenges and Future Prospects, presented in the 2018 International Conference on Business and Economics (Prof. Arya Kumar), 14th KODISA International Conference, Seoul National University, Seoul, KOREA, June 25-27, 2018.
106. Dr. Monika Gupta attended a workshop on Energy and Environmental CGE Modeling with GAMS, Dept of Statistics and Applied Probability, National University of Singapore (NUS), January 2018
107. Dr. Monika Gupta has presented a paper on Measuring Effectiveness of Carbon Tax on Indian Road Passenger Transport: A System Dynamics Approach, 41st IAEE (International Association for Energy Economics) International Conference in Groningen, Netherlands, June 2018
108. Dr. A. K. Vaish presented a paper on Financial Inclusion- An Empirical analysis of Business Correspondent Model , 12<sup>th</sup> Annual Conference "Data Driven Decision Making in the Digital Age, SPJIMR Mumbai organized by ISDSI., December 27-30, 2018
109. Dr. A K Vaish Presented a paper on "Financial Inclusion and Beyond: A Paradigm Shift in Indian Banking Sector, International Conference on Economics and Business Management(ICEBM) at Pattaya, Thailand, 22nd - 23rd June, 2018
110. Reinvent The Way You Work : Business Transformation (Prof. N V M Rao), Organised by HP enterprises and Inell at Oberai, New Delhi, 27 April 2018
111. Business Transformation- Innovate to a Future State. Transform It (Prof. N V M Rao, Organised by Intell and Dell at the Leela Palace, Bangalore , 19-20 April, 2018
112. Assessors Orientation Programme – AOP of NAAC (Prof. N V M Rao), Organised by NAAC, at NAAC Bangalore , 25-26 Oct 2018
113. Ankush C. Jahagirdar, and K. K. Gupta, "Particle Swarm Optimization based Kurtosis Maximization in Fractional Hilbert Transform for Bearing Fault Diagnosis," First International and 4th National Conference on Reliability and Safety Engineering, (INCRS 2018), IIITDM, Jabalpur, Feb 26-28, 2018.
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116. Ankush C. Jahagirdar, S Mohanty and K. K. Gupta, "Study of Noise Effect on Bearing Vibration Signal based on Statistical Parameters," 35th International Conference on Vibroengineering, Bennett University, Noida, Dec 13-15, 2018.

117. Abheek Gupta, Anu Gupta, and Rajiv Gupta, "Power and Area Efficient Intelligent Hardware Design for Water Quality Applications", 1st International Conference on on Microelectronic Devices and Technologies (MicDAT '2018) 20-22 June 2018, Barcelona, Spain
118. Kalpraj Vaidya , Anu Gupta, and Rajiv Gupta, "High Gain, High Bandwidth Fully Differential low voltage OpAmp Design Using Self-Cascode MOSFET with Adaptive Bias and Common mode Feedback", 1st International Conference on on Microelectronic Devices and Technologies (MicDAT '2018) 20-22 June 2018, Barcelona, Spain
119. Pramila Mahala, Sumitra Singh and Navneet Gupta, "Multilayer graphene oxide as an active layer in silicon heterojunction solar cell, IEEE Electron Device Kolkata Conference (IEEE-EDKCON), Kolkata, Nov. 24-25, 2018.
120. Ankita Dixit and Navneet Gupta, "Analysis of Different Gate Dielectric Materials in Carbon Nanotube Field Effect Transistor (CNFET) using Optimization Technique ", IEEE Electron Device Kolkata Conference (2018 IEEE EDKCON), Kolkata, Nov. 24-25, 2018.
121. Dev Gupta and Navneet Gupta, "Investigations on Infrared (IR) sensitive material for microbolometer using material selection approaches", IEEE Electron Device Kolkata Conference (2018 IEEE EDKCON), Kolkata, Nov. 24-25, 2018.
122. Pramila Mahala and Navneet Gupta, "Graphene, PEDOT:PSS and their composites as transparent electrode in heterojunction photovoltaic cells, Indo-Israel Workshop on Nanoelectronic Materials and Devices (I2NMD-2018), BITS Pilani, November 2, 2018. [Best Paper Award]
123. Srujan Penta and Navneet Gupta, "3D NEGF Quantum transport simulation for modeling ballistic transport in nano FinFETs" Indo-Israel Workshop on Nanoelectronic Materials and Devices (I2NMD-2018), BITS Pilani, November 2, 2018. [Best Paper Award].
124. Amrithaa Seshadri and Navneet Gupta, "Modeling and Analysis of Metamaterial Based Antenna for Wi-Fi and Wlan Applications" Int. conf. on Communication, Devices and Networking (ICCDN-2018), June 3-4, 2018, Sikkim Manipal Institute of Technology, Sikkim.
125. Pramila Mahala, Ankita Dixit and Navneet Gupta, "Analysis of Graphene/SiO<sub>2</sub>/p-Si Schottky Diode by Current-Voltage and Impedance Measurements" Int. Conf. on Signal Processing and Communication (ICSC), JIIT Noida, March 21-23, 2018.
126. Ashish Patel, Hitesh Datt Mathur, and Surekha Bhanot, "Improving Performance of UPQC-DG for Compensation of Unbalanced Loads", 2018 8th IEEE India International Conference on Power Electronics, Jaipur, December 13-15 2018
127. Shraddha Maslekar, Rohit Venkatesh, Dhananjay Kumar, Hitesh Dutt Mathur, "Development of a Novel Strategy with Electrical Vehicles to Mitigate Frequency Aberration in Microgrid", In the proceedings of 2nd IEEE International Conference on Energy, Power and Environment (ICEPE 2018), June 1-2, 2018, Shillong, India.
128. A.V. Praveen Kumar and Anuj Kumar Ojha, "*Cross-Polarization Reduction of a Cylindrical Dielectric Resonator Antenna with Parasitic Strip Loading*", International Conference on Signal Processing and Communication (SPCOM2018), IISc Bangalore, 16-19 July 2018
129. A. Hazra, Device modeling of TiO<sub>2</sub> nanotube array for resistive and capacitive mode vapor sensing, International Functional Nanomaterials and Nanodevice Conference, Vienna, Austria, Sept. 2-5, 2018
130. A. Hazra, Device Modeling of Double Layered TiO<sub>2</sub> Nanotube Array based Resistive Vapor Sensor, IEEE EDCKON 2018, Kolkata, 24-25, November, 2018
131. P. Bindra, A. Hazra, Highly sensitive capacitive type ethanol sensors based on double layer TiO<sub>2</sub> nanotubes array, International Workshop on Nano-Micro 2D-3D Fabrication, Manufacturing of Electronic-Biomedical Devices and Applications, IIT Mandi, 31 Sep–2 Oct 2018
132. T. Gakhar, A. Hazra, Improvement of Methanol Sensing by GO loaded TiO<sub>2</sub> nanotubes array at room temperature, National Conference on Advanced Nanomaterials and their Applications (ANA 2018), Dec. 21-23, 2018, MNNIT, Allahabad, India
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134. T. Gakhar, S. Gangopadhyay, A. Hazra Synthesis of TiO<sub>2</sub> nanotube array with variable oxygen vacancy by chemical reduction method, Second International Conference on Nano Science and Engineering Applications, Oct. 4-6, 2018, JNTU, Hyderabad, India
135. P. Bindra, A. Hazra, Double layer TiO<sub>2</sub> nanotubes based sensor for methanol detection at room temperature, International Functional Nanomaterials and Nanodevice Conference, Sept. 2-5, 2018, Vienna, Austria
136. S. Choudhary, A. Agarwal, V. Saini, A. Hazra, S. Gangopadhyay, Growth and characterization of ZnO nanostructures: materials for CO and ethanol sensing, **International Conference on Computational Mathematics in Nanoelectronics and Astrophysics, Nov. 1-3, 2018, IIT Indore, India**
137. S. Choudhary, A. Agarwala, V. Saini, A. Hazra, S. Gangopadhyay, CO gas-sensing at low temperature using CuO thin films, IEEE Sensors, October 28-31, 2018 New Delhi, India

138. T. Gakhar, P. Bindra, A. Hazra, TiO<sub>2</sub> Nanoflowers based Methanol Sensor, Indo-Israel Workshop on Nanoelectronics Materials & Devices, BITS-Pilani, 2<sup>nd</sup> November, 2018
139. A. Hazra, Qualitative and quantitative understanding of TiO<sub>2</sub> nanotubes based sensor for efficient detection of organic vapors, Indo-Israel Workshop on Nanoelectronics Materials & Devices, BITS-Pilani, 2<sup>nd</sup> November, 2018
140. R Kumar and HO Bansal, "Design and Control of Wind integrated Shunt Active Power Filter to Improve Power Quality", 8<sup>th</sup> IEEE Power India International Conference (PIICON-2018), December 10-12, 2018 NIT Kurukshetra, India.
141. Dave Heema Bharatkumar, Dheerendra Singh, Hari Om Bansal, "High Voltage Gain q-ZSI with Low Inrush Current, 8<sup>th</sup> IEEE International Conference on Power Electronics Drives and Energy Systems, December 18-21, IIT Madras India, 2018.
142. KV Singh, R Kumar, HO Bansal, D Singh, "Hardware Realization of a Single-Phase Modified p-q Theory Based Shunt Active Power Filter for Harmonic Compensation", 3rd International Conference on Intelligent Communication, Control and Devices (ICICCD), Springer December 21-22, 2018, UPES Dehradun, India.
143. Animesh Jain, Satyam Bhaskar, Kunal Nandanwar and Hari Om Bansal, "Self-balancing of a bike using gyroscopic force & PID Controller", 3rd International Conference on Intelligent Communication, Control and Devices (ICICCD)", Springer December 21-22, 2018, UPES Dehradun, India
144. Abhishek Joshi, Rahul Singhal, "Beam Convergence in Antenna Pattern using Conical and Hemispherical Dielectric Lens", in 2018 IEEE Indian Conference on Antennas and Propagation (InCAP), December 16-19, 2018 at HICC, Hyderabad.
145. "A Comparative Study of Noise Cancellation Using Least Mean Squares Adaptive Filter and Recurrent Neural Network Filter," Aakriti Agrawal, Rohitkumar Arasanipalai, Sainath Bitragunta, 2018 International Conference on Energy Power and Environment, NIT Meghalaya, India, Jun. 2018.
146. "Optimizing the Order of Modulation for Minimized Distortion in Green Communication Networks," Sarthak Jain, Sayan Rudra Pal, B. Sainath, 2018 International Conference on Electronics, Computing and Communication Technologies (IEEE CONECCT), Bangalore, India, Mar. 2018. (won best paper award in Networking Protocols and Communication track)
147. "Fading-Averaged Symbol Error Probability Analysis of Full Duplex Amplify-and-Forward Relaying over Rayleigh Fading Channels," Rahul Shrotey, B. Sainath, Gaurav Sharma, National Conference on Communications (NCC), IIT Hyderabad, India, Feb. 2018.
148. P. Arora, "Nano-Plasmonic devices as optical sensors," I2NMD Workshop at BITS Pilani, 2018.
149. Abhimanyu Kakkar, Amit Bhatt, Kavindra Kandpal, Karri Babu Ravi Teja, "Design of Third Order Wide Tuning Range Gm-C Filter for Direct Conversion Receivers" 15<sup>th</sup> IEEE India Council International Conference (INDICON )2018, December 16 – 18, 2018.
150. Subham Mishra, Sourabh Verma, Somendra Prasad, Sushanta S. Bordoloi, Rupam Goswami, Kanjalochan Jena, Vikas Kumar Jha, K. Parvathi, "A Low Cost Charcoal Film Based Moisture Sensor: fabrication and computing", Third International Conference on Soft Computing and Applications (SOCTA 2018), NIT Jalandhar, Dec. 21-23, 2018.
151. Samuel Smith, Ananthakrishna Chintanpalli, Michael Heinz, and Christian Sumner "A model of concurrent vowel identification without segregation predicts perceptual errors", 41th Meeting of Association for Research in Otolaryngology, San Diego, USA, Feb 10-14, 2018.
152. Samuel Smith, Ananthakrishna Chintanpalli, Michael Heinz, and Christian Sumner "Revisiting models of concurrent vowel identification: The critical case of no pitch differences", 18th International Symposium on Hearing, Snekkersten, Denmark, June 10-15, 2018.
153. Kanika, Nitin Chaturvedi, S Gurunarayanan, "Design and Analysis of a Hybrid Non-Volatile SRAM Cell for Energy Autonomous IoT", International Conference on Intelligent Computing Techniques for Smart Energy System (ICTSES'18), 22-23 December 2018. (Springer Lecture Notes in Electrical Engineering, Scopus).
154. R. Gautham Sundar Ram, Nitin Chaturvedi, Sumeet Saurav, Sanjay Singh, "An FPGA based Hardware Accelerator for Real Time Classification of Handwritten Digits" 18<sup>th</sup> International Conference on Intelligent Systems Design and Applications, 6-8 December, 2018.
155. S Pulipaka, P Kumar, R Kumar, R Kaushal, S Kumar, "Performance modeling of PV generation with inverter level data through Internet of Photovoltaic (IoPV) using artificial neural network", IEEE ICEPE 2018, Shillong, India, June 1-2, 2018, 1-5.
156. Anupam Yadav, "Ecology of Knowledges and Social Justice" at the 7th International Conference on Advancement of Development Administration (ICADA)- Social Sciences and Interdisciplinary Studies held at NIDA, Bangkok, Thailand from May 31 to June 2, 2018.
157. Anupam Yadav, "Non-representational Discourse of Knowledge and the Post-philosophical Culture" at the 24th World Congress of Philosophy organized by Peking University, held at Beijing, China during 13-20 August, 2018.
158. Gajendra Singh Chauhan, 2nd International Conference on Sociolinguistics (ICS-2) 6-8 September 2018 at Eötvös Loránd University, Budapest, Hungary. Presented a paper "Fake News in Media: Decoding the Communication of Chaos".



159. Johnson, L., Antoniuk, A., Misbah, K.B., Noureen, A., & Choubisa, R. (2018). "Mindful Contextualization": Exploring the Limits of Cross-Cultural Mindfulness Measurement. ARTS-2018 Symposium Presentation during 29<sup>th</sup> International Congress of Applied Psychology (ICAP) at Montreal, Canada during 26<sup>th</sup> to 30<sup>th</sup> June 2018.
160. Flores-Lucas, V., Martinez-Sinovas, R., & Choubisa, R. (2018). Sources of Hope Similarities and Differences across Different Cultures: A Cross Cultural Comparison between German, Spanish and Indian Adults. Symposium Presentation in 9<sup>th</sup> European Conference on Positive Psychology, at Budapest (Hungary) during 27<sup>th</sup> to 30<sup>th</sup> June 2018.
161. Cejková, E., Slezáčková, Choubisa, R., & Vijayalakshmi, V. (2018). Life Values and Subjective Well-being among University Students across Cultures: Comparison of Czech, North Indian and South Indian Samples. Poster Presentation in 9<sup>th</sup> European Conference on Positive Psychology, at Budapest (Hungary) during 27<sup>th</sup> to 30<sup>th</sup> June 2018.
162. Barad, K., & Choubisa, R. (2018). Understanding Variations in Job-Crafting Behaviors in Rural & Urban Banking Sector Employees: A Comparative Analysis. Paper presented in the 24<sup>th</sup> International Congress of Cross-Cultural Psychology (IACCP 2018) at University of Guelph, Canada during 1<sup>st</sup> to 5<sup>th</sup> July 2018.
163. Ruparel, N., & Choubisa, R. (2018). Need and Implications of a Mental Toughness Scale: Adaptation, Contextualization and Construct Validation. Paper presented in 29<sup>th</sup> International Congress of Applied Psychology (ICAP) at Montreal, Canada during 26<sup>th</sup> to 30<sup>th</sup> June 2018.
164. Ruparel, N., Choubisa, R., & Verma, M. (2018). Compendium of Organizational Behavior Research in India: A Systematic Review and Classification. Paper presented in 29<sup>th</sup> International Congress of Applied Psychology (ICAP) at Montreal, Canada during 26<sup>th</sup> to 30<sup>th</sup> June 2018.
165. Ruparel, N., & Choubisa, R. (2018). Kentucky Inventory of Mindfulness Skills (KIMS): Assessing Suitability and Utility for Indian Students. Poster presented in 24<sup>th</sup> International Congress of Cross-Cultural Psychology (IACCP 2018) at University of Guelph, Canada during 1<sup>st</sup> to 5<sup>th</sup> July 2018.
166. Choubisa, R., & Ruparel, N. (2018). Health (Electronic/Mobile) Interventions for Non-Clinical Population in South Asian Region: Lessons and Implications from a Critical Realist Perspective. Paper presented in 24<sup>th</sup> International Congress of Cross-Cultural Psychology (IACCP 2018) at University of Guelph, Canada during 1<sup>st</sup> to 5<sup>th</sup> July 2018.
167. Kumar Neeraj Sachdev, "An Ethical Analysis of Employer-Employee Relation, Loyalty and Whistle-Blowing," in the 24<sup>th</sup> World Congress of Philosophy (WCP 2018) on "Learning to be Human" held at China National Convention Center (CNCC), Beijing, China during August 13-20, 2018.
168. Sailaja Nandigama presented her ICSSR Major Research Project based paper at the 4th Annual International Meeting of the FLARE Network (Forests & Livelihoods: Assessment, Research, and Engagement) held at Copenhagen University, Denmark from October 16- 20, 2018. Title:"Framing the institutional complexity in the Forest Rights Act's (FRA) implementation in India: Making sense of how the FRA interacts with the other parallel forest management institutions."
169. Sangeeta Sharma. " Media credibility on election coverage" in the panel " Electoral integrity in a variety of regimes" at Development Research Conference in Gothenberg, Sweden, 22-13 August 2018.
170. Tanu Shukla Bracketing Educational Technology and Gender Perspective in University Context, 4<sup>th</sup> World Conference on Women's Studies (WCWS), Colombo, Sri Lanka, May 3<sup>rd</sup> - 5<sup>th</sup>, 2018.
171. Tanu Shukla Exploring the Gender Divide: Connecting ICT and Women Entrepreneurship, 4<sup>th</sup> World Conference on Women's Studies (WCWS), Colombo, Sri Lanka, May 3<sup>rd</sup> - 5<sup>th</sup>, 2018.
172. Tanu Shukla Digital Technology Acceptance among citizens in E-commerce Transactions, 33rd International Conference on Information and Education Innovations (ICIEI), London, UK, 30<sup>th</sup>June-2<sup>nd</sup> July 2018.
173. Tanu Shukla Dynamics of Teacher Professionalism in Secondary School Education, 33rd International Conference on Information and Education Innovations (ICIEI), London, UK, 30<sup>th</sup>June-2<sup>nd</sup> July 2018.
174. Tanu Shukla International Conference on E-Education, E- Business, E-Management and E- Learning. (IC4E), London, UK, 18 th -19 th December, 2018.
175. Sunita Raina. Paper titled "Politics of GM Foods: Exploring the Interface of GEAC and TAC in India" was presented at the annual meeting of the Society for the Social Studies of Science (4S) held in Sydney, Australia, from August 29- September 1, 2018.
176. V. S. Nirban, "Teacher Accountability and Technology Intervention" at the International Conference on E-Education, E-Learning organized by Institute of Research Engineers and Scientists, London, UK, during 18th - 19th December 2018.
177. V. S. Nirban, "Digital Technology Acceptance among citizens in E-commerce Transactions" at the 3rd International Conference on Information and Education Innovations held in London, UK during 30th June - 2nd July 2018.
178. V. S. Nirban, "Dynamics of Teacher Professionalism in Secondary School Education" at the 3rd International Conference on Information and Education Innovations held in London, UK during 30th June - 2nd July 2018.

179. V. S. Nirban, "Bracketing Educational Technology and Gender Perspective in University Context" at the 4th World Conference on Women's Studies, organized by The International Institute of Knowledge Management (TIKM), Sri Lanka and Bridgewater State University, United States, during 3rd to 5th May 2018.
180. V. S. Nirban, "Exploring the Gender Divide: Connecting ICT and Women Entrepreneurship" at the 4th World Conference on Women's Studies, organized by The International Institute of Knowledge Management (TIKM), Sri Lanka and Bridgewater State University, United States, during 3rd to 5th May 2018.
181. Hari G Nair, Presented the study titled 'Thoreau and Gandhi on the Gita' at the International Conference titled 'Thoreau and the transcendentalists: Their philosophy and related concerns', 15-17 March 2018 at Bharti College, University of Delhi and India International Centre, New Delhi.
182. Hari G Nair, Invited lecture titled 'Tolstoy, Gandhi and the Hind Swaraj' delivered on 26 February 2018 at Janaki Devi Memorial College, University of Delhi.
183. Ruparel, N & Choubisa, R. (2018). Cultural Intelligence in Organizational Psychology Research: Exploring Theoretical, Conceptual and Methodological Role. Paper presented at the First PAN IIT International Management Conference organized by DoMS, IIT Roorkee during November 30, 2018 to December 2, 2018.
184. Choubisa, R. (2018). Positive Psychology vis-a-vis Positive Neuroscience: Paradoxes and Complementarities. Oral Presentation as part of Symposium titled "Adaptive Brain ~ An Affective Cognitive Neuroscience based approach to Stimuli Processing in Healthy Individuals" at International Conference on Neuroscience & XXXVI Annual Meeting of Indian Academy of Neurosciences organized by Institute of Science, Banaras Hindu University, Varanasi during 29-31 October 2018.
185. Ruparel, N., & Choubisa, R. (2018). Ethics v/s Satisfaction: A Case Examination of Food Court's Work Environment. Paper presented at the International Conference on Media, Culture and Ethics organized by Department of Humanities and Social Sciences, BITS Pilani during 9-11 February, 2018.
186. Kumar Neeraj Sachdev, "An Analysis of Value-Oriented Linkages between Professions and Business," in IndianResearch.Org sponsored International Conference on Research in Business (ICRB 2018) on "Modern Age Interventions in Business and Economy: Catches and Keys" held at India International Centre, New Delhi, India on 20 May 2018 (Best Paper Award)
187. Sailaja Nandigama presented a paper titled, "In dialogue with Development: Forests and Tribes Livelihoods in Flux in an Indian state" in the 47th Annual meeting of the Indian Anthropological Association and the "National Seminar on Tribal Situation in India" conducted at the IGNTU, Amarkantak, MP, from 1-02-18 to 3-02-18.
188. Sailaja Nandigama and Dr. Tamali Bhattacharyya presented a research paper on "Dismantling the teaching research divide: Perspectives from experiential learning in Environmental education" in the National Workshop on Improving Synergy between Teaching and Research in Indian Academia organised by the TLC on March 26, 2018.
189. Poonam Vyas and Sangeeta Sharma. " Measuring the effectiveness of Traditional and Multimedia supported Techniques in imparting Communication Skills among the Learners" in International Conference on Media, Culture and Ethics at BITS Pilani, 9<sup>th</sup> Feb 2018
190. Sangeeta Sharma. " Creativity in Teaching Creative Thinking : A Course offered to Engineering Students" in National Workshop on Improving synergy between teaching and research in Indian Academia" at BITS Pilani 26<sup>th</sup> March 2018
191. Tanu Shukla, Sustaining the Integrity of Academic Profession: Revisiting the Ethical Code, International Conference on Media, Culture and Ethics (MCE), BITS Pilani, Rajasthan, India, February 9<sup>th</sup>-10<sup>th</sup>, 2018.
192. Neeraj Vyas and Sushila Shekhawat. Ethics and Hindi Biopics. Presented at the International Conference on Media, Culture and Ethics organised by the Department of Humanities and Social Sciences, BITS, Pilani, Pilani Campus during 9 to 10 February, 2018
193. Lata, Pushp participated and presented a paper on Flipping Classroom Teaching for Better Learning: An Experiential Pedagogy in the National Workshop on Synergy between Teaching and Research in Indian Academia organized by Teaching Learning Centre, BITS, Pilani, Pilani Campus during March 26-27, 2018
194. Lata, Pushp and Shivangi Priya attended and presented a paper entitled Culture, Language and Identity: A Sociolinguistic Study at the International Conference on Media, Culture and Ethics organized by the Department of Humanities and Social Sciences during 9<sup>th</sup> and 10<sup>th</sup> February 2018
195. Lata, Pushp, Kaushik Ramesh Iyengar and Smiti Yadav attended and presented a paper entitled Intercultural Competence among Indian Youth: Need for Training at the International Conference on Media, Culture and Ethics organized by the Department of Humanities and Social Sciences during 9<sup>th</sup> and 10<sup>th</sup> February 2018
196. Lata, Pushp attended and presented a paper entitled Fostering Critical Thinking among Engineering Graduates: A Task Based Approach, National Workshop on Improving Synergy Between Teaching And Research In Indian Academia (Istria 2018), BITS, Pilani on March 26-27, 2018

197. Shivangi Priya and Lata, Pushp presented a paper entitled Language Promotion and the Eighth Schedule of the Constitution of India at the 40<sup>th</sup> International Conference of the Linguistic Society of India held at the Central Institute of Indian Languages, Mysore from 05-07 December 2018.
198. Sanjiv Kumar Choudhary Attended a 2-day international conference on Media, Culture and Ethics held at BITS Pilani, Pilani Campus during 9-10 February 2018 and also chaired a plenary session during the conference.
199. Sanjiv Kumar Choudhary 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.
200. Sanjiv Kumar Choudhary 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.
201. Sanjiv Kumar Choudhary Attended a 2-day national level workshop on Experimental Methods in Cognitive Neuroscience held at BITS Pilani, KK Birla Goa Campus during 15-16 December 2017.
202. Sanjiv Kumar Choudhary Attended the 4<sup>th</sup> International Conference on English in Multicultural Classrooms: Perspectives, Prospects, Possibilities organized by ELTAI in association with RELO and British Council, New Delhi at KMM, Rajasthan University, Jaipur during 30-31 October 2017 and also chaired two workshop sessions during the conference.
203. V.S. Nirban, "Intercultural Communication Education: An Exploration of Communication Courses for Engineering Students in India" at the International Conference on Media, Culture and Ethics organized by the Department of Humanities and Social Sciences, BITS Pilani, 9-10 February, 2018.
204. V. S. Nirban, "Gender Based Communication Differences in Online Media" at the International Conference on Media, Culture and Ethics organized by the Department of Humanities and Social Sciences, BITS Pilani, 9-10 February, 2018.
205. V.S. Nirban, "Interplay between organizational change and career orientation" at the First Indian Congress on Industrial and Organizational Psychology, Department of Psychology, University of Rajasthan, 30-31st January 2018.
206. Agarwal, S presented the work "DEA models for exogenously fixed variables under fuzzy environment" in Third International Conference on Intelligent Communication, Controls and Device-2018, organized by UPES Dehradun during Dec 21-22, 2018
207. Dwivedi, G. presented the work "Existence of a solution to singular semilinear polyharmonic equation with exponential nonlinearity" at AIMS conference on Dynamical Systems, Differential Equations and Applications July 5 - July 9, 2018 Taipei, Taiwan.
208. Mathur, T presented a paper entitled "Hierarchy of Sectors in BSE SENSEX for Optimal Equity Investments using Fuzzy AHP" in Third International Conference on Intelligent Communication, Controls and Device-2018, organized by UPES Dehradun during Dec 21-22, 2018. (Co-Authored with Mr. P. Satya and Dr. Shivi Agarwal).
209. Pasari, S presented the work "Seismotectonic Modeling in the Bay-of-Bengal Region" in AOGS-EGU Joint Conference, Tagaytay, Phillipines, February 04-08, 2018
210. Pasari, S presented the work Stochastic Modeling of Earthquake Interevent Counts (Natural Times) in Northwest Himalaya and Adjoining Regions in the International Conference on Applied and Computational Mathematics (ICACM 2018) at IIT Kharagpur during Nov 23-25, 2018.
211. Rakhee presented a work in National Conference in Applied Science and Humanities, held at Thakur College of Engineering and Technology, Mumbai, 23-24, Feb 2018.
212. Rakhee attended National Conference on "Modeling, Optimization and Computing for Engineering Problems: Use of Technical Hindi Terminology" held at IIT Roorkee, Roorkee, Uttarakhand, during 12-14 October, 2018.
213. Sharma, B.K. attended International Conference on 'Life Science Research & its Interface with Engineering and Allied Sciences' 1-3 November, 2018, at BITS Pilani, Pilani Campus.
214. Yadav, S. attended International Congress of Mathematicians, Rio de Janeiro, Brazil, Aug. 01-09, 2018.
215. Applying swing-leg retraction on an actuated spring loaded inverted pendulum model, Singh R., Rout B.K., 2nd International Conference on Inventive Systems and Control, Coimbatore, India 19-20 January 2018
216. Identification of Sustainable Energy Source for Indian Climatic Conditions: A MCDM Approach, Saraswat Santosh and Digalwar A K, International Conference on Sustainable Energy and Environmental Challenges (SEEC-2018), IISc. Bangalore during 31 Dec 2017 to 3 Jan 2018
217. System Dynamics Approach for the Assessment of Leanness of Organizations, Digalwar A K, Bedekar Akshay and Agrawal Mohit, 2018 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM2018), Bangkok, Thailand, 16-19 Dec 2018.

218. Analysis of Sustainable Machining Process : A Multicriteria Decision Making Approach, Wankhede Sahil and Digalwar A K, ICMBAT 2018 & AIP Conference , K D K College of Engineering Nagpur 14-15 Dec 2018
219. Assessment of Maintenance Improvement using OEE approach: A case of Indian Manufacturing Industry, Wankhede Sahil and Digalwar A K, 12th Annual ISDSI International Conference, SPJIMR Mumbai 27-30 December 2018
220. Location Analysis and Layout improvement of Agricultural Warehouse, Digalwar A K and Samantoroy Premchand , 12th Annual ISDSI International Conference, SPJIMR Mumbai 27-30 December 2018
221. Applications of Industrial IoT in Manufacturing Industry for Predictive Maintenance: A Survey, Deshpande Pranav, Digalwar A K and Digalwar Mayuri, 12th Annual ISDSI International Conference, SPJIMR Mumbai 27-30 December 2018
222. Evaluation of Sustainable Energy Sources in India: A Fuzzy AHP Approach, Sarswat Santosh, Digalwar A K and Yadav Shyam Sunder, 12th Annual ISDSI International Conference, SPJIMR Mumbai 27-30 December 2018
223. Sustainability Comparison between Electric and Diesel Buses A Case Study, Rastogi Arpit and Digalwar A K, 12th Annual ISDSI International Conference, SPJIMR Mumbai 27-30 December 2018
224. Identification and Analysis of Social Factors Responsible for Growth of Electrical Vehicles Manufacturing in India, Bedekar Akshay and Digalwar A K, 12th Annual ISDSI International Conference, SPJIMR Mumbai 27-30 December 2018
225. Industry 4.0 Implementation: Evidence from Indian manufacturing industries, Sharma Ankur and Digalwar A K, 12th Annual ISDSI International Conference, SPJIMR Mumbai 27-30 December 2018
226. Numerical simulation of clot movement inside cerebral blood vessels, Sreenivas Venguru, Shyam Sunder, SWAYAM 2018, BITS Goa July 5-6 2018
227. Development of a framework for reliability centered maintenance, Gupta, G., Mishra, R.P., Mundra, N., 8th International Conference in Industrial Engineering and Operations Management, Bandung, Indonesia, Indonesia, 6-8 March, 2018.
228. Identification of critical components using anp for implementation of reliability centered maintenance, Gupta, G., Mishra, R. P., 25th CIRP conference on life cycle engineering, Copenhagen, Denmark, April 30 – May 02, 2018.
229. Comparative analysis of traditional and fuzzy FMECA approach for criticality analysis of a conventional lathe machine, Gupta, G., Mishra, R.P., 9th International Conference on Quality, Reliability, Infocom Technology and Business Operations, Delhi, India, Dec. 27-29 , 2018.
230. Experimental Study of Rolling Element Bearing with Localized Defect using Response Surface Methodology, Gunerkar R, Jalan, A. K. and Belgamwar, S.U, ASCADM 2018, Patna, 4-6 June 2018
231. Comparative Study of Various Supermarket Refrigerating Systems In European Climate Context, Paride Gullo, Nilesh Purohit, Mani Sankar Dasgupta, Armin Hafner, Krzysztof Banasiak, 5th IIR Conference on Sustainability and the Cold Chain, 06-08 April 2018 Beijing, China
232. Implementation of cascade classifier technique for gesture control of an ABB industrial manipulator, Sujeet Telang, B.K. Rout, 2nd International Conference on Inventive Systems and Control (ICISC), Coimbatore 2018
233. Simulation and Implementation of Calligraphic Writing using ABB 1410 Industrial Manipulator, Ajinkya Joshi, B.K Rout, 2nd International Conference on Inventive Systems and Control (ICISC) , Coimbatore 2018
234. Residual Life Assessment of Super-Heater Coils in Supercritical Thermal Power Plants due to Erosion by Fly-Ash and Oxide Scale Growth, P.Srinivasan and Aarushi Bharghava, O& M Conference IPS2018" Organised by NTPC, 13-15 February 2018 at, NTPC, Noida
235. Analysis of post-harvest supply chain impediments for farmer's profit enhancement and price spread reduction, Rahul Priyadarshi, **Srikanta Routroy** and Girish Kant, XXII Annual International Conference of the Society of Operations Management, IIM Kozhikode, December 20-22, 2018
236. A study on Targeted Public Distribution System of Rice: A Supply Chain Perspective, Dhamija, A.S., **Routroy Srikanta** and Vaish, A. K., Diamond Jubilee National Convention of IIIE & International Conference, Campus 1 (ITER), Bhubaneswar.
237. Optimization of Rooftop Solar Installations for Industrial Buildings for Demand Side Management - A Case Study, Vijaykumar Sonawane, Manoj Kumar Soni, Aniket A. Lad, 2nd International Conference on Solar Technologies & Hybrid Mini Grids, Campus Universitat de les Illes Balears Palma de Mallorca, Spain, October 17 – 19, 2018
238. Low cost solar application in laundry and solar drying for Indian villages, Manoj Kumar Soni, Aniket Lad, Harshit Sharma, 2nd International Conference on Solar Technologies & Hybrid Mini Grids, Campus Universitat de les Illes Balears Palma de Mallorca, Spain, October 17 – 19, 2018
239. Numerical simulation of clot movement inside patient specific cerebral blood vessels, Shyam Sunder Yadav, SWAYAM 2018, 5-6 July 2018, BITS Goa, India
240. Experimental investigation of co2 trans-critical refrigeration system with and without internal heat exchanger

- for warm climate, , Nilesh Purohit, Dileep Kumar Gupta, M S Dasgupta, 13th IIR-Gustav Lorentzen Conference on Natural Refrigerants, 18-20th June 2018, Valencia, SPAIN
241. Comparative study on a dual temperature transcritical refrigeration cycle with two cascade ejectors, , Kapil Dev Choudhary, M S Dasgupta, Shyam Sunder, 13th IIR-Gustav Lorentzen Conference on Natural Refrigerants, , 18-20th June 2018, Valencia, SPAIN
  242. Exergetic analysis of CO2 trans-critical refrigeration system with and without internal heat exchanger using experimental data, , Nilesh Purohit, Dileep Kumar Gupta, Mani Sankar Dasgupta, 5th IIR Conference on Sustainability and the Cold Chain (ICCC 2018), , 06-08 April 2018 Beijing, China
  243. Energetic And Exergetic Investigation of a Modified Dual Temperature Transcritical Refrigeration Cycle With Two Cascade Ejectors, , Kapil Dev Choudhary, M. S. Dasgupta, Shyam Sunder, 5th IIR Conference on Sustainability and the Cold Chain (ICCC 2018), 06-08 April 2018 Beijing, China
  244. A Comparative Study On Energetic and Environmental Performance Of An Integrated R744 Multi-Ejector Enhanced Parallel Compression System In High Ambient Temperature Locations, Paride Gullo, Nilesh Purohit, Mani Sankar Dasgupta, Armin Hafner,, 5th IIR Conference on Sustainability and the Cold Chain (ICCC 2018), 06-08 April 2018 Beijing, China
  245. Amrata Patwa. & Anil Bhat "Conceptual Domain Overlap between Employee Engagement and Employee Creativity: an Empirical Investigation" accepted for presentation in 2nd Annual Conference of Aston India Centre for Applied Research. Managing and Organizing in the Emerging Indian Context,31<sup>st</sup>August – 1<sup>st</sup>September 2018 at Aston Business School, Aston University, Birmingham, U.K
  246. Arun Kumar Agariya, and Jyoti Tikoria (2018) Sustainable Operations: A Case of Cashless facility across the University, abstract published in proceedings of "The International Conference on Sustainable Management, organizaed by IIM Kashipur in May 2018.
  247. Arunima Rana, Anil Bhat & Leela Rani "Investigating Path to Purchase for Online Impulse Buying: A Decision Net Approach", accepted for presentation at 2018 Winter AMA Academic Conference, Feb23-25, New Orleans, L.A, USA
  248. Banerjee, P., & Bhattacharyya, T. (2018). Perceived Benefit of XMOOCs in Knowledge Enhancement and Impact on Career Development: A Mixed-Method Study. Paper presented at 9<sup>th</sup> IKMAP Conference, 1-2 November 2018, organized by Hong Kong Polytechnic University & Zhejiang University, Hangzhou, China
  249. Bhanu Mishra and Jyoti Tikoria (2018) "Effect of ethical leadership on organisational climate and its subsequent influence on commitment: A study of Indian Doctors", PAN IIT International Management Conference 2018 to be held during November 30 – December 02, 2018 at IIT Roorkee, Utrakhand, India.
  250. Chadha S (2018), "Capital Budgeting Techniques: Evidence from Indian Manufacturing Sector", paper presented at NIDA International Business Conference 2018, Bangkok Thailand by NIDA Business School on March 3, 2018
  251. Chanda, Udayan, Goyal, Praveen and Sharma, Vaibhav (2018) "A Bayesian network model for Impact of SHRM on Employee Commitment and Performance"Conference Proceedings of the International Conference on Business, Economics and Sustainable Development (ICBESD 2018) on February 22-23, 2018 at TERI School of Advanced Studies
  252. Dutta, N., & Bhat, A. 2018. "A Study of the Anomalous Relation Between Pro-Environment Knowledge, Attitude and Behaviour" in the Inaugural Nordic-India Business Research Conference organized by Stockholm Business School at Stockholm, Sweden from Aug 25, 2018 to Aug 26, 2018
  253. Dutta, N., & Bhat, A. 2018. "Source-Based Trust in Online Social Media Marketing" in the 20th Australia and New Zealand Marketing Academy Conference (ANZMAC) 2018 organized by Australia and New Zealand Marketing Academy and University of Adelaide at Adelaide, Australia from Dec 3, 2018 to Dec 5, 2018
  254. Dutta, N., & Bhat, A. 2018. "Examining the Effect of Store Characteristics, Attitude and Gender on Trust in Online Social Media Marketing" in the Sixth PAN IIM World Management Conference (WIMC 2018) organized by all 13 Indian Institutes of Management (IIMs) together at IIM Bangalore Campus from Dec 13, 2016 to Dec 15, 2018
  255. Mahesh Jayashree. & Bhat, Anil "Culture specific Indian management practices or Universal management practices: A peep into the black box of Indian IT Companies" presented at the Academy of International Business (AIB)-INDIA Chapter Conference held at Shimla on 9th - 11th April 2018.
  256. Mahesh.J. & Anil Bhat 'Educating Generation Z – An Ethnographic Insight for Managing and Organizing Higher Education Institutions in Indian Context'. 'Accepted for presentation in 2nd Annual Conference of Aston India Centre for Applied Research. Managing and Organizing in the Emerging Indian Context,31<sup>st</sup>August – 1<sup>st</sup>September 2018 at Aston Business School, Aston University, Birmingham, U.K (Best Innovative Research Paper Award)
  257. Nikita Sharda and Anil Bhat "The Role of Social Comparison and Consumer's Need for Uniqueness in Explaining the Purchase Intention Towards Luxury Brands" accepted for presentation at the Summer AMA Conference in Boston, M A, USA on August 10-12, 2018.
  258. Nirankush Dutta and Anil Bhat. "A Study of the Anomalous Relation Between Pro-Environment Knowledge, Attitude and Behaviour" Accepted for presentation at Nordic-India Business Conference hosted by Stockholm Business School, Stockholm, Sweden on 25-26 October 2018

259. Preeti Tewari, Anil Bhat & Jyoti "Identifying the role of antecedents on Social Entrepreneurial Intentions Formation" has been accepted for presentation in a refereed session at the 2018 SEE Conference, in Washington, DC, on March 2-4, 2018
260. Rana, A., Bhat A. K. & Rani, L., "Investigating Path to Purchase for Online Impulse Buying: A Decision Net Approach" presented at 2018 AMA Winter Academic Conference organized by The American Marketing Association (held in February 2018).
261. Rana, Arunima, Bhat Anil and Rani, Leela "The Cognitive Structure of Online Brand Choice: An Exploratory Study" presented at 21st Academy of Marketing Science World Marketing Congress (AMS WMC). Porto, Portugal, on 27 - 29 June, 2018
262. Saha, V. and Goyal, P. (2018), "Journey of Social Marketing in the last two decades: A Bibliometric Analysis, presented at First PAN IIT International Management Conference 2018, organized by IIT Roorkee on Nov 30 – Dec 2, 2018
263. Seth H and Chadha S (2018), "Adjucating the Working Capital Management Efficiency through Liquidity Model" paper presented at First PAN IIT International Management Conference 2018, organized by IIT Roorkee on Nov 30 – Dec 2, 2018.
264. Sharma S. K, "Transportation risks in perishable goods" Presented at NIDA Business school, Bangkok 3-4 March 2018
265. Yadav, N. (2018) "IKEA Inc.: The India Way", Case Idea presented at 60th Annual Conference of North America Case Research Association held at Florida, USA, Oct. 04-06.
266. Yadav, N., Gupta, K., and Rani, L. (2018), "Drivers of Sustainability Strategies and SMEs: A Systematic Literature Review", presented at 6th International Conference on Sustainable Development, Organized by European Center of Sustainable Development, Rome, Sep. 12-13, 2018.
267. Yadav, N., Gupta, K., and Rani, L. Approach to Using Social Learning for Fostering Sustainability: Review of Literature with Children's Context as a Case: presented at 6th International Conference on Sustainable Development, Organized by European Center of Sustainable Development, Rome, Sep. 12-13, 2018.
268. Sushil Kumar Yadav, R. Mahesh, Vishal Saxena, Cow milk peptide (BCM7) induced histopathological changes in rat bone, International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), BITS, Pilani, November 01– 03, 2018
269. Sushil Kumar Yadav, R. Mahesh, Vishal Saxena, Epidemiological study of  $\beta$ -casein alleles on human health, Golden Jubilee Concluding Celebrations & Annual Conference of Indian Pharmacological Society Conference, Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management (SVKM) NMIMS, Mumbai, February 15 - 17, 2018
270. D. Mounika, Banoth Karan Kumar, S. Murugesan, Design and study of novel isatin analogues as potential anti-HIV agents, International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), BITS, Pilani, November 01– 03, 2018
271. B. Karan Kumar, K. Ratnakar reddy, G. Achaiyah, S. Murugesan, 3-Styryl-4H-Chromen-4-One Derivatives as Novel Cytotoxic Agents, National Conference on Emerging Trends in Computational Drug Discovery , KIET Group of Institutions, Ghaziabad, August 16-17, 2018
272. Subhash Chander and Murugesan Sankaranarayanan, Synthesis of Novel Glycinamides of 6,7-Dimethoxy-1, 2, 3, 4-Tetrahydroisoquinolines via Rapid, Green, Efficient Microwave-Assisted Approach and their Antimicrobial Evaluation, National Symposium on Exploring the Advances and Challenges in Green and Protein Chemistry: Industry and Academia Perspectives, Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Ooty , March 9-10, 2018
273. Subhash Chander, Pankaj Bateja, Deepak P. Bhagwat, Ashok Penta, Joazaizulfazli Jamalis, Yong-Tang Zheng, Murugesan Sankaranarayanan, Design, synthesis and anti-HIV-1 RT activity of 5-benzoyl-4-methyl-1,3,4,5-tetrahydro-2H-1,5-benzodiazepin-2-one derivatives, National Conference , Department of Pharmacy, Sunrise University, Alwar, February 24-25, 2018
274. Rajamanickam Kannadhasan, Saravanan Dhandayutham, Subhash Chander and Sankaranarayanan Murugesan, Synthesis and study of novel 2-oxo-6-[(1,3-benzothiazole-2-ylthio)-phenyl]-1,2,3,4-tetrahydropyrimidine-5-carboxylate ethyl ester derivatives as antimicrobial agents, International Conference on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018) , Annamalai University, Annamalai Nagar, February 02-03, 2018
275. Subhash Chander, Ping Wang, Penta Ashok, Yong-Tang Zheng and Murugesan Sankaranarayanan, Design, synthesis and anti-HIV-1 RT activity of novel 6-methoxy-tetrahydroquinoline based compounds, International Conference on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018) , Annamalai University, Annamalai Nagar, February 02-03, 2018
276. Subhash Chander, Ping Wang, Penta Ashok, Liu-Meng Yang, Yong-Tang Zheng and Murugesan Sankaranarayanan, Design, synthesis and evaluation of 1-(4-phenylpiperazin-1-yl)ethanone based compounds as HIV-1 RT inhibitors, 24th ISCB International Conference (ISCB-2018), Frontier Research in Chemistry & Biology Interface organized by Indian Society of Chemists and Biologists, Manipal University, Jaipur, January 11-13, 2018
277. Sarathlal K C, Ramanathan A, Deepak Chitkara, Rajeev Taliyan, Evaluation of combinatorial neuroprotective efficacy of PPAR $\gamma$  agonist and HDAC inhibitor on SH-SY5H cell line' , International

- Conference on Life Science Research & its Interface with Engineering and Allied Sciences, BITS-Pilani, November 01– 03, 2018
278. Rajeev Taliyan, Exploring epigenetic modification in AD and developing brain targeted nano-carrier system for effective treatment , Annual conference of ISNM " Nanobiotech-2018, AIIMS, New Delhi, October 25-27, 2018
  279. Sarathlal K C, Sruthi Ramagiri, Deepak Chitkara, Rajeev Taliyan, Neuroprotective Effect of Rosiglitazone, PPAR $\gamma$  agonist, in HFD Induced Insulin Resistance and Associated Alzheimer's Type of Dementia', 50th Annual Conf of Indian Pharmacological Society (IPSCON - 2017), NMIMS-Mumbai, February 15 - 17, 2018,
  280. Sharma N, Malek VM, Gaikwad AB, Hyperglycemia worsens acute kidney injury by reducing AT2 receptor/ ACE2 expression, Golden Jubilee Concluding Celebrations & Annual Conference of Indian Pharmacological Society, SVKM NMIMS, Mumbai, February 15 - 17, 2018,
  281. Malek VM, Sharma NS, Gaikwad AB Histone acetylation: an epigenetic modulator of natriuretic peptides and nepriysin expression in type 1 diabetic cardiac dysfunctions, Golden Jubilee Concluding Celebrations & Annual Conference of Indian Pharmacological Society, SVKM NMIMS, Mumbai, February 15 - 17, 2018,
  282. Sharma N, Malek V, Gaikwad AB, Role of protective renin-angiotensin system intervention in preventing renal ischemia/reperfusion injury in diabetic rats, International Symposium on Molecular Medicine (ISMM-2018), SGPGIMS, Lucknow, December 14-16, 2018
  283. Malek V, Sharma N, Gaikwad AB Nepriysin inhibitor and angiotensin converting enzyme 2 activator combination prevented diabetic nephropathy, International Symposium on Molecular Medicine (ISMM-2018), SGPGIMS, Lucknow, December 14-16, 2018
  284. Surve Dhanashree, Jindal Anil, Co-encapsulation of HIV-1 entry inhibitor peptide and non-nucleoside reverse transcriptase inhibitor (NNRTI) in stearic acid based lipid nanoparticles: formulation optimization & physicochemical characterization, 16th International symposium on Advances in Technology and Business Potential of New Drug Delivery Systems (Organised by Controlled release society), The Lalit, Mumbai, February 23-24, 2018
  285. Aditi Singh, Jalpa Vataliya, Prabhjeet Singh, Deepak Chitkara, miRNA therapeutics for treatment of glioblastoma multiforme, International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS-2018), BITS-Pilani, November 01– 03, 2018
  286. Jalpa Vataliya, Shruti Shah, Prabhjeet Singh, Deepak Chitkara Tumor Microenvironment and Targeted Nano-Delivery in Glioblastoma Multiforme International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS-2018), BITS-Pilani, November 01– 03, 2018
  287. Siddharth Uppal, Kishan S Italiya, Deepak Chitkara, Anupama Mittal., Nanoparticulate-based drug delivery systems for anti-diabetic drugs, International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), BITS Pilani, Pilani , November 01– 03, 2018
  288. Kishan S Italiya, Samrat Mazumdar, Saurabh Sharma, Deepak Chitkara, Ram I Mahato, Anupama Mittal Self-assembling lisofylline-fatty acid conjugate for effective treatment of diabetes mellitus National Biomedical Research Competition (NBRCOM-2018), AIIMS, Rishikesh, October 15, 2018
  289. Tejashree Waghule, Neha Hans, Prachi Manchanda, Vamshi Krishna Rapalli, Gautam Singhvi., Quality by design based development of nanostructured lipid carriers of voriconazole., National Seminar on "Nanotechnology to Translational Nanomedicine: Status Assessment, Challenges and New Horizons", The University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.), March 15-17, 2018
  290. Shriyansh Srivastava, Subham Choudhury, Vedhant Kaul, Vamshi Krishna Rapalli, Gautam Singhvi., Telmisartan nanocrystals: an economic way to improve the solubility and dissolution., National Seminar on "Nanotechnology to Translational Nanomedicine: Status Assessment, Challenges and New Horizons", The University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.), March 15-17, 2018
  291. Gautam Singhvi, Vamshi Krishna Rapalli, Sunil K. Dubey, Sandhya Pittala, Vedula Girija Sastry., Preparation and characterization of depot injectable microspheres of leuprolide acetate, CPSBT-2018, NIPER- Ahmedabad, March 21-24, 2018
  292. Vamshi K. Rapalli, Gautam Singhvi, Lipid-based nanocarriers of anti-psoriatic drugs for enhancing permeation through the skin., International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), BITS Pilani, November 01– 03, 2018
  293. Pandey M. M., Charde S.Y., Design and Characterization of Felodipine Nanocrystals using Soluplus, Golden Jubilee Concluding Celebration and Annual Conference of Indian Pharmacological Society (IPSCON - 2017), SVKM NMIMS, Mumbai, February 15-17, 2018
  294. Saha P., Lulla C., Sehgal A., Pandey M.M., Dissolution Enhancement of Curcumin by Preparing Nanocrystals, International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS-2018), BITS Pilani, November 01– 03, 2018
  295. Sharma S, Roy A., Chitosan- Chondroitin sulfate based polyelectrolyte complex for effective management of chronic wounds., Life Science Research & its Interface with Engineering and Allied Sciences , BITS Pilani, November 01– 03, 2018
  296. Swetha KL, Roy A., Drug Combination for Targeting Chemo-Resistant Cancer Stem Cells., Life Science Research & its Interface with Engineering and Allied Sciences , BITS Pilani, November 01– 03, 2018

297. K V Krishna, S K Dubey, R N Saha, Gautam Singhvi, Maneesh Goyal, Analytical Method for the Isomeric Separation of Sennosides, National Conclave "Vanoushadhi -2018", Raipur, C.G., February 3- 4, 2018
298. Gautam Singhvi, Sunil K Dubey, Vishal Girdhar, Shalini Patil, Gelatin: A Versatile Biopolymer for Pharmaceutical and Biomedical Application, National Conclave "Vanoushadhi -2018", Raipur, C.G., February 3- 4, 2018
299. Sunil Kumar Dubey, K V Krishna, R N Saha, Exploring the Compartmental Pharmacokinetics and Bio-distribution of Donepezil Hydrochloride, 9th World Congress on Bioavailability and Bioequivalence, Dubai, UAE, April 16- 18, 2018
300. Krishna K V, Saha R N, S.K. Dubey, Synthesis and Pre-Clinical Neuroprotective Potency of Memantine-Alpha lipoic acid Conjugate in Cognitive Disorders, Alzheimer's Association of International Conference, Chicago, USA, July 21-26, 2018
301. Prashant Tiwari, Sunil Kumar Dubey, Pratap Kumar Sahu, Protective Effect of Methanolic Extract of *Tinospora cordifolia* Against Sulpiride Induced Hyperprolactinemia, Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), BITS Pilani, Pilani, November 01– 03, 2018
302. Krishna K V, Geetika Wadhwa, Sunil K Dubey, R N Saha, Enantioselective Analysis and Molecular Modeling Studies of Tolvaptan, Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), BITS Pilani, Pilani, November 01– 03, 2018
303. Priyansha Gupta, Saniya Dasot, Gautam Singhvi, S.K. Dubey, Harnessing Technology to Transform Healthcare: From Diagnostics to Virtual Care, Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018), BITS Pilani, Pilani, November 01– 03, 2018
304. SNC Sridhar, Atish T. Paul, Conophylline - A Potential Pancreatic Lipase Inhibitory Lead from *Tabernaemontana divaricata*: In silico, Synthesis and In vitro Studies, 1st National Biomedical Research Competition (NBRCOM-2018), All India Institute of Medical Sciences (AIIMS), Rishikesh, October 15, 2018
305. Ginson George, SNC Sridhar, Atish T. Paul, Synergy Approach Based Pancreatic Lipase Inhibitory Effects of Selected Indian Medicinal Plants as Anti-obesity Agents, Challenges for Global Competitiveness of AYUSH and Natural Products with IASTAM Oration and Award Function 2018, Delhi Pharmaceutical Sciences & Research University, February, 02-01, 2018
306. SNC Sridhar, Atish T. Paul, Conophylline - A Potent Pancreatic Lipase Inhibitor from *Tabernaemontana divaricata*: Molecular Modelling, In Vitro Studies and Analytical Method Development" under the theme, Challenges for Global Competitiveness of AYUSH and Natural Products with IASTAM Oration and Award Function 2018, Delhi Pharmaceutical Sciences & Research University, February, 02-01, 2018
307. Upsilon 1S and 2S suppression in p-Pb and Pb-Pb collisions at LHC: Centrality and Transverse Momentum Dependence, Madhukar Mishra, Present a paper in an International Conference (Hard Probes 2018), Aix-Les-Bains, France, Organized by CERN, Switzerland, 30 Sep. 2018 - 5 Oct. 2018
308. Bottomonium 1S and 2S suppression in p-Pb and Pb-Pb collisions at LHC: Centrality and Transverse Momentum Dependence, Madhukar Mishra, DAE-BRNS High Energy Physics Symposium 2018, IIT Chennai, 10 Dec.2018 - 14 Dec. 2018

#### Goa Campus

1. South Asian Biotechnology Conference 2018, Biotechnology: Role in Regional Development at Colombo, Sri Lanka organized by South Asian University and International Centre for Genetic Engineering and Biotechnology (ICGEB) from 28-30 March 2108. Title of Presentation: Development of DNA barcodes for delineating representative mangrove species of west coast India.
2. Plant Responses to light and stress: emerging issues in climate change. Organized by International Centre for Genetic Engineering and Biotechnology (ICGEB) from 10-12 October 2018. Title of presentation: The role of OsWNK9 in conferring increased tolerance to salt and drought stress
3. IACPCon 2018 – Indian Association for Cerebral Palsy Conference 2018, Nov 24-25, 2018, Calcutta Medical College and Hospital, Kolkata.
4. Ramya R, A. Ghosh, A. Chakrabarty, Utpal Roy" 'New Antifungal Lipopeptides from Wild- type *Bacillus subtilis*', 20th Congress Internal Society of Human & Animal Mycology, (ISHAM) 2018) at Amsterdam, July 2018.
5. Rajesh Mehrotra presented a paper Genome wide analysis of AAAG and ACGT cis- elements reveals preferred orientation of AAAG(N)ACGT over ACGT(N)AAAG in *Arabidopsis thaliana* International Plant Physiology Conference, Lucknow, 2nd to 5th December, 2018.
6. Achari, G. A. and Kowshik, M "Sustained release zinc-chitosan nanoparticles boosts seedling vigor in *Capsicum annum* L." presented at the 2<sup>nd</sup> National Postdoc Symposium, held during 3<sup>rd</sup> to 5<sup>th</sup> October, 2018 at CSIR-Centre of Cellular and Molecular Biology, Hyderabad, Telangana, India organized by CCMB, Hyderabad and, NCBS and InStem, Bangalore (Poster).
7. Achari, G. A. and Kowshik M "Zinc-chitosan nanoconjugates as nanofertilizers for improving plant nutrition" presented at the International Conference on Nanoscience and Technology (ICONSAT-2018), held during March 21st-23rd 2018 at Indian Institute of Science, Bengaluru, India, Sponsored by Nano Mission, Department of Science and Technology, Govt. of India (Poster No. 162).



8. Workshop for Woman in Science Administration and Management organized by the British Council, IISER Pune and IndiaBioscience through the Newton-Bhabha Fundat National Centre for Biological Sciences, Bengaluru, Karnataka, India during November 26<sup>th</sup>- 29<sup>th</sup> 2018.
9. Workshop on Engineering Economics Entrepreneurship in collaboration with Fulbright Educational Exchange Program at BITS Pilani K K Birla Goa Campus, Goa, India, during May 28<sup>th</sup> 2018 to Friday, July 6<sup>th</sup> 2018. Mentor: Fulbright Specialist (FS) Prof. Ashok Kumar Ghosh (Ph.D., P.E) from the New Mexico Tech, USA and Prof. Anasuya Ganguly, BITS Pilani KK Birla Goa Campus. Business proposal on 'Production of Biofertilizers' was presented.
10. Bio-Entrepreneurship, Grant Writing and Funding Opportunities, workshop organized by BITS BIRAC BioNEST at BITS Pilani KK Birla Goa Campus on February 5<sup>th</sup> 2018.
11. Prof. A.P. Koley attended 9<sup>th</sup> Asian Biological Inorganic Chemistry Conference held at National University of Singapore (NUS), Singapore during 9 to 14 December 2018 and presented the following paper, "EFFICIENT HYDROLYTIC CLEAVAGE OF DNA AND ANTIPROLIFERATIVE EFFECT ON HUMAN CANCER CELLS BY COMPLEXES OF CU(II) AND ZN(II)"
12. Prof Raghu Nath Behera, A. Panda, V. R. Chary, R. Chittoory, "Computational Study of Catalytic Mechanism of some Diselenide-based Glutathione Peroxidase Mimetic", Computational Chemistry Gordon Research Conference: "Towards Next-Generation Challenges in Computational Chemistry: From Quantum Chemistry and Molecular Simulation to Data Discovery and Quantum Computing", West Dover, VT, USA, July 22-27, 2018.
13. Prof Raghu Nath Behera, Ramya Chittoory and Komal Dipule, "Theoretical investigations on the reduction of hydrogen peroxide by diselenide-based glutathione peroxidase mimics", 6<sup>th</sup> International Conference on Research Frontiers in Chalcogen Cycle Science & Technology (Joint G16 & ABWET Conference), University of Naples Federico II, Italy, Dec 6-7, 2018.
14. (Invited Talk) Prof. Narendra Nath Ghosh "Development of Mesoporous Alumina based Adsorbents for Removal of Fluoride from Water" DAE – BRNS Biennial Symposium on Emerging Trends in Separation Science and Technology (SESTEC – 2018) at Birla Institute of Technology & Sciences (BITS), KK Birla Goa Campus, Indian 23<sup>rd</sup> -26<sup>th</sup> May, 2018
15. (Poster presentation) Debabrata Moitra, Barun Kumar Ghosh, Manoj Kumar Patra, Sampat Raj Vadera, and Narendra Nath Ghosh, "Development of Reduced Graphene Oxide- ferrite nanocomposites as Efficient Light Weight Microwave Absorbers in X-Band Region" DAE – BRNS Biennial Symposium on Emerging Trends in Separation Science and Technology (SESTEC – 2018) at Birla Institute of Technology & Sciences (BITS), KK Birla Goa Campus, Indian 23<sup>rd</sup> -26<sup>th</sup> May, 2018
16. Prof. Ranjan Dey delivered a talk at Department of Chemistry, University of Cambridge, 18<sup>th</sup> June, 2018.
17. Prof. Ranjan Dey delivered an invited talk at SCIFFI on Popular Science, Sharda Mandir School, Mirmar, Panjim, 27<sup>th</sup> Nov, 2018. He was also the SCIFFI Resource Scientist for 75<sup>th</sup> Talk at Mount Litera Zee School, Sancoale, 18<sup>th</sup> December, 2018.
18. Prof. Amrita Chatterjee gave Invited talks in ICCS 2018 (EMN 2018 meeting); Rome, Italy; June 2018 and in the Department of Chemistry, University of Turino, Italy. July 2018
19. Mr. Santosh Kokate, Research Scholar (under Prof. Halan Prakash) Department of Chemistry, presented a paper titled Degradation of organic pollutants in water by nickel based activated peroxo compounds in the the conference Xenowac, 2018 (Challenges and Solutions related to Xenobiotics and Antimicrobial Resistance in the Framework of Urban Wastewater Reuse) , 10-12 October, 2018 held at University of Cyprus, Cyprus, 2018. [www.xenowac2018.com](http://www.xenowac2018.com)
20. Prof. Halan Prakash, attended DSIR meeting at BITS, Pilani, Hyderabad campus. "Innovation Equity of Science & Technology" on 27.01.18 at BITS, Pilani, Hyderabad Campus. Workshop focused to promote students/faculty for proposal submissions to DSIR, India.
21. Sharan Hiremath, Prof Mainak Banerjee and Prof Amrita Chatterjee Design and synthesis of graphene oxide based AIE-sensor for selective detection of Hg(II) in aqueous medium. 14<sup>th</sup> DAE-BRNS Biennial Trombay Symposium on Radiation & Photochemistry (TSRP-2018). Jan 3 - Jan 7, 2018, BARC, Mumbai
22. Sharan Hiremath, Prof Mainak Banerjee and Prof Amrita Chatterjee, A reduced graphene oxide based "turn-on" fluorescent assay for selective detection of Hg(II) in aqueous medium DAE - BRNS Eighth Biennial Symposium on Emerging Trends in Separation Science and Technology (SESTEC-2018). 23-26 May, 2018 Department of Chemistry, BITS-Pilani KK Birla Goa Campus
23. Zigme T. Bhutia, Dharmendra Das, Amrita Chatterjee and Prof Mainak Banerjee International Conference on Organometallics and Catalysis (ICOC 2018). Mechanochemistry: A Greener way to Heterocyclic Scaffolds. 13-16 December, 2018 Hotel Holiday Inn, Goa.
24. Prof Sunil Bhand delivered Invited talk "Novel sensors based on molecularly imprinted polymers" at National seminar "IoT inspired Food Safety & Residue Detection" organized by CDAC Kolkata, MeitY, Govt of India and RD Tata Trust in Association with BITS Pilani KK Birla Goa Campus and Jadavpur University Kolkata on 18 Dec 2018 at Kolkata.
25. Prof Sunil Bhand delivered invited **lecture "Frontiers in Interdisciplinary research –from invention to innovation"** as Mentor at INSPIRE Internship Science Camp organized by Christ College, Rajkot affiliated

- to Saurashtra University, during 10-14 July 2018 Sponsored by Department of Science and Technology, DST N Delhi (Govt. of India).
26. Prof Sunil Bhand delivered an invited lecture "Chemical contaminant analysis using biosensors" at Indo-Israel Workshop on Nanoelectronic Materials and Devices (I2NMD) 2018 held on 2<sup>nd</sup> November, 2018, organized by Department of Electrical and electronics Engineering BITS Pilani, Pilani Campus in association with Tel Aviv University, Israel.
  27. Prof Sunil Bhand delivered an invited lecture "Recent developments in biosensors for food toxin analysis" at International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS 2018) organized by BITS Pilani, Pilani Campus during Nov. 1-3, 2018.
  28. Prof Sunil Bhand delivered Invited talk "New frontiers in Societal applications of Biosensors" at National Seminar on **Trends and Applications of ICT in Agriculture (TRACT,2018)** organized jointly by CDAC Kolkata and India Metrology Society (IMS), March 13, 2018 Kolkata.
  29. Prof Sunil Bhand made oral presentation "Biosensors for Food Traceability" at Indo-Norway First RE-Food Symposium "Sustainable technologies for food processing and preservation" jointly organized by BITS Pilani, IIT Kharagpur and SINTEF Ocean NORWAY. Feb 8 & 9 2018 at BITS Pilani K.K. Birla Goa Campus, India.
  30. Krishna Kumari Swain, Prof Sunil Bhand "A colorimetric magnetic nano particle based enzyme assay for sensitive detection of Cd(II) ions in drinking water" International conference on Biomaterials, BioEngineering and BioTheranostics (BioMET) 2018 VIT, Vellore, India 26th -28th July, 2018 (Poster presented by Krishna Kumari Sawain)
  31. G. Bacher, A.C. Singh, Prof Sunil Bhand, "Performance Evaluation of Immunosensor Based on Stability of Self-Assembled Monolayers (SAMs) Using EIS" poster presentation in 28<sup>th</sup> WORLD BIOSENSOR CONGRESS- 2018 held at Florida USA (Poster)
  32. Parsekar Sidhali Uday, Joseph Fernandes, Arnab Banerjee, Manjuri K. Koley\*, ROS - Mediated Cytotoxicity of Cu(II) complexes against Human Cervical Cancer HeLa Cell line . International Conference on Reproductive Physiology and Comparative Endocrinology ( ICRPCE ) and 36 th Annual Meeting o f the Society for Reproductive Biology and Comparative Endocrinology ( SRBC E - XXXV I ). 20 t h - 22 n d J a n u a r y , 2 0 1 8 .
  33. Sidhali Uday Parsekar and Manjuri Kumar \* : DNA binding and in vitro cytotoxicity studies of a mixed - ligand mononuclear copper(II) complex . Biological Engineering Society India. Annual Meeting and Conference BESCON 2018 , IIT Bombay, 26 - 27 October 2018.
  34. Manjuri K. Koley, Sidhali U. Parsekar, Joseph Fernandes and Arnab Banerjee: Synthesis, in vitro cytotoxicity and anticancer activity of some C U (II) complexes containing N 2 S (thiolate) and N 4 S (disulfide) cores. 9th Asian Biological Inorganic Chemistry Conference (AsBIC 9) Stephen Riady Centre, National University of Singapore 9 - 14 December 2018.
  35. H. M. Mouna, S. S. Baral, Biorecovery of Nickel and Vanadium from the spent fluid catalytic cracking catalyst using *Aspergillus niger*, 13th Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES- 2018, 30th September - 4th October, 2018, at Palermo, Italy. Accepted for oral presentation.
  36. Shuchi, S. S. Baral, Visible light induced photocatalytic degradation of phenol using TiO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub>-RGO composite catalyst, 13th Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES- 2018, 30th September - 4th October, 2018, at Palermo, Italy, Accepted for Poster presentation
  37. H. M. Mouna, S. S. Baral, Biorecovery of iron from Spent Fluid Catalytic Cracking (FCC) catalyst by *Aspergillus niger*, DAE – BRNS Biennial Symposium on Emerging Trends in Separation Science and Technology (SESTEC – 2018), May 23-26, 2018, BITS Pilani K.K. Birla Goa Campus, Goa.
  38. Ganesan Surendran, Dileep M, S. S. Baral, Attribute based specification, comparison and selection of adsorbents for the treatment of Cr(VI) contaminated wastewater using fuzzy logic approach, DAE – BRNS Biennial Symposium on Emerging Trends in Separation Science and Technology (SESTEC – 2018), May 23-26, 2018, BITS Pilani K.K. Birla Goa Campus, Goa.
  39. J. Nambi Krishnan\*, V. Kaarthick Raaja, S. Gautham, S. Narang and S. Mehra, "Sulfonated PBI based blend membranes for Desalination", International Conference on Desalination (InDA 2018) Clean India Technologies, Role of Desalination and Swachh Bharat Mission, NIT Tiruchirappalli, India.
  40. J. Nambi Krishnan\*, V. Kaarthick Raaja and S. Gautham, "Acid polymer rich acid-amphiphilic blend membranes and their properties", The 6th International Water Association Regional Membrane Technology Conference (IWA-RMTC 2018), The M. S. University of Baroda, Gujarat, India.
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93. Riyanka Swain and Debasis Patnaik (2018): "Governance of Central Banks Across the World", 12th World Congress on Regional Science from 29 May -1 June 2018 at BITS Goa.
94. Vedant Agarwal, Debasis Patnaik and David (2018): "Current Status of Niger, Nigeria, Togo, Ghana in African Development: An Econometric Exercise Context", 12th World Congress on Regional Science at BITS Goa, during 29 May -1 June 2018.
95. Sudhir and D Patnaik (2018): "Country Risk Issues", 12th World Congress on Regional Science at BITS Goa, during 29 May -1 June 2018.
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98. Parashram Patil and Debasis Patnaik (2018): "Forest accounting; Kohlapur district in India", 12th World Congress on Regional Science at BITS Goa, during 29 May -1 June 2018.
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131. Dr. Parichay Patra, Transnational Cinema Studies and Interdisciplinarity: A South Asian Intervention, Paper presented at Dial S for Screen Studies, Annual Symposium of Sydney Screen Studies Research Network, University of New South Wales, Sydney, Australia, November 12-13, 2018
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133. NilakDatta, "Stereotype Print and Contemporary Affective Nationalism: Making India in the Age of Globalization" on 09-February-2018 , International Conference on Media, Culture, and Ethics held at BITS Pilani, Pilani Campus, (9-10 February, 2018).
134. NilakDatta, "The Call of the Wilderness: The Linnaean Classification of Spectacular Cityscapes in Dave Praeger's Delirious Delhi and Sarah MacDonald's Holy Cow" on 10-March-2018, 17<sup>th</sup> MELOW International Conference on Space, Place, and Landscape in Literatures of the World" in Dharamasala (India). The academic host was Central University of Himachal Pradesh., 09-March-2018 to 11-March-2018
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144. Anil Kumar "Optimal control of the velocity term in a Kirchhoff plate equation with multiplicative control" Anil Kumar delivered a talk on "Controllability of a Class of Parabolic Differential Equations with Memory Term" in the International & 14th Biennial Conference of Indian Society of Industrial and Applied Mathematics (ISIAM) which was held at Guru Nanak Dev University, Amritsar during February 2 to February 4, 2018.
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146. Prasanna Kumar, Inequalities Involving Polar Derivative of a Polynomial with Restricted Zeros, Paper presented in 14th Serbian Mathematical Congress held at Department of Mathematics, University of Kragujevac, Kragujevac, Republic of Serbia, Europe, during May 16-19, 2018.
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148. Pabitra Pradhan and Manoj Pandey, Lie Symmetries and Exact Solutions of Shallow Water Equations with Horizontal Temperature Gradient, International Conference on Mathematical Modelling and Computations (ICMMC-2018), South Asian University New Delhi.

149. Sweta Govekar and Manoj Pandey, Interaction of weak discontinuity with characteristic shock in generalized magnetogasdynamic equations, International Conference on Mathematical Computer Engineering - 2018 (ICMCE-2018) at Vellore Institute of Technology, Chennai, India.
150. Sahoo, J.K., Three Step scheme for rectangular matrices, International Conference on Computational Methods, Simulation and Optimization (ICCMO-2018), Bangkok, Thailand, June 22-24, 2018.
151. Roul R.K., Sahoo J.K, Sentiment analysis and extractive summarization based recommendation system, 05<sup>th</sup> international conference on Computational Intelligence in Data Mining, VSSUT, Sambalpur, Orissa, India December 15-16, 2018.
152. Roul R.K., Sahoo J.K, Near-Duplicate document detection using semantic-based similarity measure: A novel approach, 05<sup>th</sup> international conference on Computational Intelligence in Data Mining, VSSUT, Sambalpur, Orissa, India December 15-16, 2018.
153. Gauranga Samanta, Visited Japan and presented a paper entitled "Three fluid cosmological models in general relativity" in International Conference "String-Math-2018" at Tohoku University, Sendai during 18th - 22nd June-2018.
154. Amit Setia presented one paper entitled "Numerical solution of a nonlinear fractional model for hepatitis C by using Haar wavelets" at the international conference "FIAM 2018 International Conference on Frontiers in Industrial and Applied Mathematics" held at NIT Hamirpur, Himachal Pradesh, during 26 April 2018 - 27 April 2018.
155. Amit Setia presented one paper entitled "Dynamics of avian influenza A (H5N1) under facility closure and vaccination" at the international conference "International Conference on Mathematical Modeling and Computations (ICMMC-2018)" held at SAU, New Delhi, during 01 December 2018 – 03 December 2018.
156. **Abhilash K. Tilak**, Ranjit S. Patil, Comparative Analysis of Thermohydraulic Performance of Rectangular and Hexagonal Cross-Section Microchannel Heat Sink, 7th International and 45th National Conference on Fluid Mechanics and Fluid Power (FMFP), IIT Bombay, Mumbai, December 10-12, 2018, International
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164. Deopujari S and P.M. Singru, MEMS-Based Sensor at the Tip of the ET Tube, Society of Critical Care Medicine Congress ,, San Antonio, Texas, USA,, February 25-28, 2018, International
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168. Sundar Ganesh, Kishore Gopalakrishnan, Shibu Clement, Numerical Isolation of Swirl and its Effects on the Flow Performance of Aggressive Inter-Turbine Diffusers, 7th International and 45th National



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169. Pozhil S N, Sachin Waigaonkar, , Creep Studies on Rotational Moulding Materials using Time-Temperature-Superposition (TTS) 'Affiliation of Rotational Moulding Organisations (ARMO- 2018), University of Hamburg Germany, September 16-18 2018, International
  170. Mukund L. Harugade, Sachin D. Waigaonkar, Nikhil S. Mane and Narayan V. Hargude, "Magnetic Effect on High-Speed Electrochemical Discharge (HSECD) Engraving", 7th International and 28th All India Manufacturing Technology, Design And Research Conference 2018 (AIMTDR 2018)., Anna University, Chennai, December 13-15, 2018, International
  171. N M Menon, G Seth, K Gupta, S N Pozhil, S D Waigaonkar, Assesment of Impact Strength of Rotationally Molded Products, 1st Symposium and Workshop for Analytical Youth on Applied Mechanics (SWAYAM 2018), BITS Pilani, K. K. Birla Goa Campus, July 04–06, 2018, National
  172. Vatsa, K., Ajay, A. K., Patil, M., Simhachalam, B., Singh, V. and J. Nambi Krishnan,, Investigation of Electroless plating system for Sn-Zn alloy deposition, 71st Annual Session of Indian Institute of Chemical Engineers, CHEMCON-2018, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India., Dec. 27-30, 2018,, International
  173. Patil, M., Simhachalam, B., Nallanukala, P. and Singh V., Effect of Ultrasonic Vibrations on Tube Drawing Process Using FEA Method, NAFEMS India Regional Conference - NIRC 2018 Engineering Modeling, Analysis, Simulation & 3D Printing, Bangalore, Bangalore, July 20-21, 2018, International
  174. Jain, N., Kumar, A. and Singh, V., The effect of Six-Sigma Principles on athletic performance in Football, 12th ISDSI (Indian Subcontinent Decision Sciences Institute) International conference, SPJIMR, Mumbai, Dec 27-30, 2018, International
  175. Ravindra Singh Saluja and Varinder Singh , MADM based approach for selection of welding process for Aluminum tube manufacturing, International Conference in Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT), SVNIT, Surat, Aug. 03-05, 2018, International
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  177. Manoj Kumar H, Rathnagirisairamkaushik, Sandeep Jose, Numerical analysis on controlling the post buckling behavior of cylindrical shells using mode splitting, SWAYAM 2018 BITS, PIlani Goa Campus, 4th – 6 th July, 2018, National
  178. Rathnagirisairamkaushik, Manoj Kumar H, Sandeep Jose, Active buckling control studies on columns using equivalent force model as piezoelectric actuators, SWAYAM 2018 BITS, PIlani Goa Campus, 4th – 6 th July, 2018, National
  179. Karthikeyan and Satish Mullya, Comparative study of Dielectric and Debris flow in Micro Electrical Discharge  $\mu$ ED Milling process using Cylindrical and Slotted tools, AIMTDR, Anna University, Chennai, Dec 2018, Int
  180. Karthikeyan, Nikhil kadam, DM Kulkarni, Microstructure And Mechanical Properties Of Atmospheric Plasma Sprayed 8Ysz Thermal Barrier Coatings, AIMTDR, Anna University, Chennai, Dec 2018, Int
  181. Radhika Vathsan as a Long term visitor at the Institute for Quantum Computing, University of Waterloo, ON Canada from 1 June to 10 July, gave a talk titled "Subtle aspects of Quantum Information: complementarity and uncertainty" at Physics Department, University of Windsor, ON Canada on 26th June.
  182. Prasanta Kumar Das: Visiting Research Professor at the Department of Physics & Astronomy, University of Kansas(KU), Lawrence, KS, USA during the period 19th May 2018 to 13th July 2018. Prof. Douglas Mckay and Prof. K C Kong were my KU hosts.
  183. Prasanta Kumar Das gave a talk titled "Nonequilibrium Statistical Mechanics and its Application in Astrophysics & Collider Physics" on May 29, 2018 at 12:00 Noon, Malott hall, Department of Physics & Astronomy, KU. He was invited by Prof. Bhupal Dev of Department of Physics of Washington University(WU) at St.Louis, MO,USA. He gave a talk titled "Nonequilibrium Statistical Mechanics, fermion dark matter and supernova SN1987A cooling" on June 18, 2018 at 3 PM, A H Compton room, Department of Physics,WU.
  184. Prasanta Kumar Das was invited by Prof. Bharat Ratra of Department of Physics, Kansas State University(KSU), Manhattan, Kansas City, USA. he gave a talk titled "Tsallis statistics and its application in High Energy Physics and Astrophysics" on June 22, 2018 at 3 PM, Department of Physics, KSU,USA.
  185. Tuhin Malik, a Ph. D student of Tarun Kumar Jha, presented their work entitled, "Determination of the nuclear incompressibility and symmetry energy from neutron star tides", at the International DAE Symposium in Nuclear Physics (Dec 10 -14, 2018), BARC, Mumbai.

#### Hyderabad Campus

- 1 Almas Shamaila Mohammed, Ravikiran Nagarjuna, Mahammed Nanne Khaja, Ramakrishnan Ganesan and Jayati Ray Dutta, Colorimetric Detection of Hepatitis C Viral Nucleic acid Using Unmodified Gold

- Nanoparticles, International Conference on Biotechnological Research and Innovation for Sustainable Development, (BioSD-2018), IICT, Hyderabad, 22-25 Nov, 2018.
- 2 PVSLSS Narayana and Jayati Ray Dutta, Economical approach in production and purification of *Shigella flexneri* polysaccharide: A potential conjugate candidate, International Conference on Biotechnological Research and Innovation for Sustainable Development, (BioSD-2018), IICT, Hyderabad, 22-25 Nov, 2018.
  - 3 Sri Charan, P. Madhuri, Jayati Ray Dutta and Ramesh B. Adusumalli, Structural characterization of wood and kraft pulp fibres, oral presentation in AGI, National conference on Recent advances and challenges in chemical Engg & applied chemistry", Hyderabad, 16-17 March, 2018.
  - 4 Imran Khan, Sandeep K. Viswakarma, A. A. Khan, R. Ganesan and Jayati Ray Dutta, Lactobacillus sps. lipase capped gold nanoparticles hemocompatibility studies, 4th Biennial Conference of PAi and International Symposium on Probiotic Therapy: Translating to Health and Clinical Practice (PAi-2018), AIIMS, Delhi, 2018, Feb 16-17, India.
  - 5 Nivetha Sivasankaran, Imran Khan, Raj Maguluri, Ravikiran Nagarjuna, R. Ganesan and Jayati Ray Dutta, Evaluation of antimicrobial activity of Lactobacillus sps. lipase capped silver nanoparticle, National Symposium on "Emerging Environmental Challenges: An Engineering Approach (EEC-2018)" February 16, 2018 at BITS-Pilani, Hyderabad Campus.
  - 6 Nivetha Sivasankaran, R. Ganesan and Jayati Ray Dutta, Antimicrobial activity study using silver nanoparticle capped with probiotic Lactobacillus plantarum lipase, Indian Analytical Science Congress on Innovations and Emerging Advances in Analytical Science & Technology, Kottayam, Kerala, 2018, Feb 8-10, India.
  - 7 Heir R, Komal P, Franquin M, Chambon J and Stellwagen D (2018) The glial source of TNF during homeostatic synaptic plasticity. 12th Annual Canadian Neuroscience Meeting, Abstr., Vancouver, British Columbia, Canada, Poster.
  - 8 Franquin M, Kolahdouzan M, Ponroy B, Komal P, Ernst C, Stellwagen D (2018) Synaptic changes in the ALS cortex: an interplay between neurons and astrocytes. 12th Annual Canadian Neuroscience Meeting, Abstr., Vancouver, British Columbia, Canada, Poster.
  - 9 Komal P, Exposure to nicotine during pregnancy causes vitamin D deficiency and increases the risk of developing neuropsychiatric disorders in the offspring, young investigators meeting, 18th-19th August, 2018, Hyderabad, India.
  - 10 Manjari SKV, Komal P, Neuroprotective role of TNF- $\alpha$ -loaded Ln3+-based upconversion nanoparticles in mouse model huntington's disease, International Conference on Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS-2018), November 1-3, 2018, BITS-Pilani, Pilani Campus, Rajasthan, India.
  - 11 Anurag Gautam and Komal P, Probable ideal size of Ln3+-based upconversion nanoparticles for single and multimodal imaging, 7th Interdisciplinary Symposium On Materials Chemistry, Bhabha atomic research centre (BARC), Mumbai, December 4-8, 2018.
  - 12 Sunetra Sen, Daipayan Ghosh, Sridev Mohapatra. Modulation of polyamine biosynthesis and redox state in *Arabidopsis thaliana* by a drought mitigating *Pseudomonas putida* strain. LSRIEAS, BITS-Pilani Pilani Campus, Rajasthan, November 2018.
  - 13 N. Anand, V. Chinnumole, Seyoum Leta, P. Sankar Ganesh, Co-Biomethanation of Municipal Solid Waste Landfill Leachate and Domestic Septage, National symposium on "Emerging environmental challenges: An Engineering approach (EEC) 2018", Hyderabad, February, 2018.
  - 14 N. Jyothi, N. Anand, P. Sankar Ganesh, Biological Treatment of Municipal Solid Waste Landfill Leachate, National symposium on "Emerging environmental challenges: An Engineering approach (EEC) 2018", Hyderabad, February, 2018.
  - 15 Shreya Kulkarni, Sajeli Begum, P. Sankar Ganesh, Extraction and Purification of Bromelain from Pineapple Waste, National symposium on "Emerging environmental challenges: An Engineering approach (EEC) 2018", Hyderabad, February, 2018.
  - 16 B. Siva Prasad, P. Sankar Ganesh, Application of Dynamic Light Scattering in Biomolecular Science, National Workshop on Advanced Technologies for Biomolecule Separations, Vishakhapatnam, February, 2018.
  - 17 B. Siva Prasad, P. Sankar Ganesh, Label-Free Quantitation of Proteomic Responses Triggered by Rutile Titanium Dioxide Nanoparticles, Society of Toxicology's 57th Annual Meeting, Texas, March, 2018.

- 18 B. Siva Prasad, P. Sankar Ganesh, Application of ICP-OES in evaluating agglomeration of Titanium dioxide nanoparticles, National Seminar on Emerging Trends in Analytical Sciences (ETAS-2018), Hyderabad, July, 2018.
- 19 B. Siva Prasad, V. V. Chinnumole, P. Sankar Ganesh, Application of Engineered Nanomaterials for Microalgae Cultivation and Biodiesel Production, International Conference on Biotechnological research and Innovation for Sustainable Development (BioSD 2018), Hyderabad, November, 2018.
- 20 N. Anand, V.V. Chinnumole, P. Sankar Ganesh, Effect of Inoculation on Anaerobic Digestion of Food Waste, 8th International Conference on Sustainable Waste Management, 2018, Vijayawada November, 2018.
- 21 N. Anand, Mayank Gupta, Chinnumole, VV, P. Sankar Ganesh, Effect of effluent addition on compost characteristics, International Conference on Life Sciences Research & its Interface with Engineering and Allied Sciences (LSRIEAS, 2018), Pilani, November, 2018.
- 22 P. Khandelia, K. Yap and E.V. Makeyev. Streamlined platform for short hairpin RNA interference and transgenesis in cultured mammalian cells. Conference on "Muscle Biology In Health & Disease", NUS, Singapore, March 1-2, 2018.
- 23 P. Khandelia. Attended "Regional Young Investigators Meeting", Hyderabad, August 18-19, 2018.
- 24 Trinath J. Regional Young Investigators Meeting, Hyderabad, 18-19th August, 2018
- 25 Ruchi Jain Dey. Regional Young Investigators Meeting, Hyderabad, 18-19th August, 2018.
- 26 Naresh Patnaik and Ruchi Jain Dey. Attended 4th Biennial Conference of PAI and International Symposium on Probiotic Therapy: Translating to Health and Clinical Practice by Probiotic Association of India, Aiiims, New Delhi. (Abstract as conference proceedings)
- 27 Naresh Patnaik and Ruchi Jain Dey. Role of microbiome in pre-term birth: a diagnostic and a therapeutic opportunity. Article published in Probiotic Association of India News letter, Volume 14, March 2018
- 28 Yamini Rakesh Nikhariya, Ruchi Jain Dey and Jayati Ray Dutta. Probiotics in neonatal sepsis. Article published in Probiotic Association of India News letter, Volume 14, March 2018
- 29 Alok Kumar, Ruchi Jain-Dey, Bappaditya Dey, Singh, Monali Praharaj and William Bishai. Poster entitled: BCG overexpressing c-di-AMP imparts enhanced protection against pulmonary tuberculosis and attenuates bacterial dissemination at Keystone symposia: Tuberculosis: Translating Scientific Findings for Clinical and Public Health Impact (X7) (Poster presentation/Abstract published in conference proceedings)
- 30 Ruchi Jain Dey. Attended Winter Institute in Global Health – 2018, workshop organized jointly by BITS Pilani Hyderabad and PACE University, New York & Apollo Institute of Medical Sciences & Research
- 31 Ruchi Jain Dey, Participated in workshop, Participated, presented a talk and defended research proposal in workshop "Promoting Innovations in Individuals Start-ups and MSME" (PRISM) is the erstwhile "Technopreneur Promotion Programme" (TePP), organized by Department of Science and Technology, Govt. of India, DSIR Prism workshop. National/Department of Science and Technology, Govt. of India, DSIR Prism, Held in BITS Pilani Hyderabad; Jan 2018.
- 32 V. Sharma. Attended and Organised "Regional Young Investigators Meeting", Hyderabad, August 18-19, 2018
- 33 P. Suresh, N. Saketharam Reddy, R. Hariharan, I. Sreedhar, "Studies on Fluid Bed Granulation of Lactose-MCC Mixture", International Conference on Advances in Materials and Manufacturing Applications (IconAMMA) Amrita Univerity, 16-18th Aug (2018), Bengaluru, India.
- 34 I.Sreedhar, N. Saketharam Reddy, Shaik Abdur Rahman, Koti Phaneendra Govada, Drag Reduction Studies in water using Polymers and their combinations" International Conference on Advances in Materials and Manufacturing Applications (IconAMMA) Amrita Univerity, 16-18th Aug (2018), Bengaluru, India.
- 35 Satyapaul Singh, Giridhar Madras, I. Sreedhar, Role of transition metals substitution in Co<sub>3</sub>O<sub>4</sub>-ZrO<sub>2</sub> composites in methane combustion, 11th International Conference on Advanced Nano Materials (ANM), University of Aveiro, Aveiro, 18-20th July (2018), Portugal.
- 36 I.Sreedhar, A. Naga Divya Sree, Ch. Venkata Mayukha, P. Sneha Reddy, "6th International Conference Green, Growth, Globalization, Governance & GST (5G) Challenges and Opportunities", JKLU, 2-3rd Feb (2018), Jaipur, India
- 37 "Effect of enzyme treatment on Coir fibre". B. Sai Chandu and D. Purnima. EEC-2018, BITS-Pilani, Hyderabad Campus, Hyderabad, 16th February, 2018.
- 38 "Study of Thermoplastic Blend as Matrix for Fiber Reinforced Composites".

- 39 S. Aparna, Anurag R. Patil, and D.Purnima. EEC-2018, BITS-Pilani, Hyderabad Campus, Hyderabad, 16th February, 2018.
- 40 "Carbon fiber reinforced thermoplastic composites for under water applications". S. Aparna, D. Purnima and Ramesh Babu Adusumalli. ICCMA-2018, Hyderabad, 19th-20th January, 2018
- 41 Githin Tom Zacchariah, Debashis Panda, V. K. Surasani, "Lattice Boltzmann Modeling and Simulation of Isothermal Drying of Capillary Porous Media", In the Proceedings of 21st International Drying Symposium-IDS 2018, València, Spain, 11-14 September 2018.
- 42 Bithunshal U. B., Githin Tom Zacchariah, V. K. Surasani, Reactive Transport Modeling and Simulation of CO<sub>2</sub> Sequestration in Deccan Trap Basalt Formation, Interpore 2018, New Orleans, USA, 14-17 May, 2018.
- 43 Satyapaul A. Singh, Giridhar Madras and Sreedhar Inkollu, "Role of transition metals substitution in Co<sub>3</sub>O<sub>4</sub> - ZrO<sub>2</sub> composites for methane combustion" at 11th International Conference on Advanced Nano Materials, ANM – 2018 (18 - 20 July, 2018), University of Aveiro, Aveiro, Portugal.
- 44 ArunRaj B. T.Sathvika, V.Rajesh, N.Rajesh, Novel ion chromatographic method for determination of europium after its separation from other lanthanides, at 2nd International conference on Recent trends in analytical chemistry (ICORTAC 2018), Madras University, March 15-17, 2018.
- 45 T.Sathvika, V.Rajesh, N.Rajesh, Yeast immobilized in carbon nanotubes for the effective removal of Cr(VI), at Indian analytical Science Congress, M.G. University, Kottayam, Kerala, Feb 8-10, 2018.
- 46 ArunRaj B. T.Sathvika, V.Rajesh, N.Rajesh, Removal of europium from aq.solutions using *saccharomyces cerevisiae* immobilized in glutaraldehyde cross linked chitosan, at SESTEC 2018, DAE, BITS Pilani Goa campus May 23-26 2018.
- 47 ArunRaj B. T.Sathvika, V.Rajesh, N.Rajesh, Quantitative determination of Europium by ion chromatography using lactic acid as eluent, at Indian analytical Science Congress, M.G. University, Kottayam, Kerala, Feb 8-10, 2018.
- 48 Jagdeesh Kodali, N.Rajesh, Removal of herbicide 2,4-D using DEAE cellulose as adsorbent, at Indian analytical science congress, M.G. University, Kottayam, Kerala Feb 8-10, 2018.
- 49 ArunRaj B, T.Sathvika, V.Rajesh, N.Rajesh, Adsorption of Europium from aqueous medium using microbe immobilized biopolymers- a comparative study, at Analytical sciences at NCCCM, Nov30- Dec1, 2018
- 50 Sounak Roy, Paper Title: Structure & Dopant Sensitivity in deNO<sub>x</sub> Photocatalysis at 10th Singapore International Chemistry Conference 2018.
- 51 K.Srinivasa Raju, A.Vasan, D.V.Morankar, Evaluation of Irrigation Planning Strategies using PROMETHEE-2 and Multicriterion Q-Analysis, Research Frontiers in Precision Agriculture, AFITA/WCCA 2018 Conference on Research Frontiers in Precision Agriculture, October 24-26, 2018, Mumbai, India, 77-79.
- 52 Sowmith Reddy Ch R, K.Srinivasa Raju, A.Vasan, Discharge Forecasting of a Watershed using Wavelet Neural Networks, Global Water Security Conference for Agriculture and Natural Resources, An ASABE Global Initiative Conference, October 3-6, 2018, Hyderabad, India, pp.17-18.
- 53 R.Madhuri, K.Srinivasa Raju, Murari R R Varma, Best Management Practices in an Urban Flooding Scenario, National Symposium on Emerging Environmental Challenges: An Engineering Approach (EEC 2018), February 16, 2018, Hyderabad, India, pp. 101.
- 54 Sriraman Pankaj B, K.Srinivasa Raju, Evaluation of Rainfall-Runoff Model Structures in R Platform: Case Study, National Symposium on Emerging Environmental Challenges: An Engineering Approach (EEC 2018), February 16, 2018, Hyderabad, India, pp. 36
- 55 K.Srinivasa Raju, A.Vasan, J.Madhulika, P.Sai Hemantha Chowdary, Fuzzy Cognitive Mapping (FCM) Application to Climate Change and Water Resources Engineering, SWAT 2018 International Workshop and Conference, January 10-12, 2018, Chennai, India, pp. 33.
- 56 B Kaushik, P Jayasheel Varma, A Vasana, "Building Information Modeling for Sustainable Building Design", 2nd International Conference on Advances in Concrete, Structural & Geotechnical Engineering (ACSGE 2018), BITS Pilani, Pilani Campus, February 26-28, 2018. (Accepted).
- 57 M Naveen Naidu, A Vasana, Murari RR Varma, "Water Distribution Network Optimization – A Review", 50th IWWA Annual Convention 2018, Kala Academy, Panaji, Goa, February 19-21, 2018. (Accepted)
- 58 P Praneeth, A Vasana, K Srinivasa Raju, "Pipe Size Design Optimization of Water Distribution Networks Using Water Cycle Algorithm", 4th International Conference on Harmony search, Soft Computing and Applications (ICHSA 2018), BML Munjal University, Gurgaon, India, Feb 07-09, 2018. (Accepted).

- 59 K.Srinivasa Raju, A.Vasan, J.Madhulika, P.Sai Hemantha Chowdary, "Fuzzy Cognitive Mapping (FCM) Application to Climate Change and Water Resources Engineering", SWAT 2018 International Workshop and Conference, Indian Institute of Technology, Madras, Chennai, January 8-12, 2018. (Accepted)
- 60 V Venkataramayya, V Vinayaka Ram, S Krishnayya (2018), An integrated tool for aggregate blending for bituminous concrete layer using C# programming, National Conference on innovations in Civil Engineering through sustainable technologies (NICEST '18), Organised by MGIT, Hyderabad.
- 61 Prakash Mohan M M, Murari Raja Raja Varma and Rajitha Kanjirapuzha, Vamsi Nori, and Prudhvi Gunuputi. "A novel approach to estimate soil moisture content by using inputs from Surface Energy Balance Model (SEBAL)." SPIE Remote Sensing for Agriculture, Ecosystems, and Hydrology 2018 Berlin, 10 - 13 September 2018 (Accepted).
- 62 Prakash Mohan M M, Rajitha Kanjirapuzha, and Murari Raja Raja Varma. A novel approach to select anchor pixels in SEBAL model by using inputs from SAR images International Geoscience and Remote Sensing Symposium 2018 (IGARSS 2018). Valencia, Spain, 22-27 July 2018.
- 63 M Naveen Naidu, A Vasan and Murari R R Varma, (2018) Water Distribution Network Optimization – A Review, 50thIWWA Annual Convention 2018, Kala Academy, Panaji, Goa, February 19-21, 2018.
- 64 R.Madhuri, K.Srinivasa Raju, Murari R R Varma,(2018) Best Management Practices in an Urban Flooding Scenario, National Symposium on Emerging Environmental Challenges: An Engineering Approach (EEC 2018), February 16, 2018, Hyderabad, India, pp. 101
- 65 Dr Chandu Parimi presented at the International Conference on Structural Nonlinear Dynamics and Diagnosis (CSNDD 2018), Stick-Slip Phenomenon of Sliding Secondary Components and its Effect on the Horizontal Seismic Behavior of Single-Story Light Structures, Tangier, Morocco, June 25-27 2018.
- 66 Rutting Potential of Gap Graded Warm Mix Asphalt with Higher Percentage of Crumb Rubber
- 67 K. Sai Kubair; Shreyans R. Surana ; M. Venkata Sai Krishna ; Sridhar Raju , Ph.D. ; and V.Vinayaka Ram, Ph.D. Urbanization Challenges in Emerging Economies: Resilience and Sustainability of Infrastructure. 2018.
- 68 Rutting Potential of Half Warm Asphalt Mixture Using Polymer Modified Bitumen Emulsion Katla Bhanuprasad; Prateek Agarwal ; Sridhar Raju , Ph.D. ; and V. Vinayaka Ram , Ph.D.Urbanization Challenges in Emerging Economies: Resilience and Sustainability of Infrastructure. 2018.
- 69 Rajasugantha,, S. C. Mohan, U. Ramakrishna, Optimal Damper Connected Control Technique for Similar Buildings subjected to earthquake, 16th International Conference on Earthquake Engineering (16ECEE), June 18 - 21, 2018, Thessaloniki, Greece
- 70 Komaravolu, V.P., GuhaRay, A., Kar, A. and Tulluri S.K. (2018), "Subgrade Stabilisation using Alkali Activated binder treated Jute Geotextile", Indian Geotechnical Conference IGC 2018, IISc Bangalore, December 2018.
- 71 GuhaRay, A. and Zaid Md. (2018), "Assessment of Soil Liquefaction Resistance by Finite Element Approach", Indian Geotechnical Conference IGC 2018, IISc Bangalore, December 2018.
- 72 Mazhar, S., GuhaRay, A., Avinash, G.S.S. and Kar, A. (2018), "Geopolymerization Of Expansive Black Cotton Soils With Alkali Activated Binders", Indian Geotechnical Conference , IGC 2018, IISc Bangalore, December 2018.
- 73 Jayatheja, M., GuhaRay, A. and Kar, A. (2018), "Effect of Strain Rate on Shear Strength of Red Soil partially replaced with Building Derived Materials", Indian Geotechnical Conference IGC 2018, IISc Bangalore, December 2018.
- 74 GuhaRay, A. and Roy, A. (2018), "Reliability Analysis of Stone Column improved Soft Soil by Finite Element Approach", GeoMEast International Congress, Sustainable Civil Infrastructures: Structural Integrity 2018, Cairo, Egypt, 24-28th November, 2018, published as a book chapter in "Latest Thoughts in Ground Improvement Techniques" (Springer), pg. 39-50, [http://dx.doi.org/10.1007/978-3-030-01917-4\\_3](http://dx.doi.org/10.1007/978-3-030-01917-4_3).
- 75 Mazhar, S., GuhaRay, A., Avinash, G.S.S., Sirupa R. and Kar, A. (2018), "Geopolymerization Of Expansive Black Cotton Soils With Alkali Activated Binders", Conference on Geotechnics for Infrastructure Development, Kolkata, India, 27-28th July 2018.
- 76 Dr Anasua Guharay, Reliability Analysis of Foundation Systems Supported on Clay Subgrades of Different Strengths: A Finite Element Approach, International Foundations Congress Equipment Expo (IFCEE 2018), US, Orlando, March, 2018.
- 77 S. Gupta, A. Guharay, A. Kar, V.P. Komaravolu, 2018, "Effect of strain rate on interface friction angle between sand and alkali activated binder treated jute.", China – Europe Conference on Geotechnical Engineering, August 2018.

- 78 S. Ashok Kumar, A. Kar, A. GuhaRay, and N. James, 2018, "Experimental Studies On Physical Properties and Strength Response Of Construction and Demolition Wastes", Recent Advances in Structural Engineering, (SPRINGER), Vol. 1, Accepted as Book Chapter
- 79 Tewani, H.R., Kar, A., Ghosh, S., 2018, "Web-based Application to Predict Shrinkage for Concrete Containing Portland-Composite Cements", 2nd International Conference on Advances in Concrete, Structural, and Geotechnical Engineering (ACSGE 2018), BITS Pilani, Pilani Campus, Feb 26 - 28, 2018. Accepted as Book Chapter (Bloomsbury Publishing).
- 80 Chauhan, D. R., Ramagiri, K. K., Gupta, S., and Kar, A., 2018, "Evaluation of The Behavior of Reinforced Concrete with Alkali Activated Binders Exposed to Severely High Temperatures", 5th International fib Congress 2018, Oct 7 - 11, Melbourne, Australia. Accepted.
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- 82 Athira, G., Bahurudeen, A., Kumar, A.: Effective Utilization of waste Ash for Sustainable Cement Production in India. In: Recycle. IIT Guwahati, Guwahati (2018)
- 83 Nidhi S, Shankar Ram K, Kalyana Rama J S, "Application of Concrete Damage Plasticity model in strengthening the beam and column using UHPC and FRP-Numerical Study", Structural Engineering Convention-2018 (Accepted).
- 84 Aakash Reddy, Kalyana Rama J S, "Strengthening of shear deficient RC beams with CFRP and UHPC strips using damage plasticity model-A Numerical Study", Structural Engineering Convention-2018 (Accepted).
- 85 Sriraman Pankaj Boindala, Kalyana Rama J S, "Identifying appropriate damage parameters of Concrete Damage Plasticity Model for the analysis of Shear Wall", Structural Engineering Convention-2018(Accepted).
- 86 Saurabh J Patil, Himanshu Pal, Kalyana Rama J S, "Properties of Self-Compacting concrete with Alccofine, GGBS and Fly Ash-Plastic Viscosity Approach", UKIERI Concrete Congress (Accepted).
- 87 Life Cycle Assessment of Buildings with Supplementary Materials Shreyans R. Surana; J. S. Kalyana Rama; and Sridhar Raju, Ph.D. Urbanization Challenges in Emerging Economies: Resilience and Sustainability of Infrastructure. 2018
- 88 Kalyana Rama J S, Sivakumar M V N., Sai Kubair K., Vasana A., Ramachandra Murthy, "Influence of plastic viscosity of the mix on properties of SCC with river and crushed sand", Computers and Concrete.
- 89 Surender Singh Samant, 14th International Conference on Distributed Computing and Internet Technology (ICDCIT-, January 11-13, KIIT, India
- 90 Dr. Lov Kumar, 11th Innovations in Software Engineering Conference (ISEC), February 9-11 2018, Hyderabad, India
- 91 Dr. Subhrakanta Panda, 11th Innovations in Software Engineering Conference (ISEC), February 9-11 2018, Hyderabad, India
- 92 Gokul Kannan Sadasivam, Intelligent Task Assignment in Crowdsourcing Platform", International Conference on Towards Extensible and Adaptable Methods in Computing-TEAMC 2018, March 26-28 2018, Delhi, India
- 93 Dr. Lov Kumar, 11th Workshop on Recent Trends in Software Testing (RTST-2018), May 18-22 2018, KIIT, Bhubaneswar, India
- 94 Dr. Subhrakanta Panda, 11th Workshop on Recent Trends in Software Testing (RTST-2018), May 18-22 2018, KIIT, Bhubaneswar, India
- 95 Dr. N.L.Bhanu Murthy, 6th International Conference on Advanced Computing, Networking, and Informatics (ICACNI 2018), June 4-6 2018, NIT Silchar, India
- 96 Dr. Lov Kumar, Conference on Software Engineering and Data Science (CoSEDS 2018), June 20-21 2018, University of Kashmir, Srinagar, India
- 97 Dr. Lov Kumar, 42nd IEEE Computer Software and Applications Conference (COMPSAC) (paper presented (skype)), July 23-27 2018, Tokyo, Japan
- 98 Dr. Odelu Vanga, Sixth International Symposium on Security in Computing and Communications (SSCC'18), September 19-22, 2018, PES Institute of Technology (South Campus), Bangalore, India
- 99 Dr. Lov Kumar, International Conference on Computational Intelligence & IoT (ICCIoT) 2018, December 14-15 2018, National Institute of Technology Agartala, Tripura, India

- 100 Dr. Jabez Christopher, Sixth International Conference on Mining Intelligence and Knowledge Exploration (MIKE 2018), December 20-22 2018, Cluj - Napoca, Romania
- 101 Name of the Faculty, Name of The conference, Title of the paper, Conference date
- 102 Souvik Kundu, ICN 2018, Oxide Based Memristor and Its Potential Application in Analog-Digital Electronics, 12-13/11/2018
- 103 Souvik Kundu, ICNSE 2018, Incorporation of Copper for Performance Enhancement in Metal-Oxides Resistive Switching Device and Its Potential Electronic Application, 14-15/11/2018
- 104 Manish Narwaria, IEEE HiPC 2018, Convolutional Neural Networks for Predicting Highest Priority Functional, 17-20 Dec., 2018, Group in Organic Molecules
- 105 Sohan Dudala, Puneeth S B, Satish K. Dubey, Sanket Goel, Photonics 2018, Design of Fluorometric Lab-On-Chip Platform for Detection of Nitrite in Water, 12-14 Dec 2018
- 106 Runa Kumari, AESPC 2018, Metamaterial loaded Printed Antenna for Unmanned Aerial Vehicle Applications, 22-24 Oct. 2018
- 107 Sudha Radhika, Yukio Tamura, Masahiro Matsui, IEEE International conference on Geoscience and Remote Sensing Society, IGARSS 2018, Determination of degree of damage on building roofs due to wind disaster from close range remote sensing images using Texture Wavelet Analysis, 22-27 July 2018
- 108 Amar Kumar Verma, Sudha Radhika, S V Padmanabhan, IEEE International Conference on Recent Advances in Computational Systems, RAICS 2018, Wavelet Based Fault Diagnosis using Online MCSA of Stator Winding Faults due to Insulation Failure in Industrial Induction, Machine Detection and, 6-8 Dec, 2018
- 109 V. Vamsi, N. Abhinav, Amar Kumar Verma, and S. Radhika, IEEE International Conference on Computing Communication, Random Forest Based Real Time, and Automation, ICCCA 2018, Fault Monitoring System for Industries, 14-16 Dec, 2018
- 110 M. T. L. Gayatri, Alivelu M. Parimi, IEEE, 53rd International Universities Power Engineering Conference (UPEC 2018), Power Quality Improvement of PV-WECS Microgrid Using Active Power Filter in Real-time, Sept. 4-7, 2018
- 111 M. T. L. Gayatri, Alivelu M. Parimi, IEEE, 53rd International Universities Power Engineering Conference (UPEC 2018), Compensation of Voltage and Current Distortions in Multi Microgrid, Sept. 4-7, 2018
- 112 Vishnu Charan T., Alivelu M. Parimi, 4th IEEE International Conference on Electrical Energy Systems (ICEES-2018), Performance of IPFC in a 400kV Transmission Line, 7-9 February
- 113 Srinivasan Rajagopalan, Vishnu Charan Thippa, Alivelu Manga Parimi, IEEE ICEES-2018, Optimal Placement of the Interline Power Flow Controller using the Bees Algorithm to minimize power loss, 7-9 February
- 114 Vishnu Charan T., Alivelu M. Parimi, IEEE International Conference for Convergence in Technology (I2CT), Comparison of Interline Power Flow Controller with Line Reactor and SSSC in a 400kV Transmission Line, 7-8 APRIL
- 115 Mini P. Thomas: Services-trade led Growth in India: A balance of payments approach in International Conference on Development Challenges in India, Stella Maris College, Chennai, 30-31 January, 2018
- 116 Rishi Kumar: Factors behind Use of Institutional Delivery in India: An investigation in National seminar on Status of Education, Health and Environment in India, Kakatiya University, Warangal, Telangana, February 16-17, 2018
- 117 C Hussain Yaganti: Exchange Rate Forecast Enhancement using Sentiments from Google Trends in 54th Annual Conference of the Indian Econometric Society (TIES), Shri Mata Vaishnodevi University, Jammu, India, 7-9 March, 2018
- 118 Thota Nagaraju: The Determinants of Commercial Banks Profitability In India in 54th Annual Conference of the Indian Econometric Society (TIES), Shri Mata Vaishnodevi University, Jammu, India, 7-9 March, 2018
- 119 Rishi Kumar, Shravanth Mandava and GV Sandeep: Vocational Training in India: Determinants of Participation and Effect on Wages in 54th Annual Conference of the Indian Econometric Society (TIES), Shri Mata Vaishnodevi University, Jammu, India, 7-9 March, 2018
- 120 Sudatta Banerjee, Difference among High and Low Performers in Schools in 54th Annual Conference of the Indian Econometric Society (TIES), Shri Mata Vaishnodevi University, Jammu, India, 7-9 March, 2018
- 121 Bheemeshwar Reddy A: Who Marries Whom in India? Changes in Educational Assortative Marriage, 1983–2012, in 2018 Annual Meeting, Population Association of America, Sheraton, Denver, USA, 26-28 April, 2018

- 122 Mini P. Thomas and Kapil Bishnoi: International Trade between India and Brazil: Study into the Emerging Pattern and its Determinants in 28th Annual Conference of International Trade and Finance Association Beijing, China, 23-25 May, 2018
- 123 Sudatta Banerjee, Effect of Quality Composition of Human Capital on Economic Growth. A study of the Indian states in 2018 RSAI World Congress, BITS Pilani, KK Birla Goa Campus, India, 29 May - 1 June, 2018
- 124 Swati Alok, Sudatta Banerjee and Srujana G.: Determinants to build a more inclusive women talent pipeline: A study among IT career persistent women from Hyderabad, India in International Conference on Gender, Feminist and Women's Studies, ITAR, Amravathi, India, 3 June, 2018
- 125 Swati Alok and Rishi Kumar: Determinants of conflict style and its variation across North & South Indians: Role of Cultural and Individual dimensions in 4th Singapore international conference on social science and humanities (ICSSH), Nanyang Technological University (NTU), Singapore, 12-13 June, 2018
- 126 Swati Alok, Sudatta Banerjee and Swati Singh, Career Identity and Career Commitment, mediating role of Career hope and optimism: Issues of career sustainability for women employees in IT Sector in International Conference on Sustainable Human Resource Management, School of Management Studies, University of Hyderabad, 1 November, 2018
- 127 Rishi Kumar and Supriya Lakhtakia: Do empowered women have healthy children: An investigation into women empowerment and stunting using NFHS IV data, in Towards Improving Nutrition Outcomes in India, Conference organized by SPANDAN research initiative, IGIDR, Mumbai, 8-10 November, 2018
- 128 Sunny Kumar Singh: Does Increase in Central Bank Independence reduce Corruption? Evidence from a Panel of Countries in 88th Annual Conference, Southern Economic Association, Washington DC, USA, 18-20 November, 2018
- 129 Sunny Kumar Singh: Does Corruption effect Financial Risk? A Firm level Evidence in 88th Annual Conference, Southern Economic Association, Washington DC, USA, 18-20 November, 2018
- 130 Ajay Prasad Adepu, Niranjn Swain and C.H. Yaganti: Financial Markets Integration in India: An empirical Analysis in PANIITIMC2018, IIT Roorkee, 30 November – 2 December, 2018
- 131 Sonia Antil, Niranjn Swain and K. Ramesha: An investigation into indicators impacting financial inclusion among small and marginal farmers in India: A case study of Punjab, Haryana and Rajasthan in PANIITIMC2018, IIT Roorkee, 30 November – 2 December, 2018.
- 132 Sonia Antil, Niranjn Swain and K. Ramesha: Drivers of financial inclusion among small and marginal farmers in India: An empirical investigation in 12th ISDSI Conference, SPJIMR, 27 December- 30 December, 2018
- 133 Suchismita Satpathy participated in DST-NWO Sandpit - Urban Water Systems: towards sustainable and integrated urban water management systems in fast-growing secondary cities, held in Delhi, India during November 26-30, 2018, by the Department of Science and Technology, India in collaboration with Netherlands Organization for Scientific Research.
- 134 Suchismita Satpathy presented a paper in EWIS workshop on Aesthetic Cities: Everyday, International, Urban, titled "What architecture symbolises in urban space: a study of Bhubaneswar, India, during June 6th-9th 2018, at Groningen University, Netherlands
- 135 Suchismita Satpathy presented a paper, Can Caste-based Segregation and Access to Basic Amenities be Linked?: A Study of the Pune City", at "In Otto Königsberger's footsteps –encouraging collaboration between cities and universities" Pune, 11th May 2018, Indian Institute of Science Education and Research, Pune.
- 136 Suchismita Satpathy attended a Symposium on "Rethinking Globalisation: Economy and Development" Bengaluru, Karnataka on June 30, 2018.
- 137 Santosh Mahapatra presented a paper, Assessment in an English for Engineering Course: A Case Study, at Two-Day International Conference on 'Inclusive and Equitable Quality Education in ELT', organized jointly by SSN College of Engineering and Anna University in Chennai, October 26-27, 2018.
- 138 Santosh Mahapatra presented a paper, Impact of teachers' CLAL on students' performance, at 52nd Annual International IATEFL Conference & Exhibition, Brighton, UK, April 9-13, 2018.
- 139 Dr. Lavanya Suresh presented a paper titled "The Political Economy of Decentralisation and Forest Resource Management (FRM): A Study of the Effectiveness of Decentralised FRM Institutions" at the Asia Region Biennial International Association Study of the Commons Conference on "Redefining Diversity and Dynamism of Natural Resource Management in Asia", on 13-16, July, 2018, AIT, Thailand.



- 140 Dr. Lavanya Suresh presented a paper titled “Ecological Romanticism and Farmer’s Protest in Tamil Nadu, India: The Bull and The River” at the international conference on Authoritarian Populism and the Rural World, on 17-18 March, 2018. The conference was organized by Emancipatory Rural Politics Initiative (ERPI) at the International Institute of Social Studies (ISS) of Erasmus University, The Hague.
- 141 Maya Vinai presented a paper titled Defying the ‘Difference’: Understanding the Scamper for Space amongst the Migrant Middle class in Mumbai through literary representations in Universiti Sains Malaysia (USM), Penang in the ICL 2018 on 26th July 2018.
- 142 Kopal Khare and Sunny Jose presented a paper “Closing the Access Loop: Situating Post-Infrastructural Assurance Circumstances in Rural Sanitation” at the 8th International Conference on Sustainable Waste Management, organised by International Society of Waste Management, Air and Water (ISWMAW) during 22-25 November, 2018 at Acharya Nagarjuna University, Guntur, Andhra Pradesh. Received the IConSWM-Springer Excellence Paper Award 2018.
- 143 V. Vidhu Kiran, V Bhuvanesh, Pawan Kumar Chauhan, Piyush Lalwani, Vaibhav Sharma, Siva Prasad AVS, R. Sujith, “Hydrogen adsorption in graphene sheets: Experimental investigation and numerical simulations”. 12th International Conference on Ceramic Materials and Components for Energy and Environmental Applications, NUS Singapore. International, July, 2018.
- 144 I.Vamsi, G.R. Sabareesh, Vaibhav Sharma, “Integrated Vibro-acoustic analysis and empirical mode decomposition for fault diagnosis of gears in a wind turbine”. 2nd International Conference on Structural Integrity and Exhibition 2018, DMRL, Hyderabad, International, Aug, 2018
- 145 Sreeram Rajesh, K. Shruti, G.R. Sabareesh, P.N. Rao, “Study of Interference effects on Wind Turbine Structures”. 7th International and 45th National Conference on Fluid Mechanics and Fluid Power, IIT Bombay. International, Dec, 2018.
- 146 K. Shruti, Sreeram Rajesh, G.R. Sabareesh, P.N. Rao, “Study of Interference effects on Chimneys”. International Conference on Recent Advances in Fluid and Thermal Sciences, BITS-Pilani, Dubai, International, Dec, 2018
- 147 K. Shruti, G.R. Sabareesh, P.N. Rao, “Mitigating wind induced disasters on a group of buildings and cooling towers due to interference effect”. International Workshop on wind related disasters and mitigation, Sendai, Japan, International, March, 2018
- 148 K. Shruti, P.N. Rao, Sabareesh G R, “Across wind load analysis using CFD for sustainable”. Geomast 2018, International Congress and Exhibition -Sustainable Civil Infrastructure, Egypt, International, Nov, 2018.
- 149 S. Ramasamy, G. A. Kulkarni, P. K. Penumakala, A.K. Nallathambi, H. Bottcher, E. Specht, “Influence of water cooling on stresses in DC casting of aluminum alloys” SWAYAM 2018, BITS-Pilani, Goa, National, July, 2018.
- 150 H. Patel, P.K. Penumakala, D. Patel, “Properties of three phase magneto-electro-thermo-elastic composites”. International Conference on Recent Advances in Materials, MLRIT, India, International, November, 2018.
- 151 Madan Mohan Reddy N, Kiran CP, “Investigating the effect of metal working fluid in orthogonal cutting of AISI 420 stainless steel using 3-dimensional finite element model”. First International Conference on Emerging Trends in Mechanical Engineering, (ICETME-2018)20 – 22 December, 2018, International, December, 2018.
- 152 Kush Dwedi, Supradeepan K, “A Review of Space-Time Conservation element solution element (CESE) schemes”. International Conference on Recent Advances in Fluid and Thermal Sciences, BITS-Pilani, Dubai, International, Dec, 2018.
- 153 Ankammarao P., Jalaiah N., Parameshwaran R., “Energy Conversion and Storage Characteristics of Salt Hydrates Towards Thermochemical Energy Storage Applications”. 2nd International Conference on Recent Trends in Materials Science and Technology, October 10-13, 2018, Thiruvananthapuram Kerala India. International, Oct, 2018.
- 154 Ankammarao P., Jalaiah N., Parameshwaran R., “Evaluation of reaction characteristics of Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>.5H<sub>2</sub>O for thermochemical energy storage” International Conference on Advanced Materials, Energy & Environmental Sustainability, December 14-15, 2018 Dehradun, Uttarakhand India, International, Dec, 2018.
- 155 Deepak Nabapure, Jayesh Sanwal, K. Ram Chandra Murthy & Sreeram Rajesh, “DSMC Simulation of Rarefied Gas Flow in a Single-sided and Double-sided Lid-Driven Cavity”. Proceedings of the 7th

- International and 45th National Conference on Fluid Mechanics and Fluid Power (FMFP), Dec 2018, IIT Bombay, Mumbai, India, International, Dec, 2018.
- 156 Deepak Nabapure, Jayesh Sanwal, Sreeram Rajesh & K Ram Chandra Murthy, "Investigation of Subsonic and Hypersonic Rarefied Gas Flow over a Backward Facing Step". Dec 2018 iCRAFT, Dubai, U.A.E., International, Dec, 2018.
- 157 G. Lakshmi Srinivas, C. Joshua Amrith Raj & Arshad Javed, "Topology Optimization of Rotating Mechanical Members". 1st Symposium and Workshop for Analytical Youth on Applied Mechanics(SWAYAM), BITS Pilani, K. K. Birla Goa Campus. National, July, 2018.
- 158 Lanka Tata Rao, K Aravind, Satish Kumar Dubey & Arshad Javed, "Numerical Simulation and Optimization of Micromixer Performance". 1st Symposium and Workshop for Analytical Youth on Applied Mechanics(SWAYAM), BITS Pilani, K. K. Birla Goa Campus. National, August, 2018.
- 159 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". Journal of Physics: Conference Series, Vol 1063(1). 2018.
- 160 Wahed M.A., Gupta A.K., Singh S.K., Kotkunde N. "Effect of anisotropy on mechanical properties of Ti-6Al-4V in superplastic region" IOP Conference Series: Materials Science and Engineering, Vol 346(1), 2018.
- 161 Kotkunde N., Krishnamurthy H.N., Gupta A.K., Singh S.K. "Study of Hot Deformation Behavior Using Phenomenological Based Constitutive Model for Austenitic Stainless Steel 316" ICMPC 2017, Materials Today: Proceedings, Vol 5(2), p. 4870-4877, 2018.
- 162 Srinivas MORAPAKALA1, PRUDHVIRAJ SUNKARA2, REDDY KS, AYUSH VARSHNEY, NAVANEETH KUNCHAM. "Alternate Processes for Energy Efficiency in Non-Centrifugal Cane Sugar Industry-An Analytical Study" •17th international conference on sustainable energy technologies, SET 2018. The conference was organised by world society of sustainable technologies and Hubei university of technology at Wuhan, China during 21st -23rd August 2018. International, August, 2018.
- 163 Morapakala Srinivas, Sunkara Prudhvi Raj 2, Louis F Marie, K SReddy, Tadhg S O'Donovan, "Assessment of optimum energy demand for non-centrifugal sugar production through an alternate process". International Conference on Recent Advances in Fluid and Thermal Sciences, iCRAFT 2018. The conference had happened at BITS Pilani Dubai campus during 05th - 07th December 2018 at Dubai, UAE. International, December, 2018.
- 164 Saikiranmai Gorla, Sriharshitha Velivelli, Dipak Kumar Satpathi, N.L. Bhanu Murthy, Aruna Malapati: Named Entity Recognition using Part-of-Speech Rules for Telugu. Presented in ICACNI 2018 held at NIT Silchar during 4th – 6th June, 2018.
- 165 Selva Kumat V., Dipak Kumar Satpathi, P.T.V. Praveen Kumar, V.V. Haragopal: Forecasting using ARIMA model for Motor Insurance Claim Data. Presented in XXVII Annual Congress of APTSMS & National Conference on Recent Advances in Mathematics held at Department of Mathematics, Maris Stella College, Vijayawada during 8th – 10th December, 2018.
- 166 B. Mishra presented a paper titled "String Cosmological Models in  $f(R, T)$  Gravity with Hybrid Scale Factor" in International Conference on String Math – 2018 held at Tohoku University, Sendai, Japan, during 18th – 22nd June, 2018.
- 167 Dr Manish Kumar presented a paper titled "Two Stage Hyper-Chaotic System Based Image Encryption in Wavelet Packet Domain for Wireless Communication Systems" in International Congress of Mathematicians (ICM) 2018 held at Rio de Janeiro, Brazil during 1st – 9th August, 2018.
- 168 Karthik A., Sashank K., T.S.L. Radhika: A Study On the Effect of Various Fluid, Flow and Mechanical Parameters on the Flow of Newtonian Fluid in an Expanding and Contracting Pipe. Presented in ICACM - 2018 held at IIT, Kharagpur during 23rd – 25th November, 2018.
- 169 Dr Sumit Kumar Vishwakarma presented a paper titled "On Love Frequency Under the Influence of Shear Moduli, Initial Stress and Density of Orthotropic Half Space" in Fourth International Conference on Mathematics and Computing (ICMC - 2018) at IIT-BHU, Varanasi during 9th – 11th January, 2018.
- 170 Dr Sharan Gopal presented an article titled, "Characterising the sets of periodic points for solenoidal automorphisms" at the 52nd Spring Topology and Dynamical Systems Conference held at Auburn University, Auburn, Alabama, USA during 14th – 17th March, 2018.
- 171 Russell Quadros, Srikanth S., Anil Nemili, Matteo Bernardini: Sensitivity analysis for active control of transonic airfoil buffet. Presented in 71st Annual American Physical Society (APS) Division of Fluid Dynamics (DFD) meeting held at Atlanta, Georgia, USA during 18th - 20th November, 2018.

- 172 V.V. Haragopal presented a paper titled "Exact determination of Eigen values" in the Telangana Science congress held at NIT Warangal during December, 2018.
- 173 Santanu Koley presented an article titled "Integral Equation Technique for Hydroelastic Analysis of a Submerged Flexible Plate" in International Conference on Applied and Computational Mathematics held at IIT Kharagpur during 23rd – 25th November, 2018.
- 174 Santanu Koley presented an article titled "Wave Trapping by Trapezoidal Porous Breakwater" in 63rd Indian Society of Theoretical and Applied Mechanics (ISTAM) held at Dayanand Sagar University, Bengaluru during 20th – 23rd December, 2018.
- 175 Koley, S., Panduranga, K., Satpathi, D.: Convergence of Eigenfunction Expansions for Membrane Coupled Gravity Waves. Presented in 63rd Indian Society of Theoretical and Applied Mechanics (ISTAM) held at Dayanand Sagar University, Bengaluru during 20th – 23rd December, 2018.
- 176 Yogeewari.P, Multiple crystal structure modeling in structure-based drug discovery: Case studies on successful diverse lead identification. 18th International Conference on Medicinal and Pharmaceutical Chemistry, 18-19 October 2018, Dubai.
- 177 Sajeli Begum. A, GPS-Aided Study of Larval Indices of *Aedes aegypti* and Analysis of Risk of Dengue Outbreak. Interdisciplinary Conference on Healthcare and Technical Research, Manipal. Oct 29-31, 2018
- 178 Sajeli Begum. A, Extraction and purification of bromelain from pineapple waste. National Symposium on "Emerging Environmental Challenges: An Engineering Approach (EEC-2018)", BITS-Pilani, Hyderabad Campus, India, 16th Feb 2018
- 179 Sajeli Begum. A, Tumor Necrosis Factor-alpha inhibitory activity of *H.piniifolia*. 24th ISCB International Conference, Manipal University, India. 11-13th Jan 2018
- 180 Sajeli Begum. A, Analysis of chemical constituents of *Oldenlandia umbellata*. 24th ISCB International Conference, Manipal University, India. 11-13th Jan 2018
- 181 Sajeli Begum. A, Natural Diketopiperazines as TNF  $\alpha$  and IL 6 inhibitors. Pharmacology 2018 – British Pharmacological Society, London, UK. Dec 18 – 20, 2018
- 182 Sajeli Begum. A, 7,8- Dihydroxy-4-methyl coumarin as pro-inflammatory cytokine inhibitors. Pharmacology 2018 – British Pharmacological Society, London, UK. Dec 18 – 20, 2018.
- 183 Anjana Saju, Srijanaki Paravastu Pattarabhiran, Kanchan Sonawane, Raghuraman Manimaran, Girdhari Roy, Shubhmita Bhatnagar, Venkata Vamsi Krishna Venuganti. Transcutaneous delivery of tetanus toxoid antigen using calcium phosphate nanoparticles entrapped dissolvable microneedle patch. Nanobioteck 2018, 24th - 27th October, 2018, New Delhi.
- 184 Sudeep Kumar Gade, Richard Hoskins, Shephen Rimmer, Prashant Garg, Venkata Vamsi Krishna Venuganti. Corneal penetration of functionalized poly(N-isopropylacrylamide) (PNIPAM) polymers. ARVO Annual Meeting, 27th - 29th April, 2018, Hawaii, USA.
- 185 Shubhmita Bhatnagar, Pooja Kumari, Srijanaki Paravastu Pattarabhiran, Venkata Vamsi Krishna Venuganti. Zein Microneedles for Delivery of Gemcitabine. CRS India Chapter, Feb' 24-25, 2018, Mumbai, India.
- 186 Balam Ghosh, Modified Albumin nanoparticles for the delivery of Curcumin in cancer: Bobde Y, Kumari P, Biswas S, Ghosh B: 16th International Symposium organized by Controlled Release Society (CRS) Indian Chapter, Mumbai 400 059, February 23-24 February, 2018
- 187 Bhat A, Mangali SB, Wei X, Dhar A, Role of DNA polymerase in maintaining genomic instability in human cells, at 43rd annual meeting of Indian Society of Human Genetics.
- 188 Nirmal J, Barathi V, Ravichandiran V, Venkatraman S, Agrawal R. Efficacy of Subconjunctival Aflibercept in Choroidal Neovascularization (CNV) Mice Model. Presented in ARVO annual meeting held in Hawaii, USA, May 2018.
- 189 Ridahunlang Nongkhlaw, Vaidehi Garg, Gaurav Jain, Jayabalan Nirmal. Transporter Targeted Ocular Delivery system to improve ocular bioavailability of drugs. Indian Eye Research Group (IERG) annual meeting (ARVO, Indian chapter), Hyderabad, July 2018
- 190 N.V.S.S. Seshagiri Rao, V. Satya Narayana Murthy "Formation of multivortex states in CoFe rectangular and square nanostructures", presented in international conference on magnetism and magnetic materials 2018 held at NISER, Bhubaneswar.
- 191 Study of photon blockade effect in double quantum dot in a semiconductor microcavity, M. Singh, P. Jha and A. B. Bhattacharjee, Optical Society of India-International Symposium on Optics (OSI-ISO 2018), 19-22 Sep. 2018, I.I.T Kanpur, OSI-ISO 2018 Manuscript No. 107, page 226-232, Book of Abstracts.

- 192 Dynamics of non-equilibrium two-mode Dicke model, A. B. Bhattacharjee and Deepti Sharma, Optical Society of India-International Symposium on Optics (OSI-ISO 2018), 19-22 Sep. 2018, I.I.T Kanpur, OSI-ISO 2018 Manuscript No. 8, page 55-59, Book of Abstracts.
- 193 Nobel metal oxide nano-particles for conservation and preservation of wall paintings, S. Dudeja, A. B. Bhattacharjee et al., Conference on preventive conservation and management of wall paintings in historic buildings, 16-17 Oct. 2018, Indira Gandhi National Centre for Arts, New Delhi.
- 194 Application of nano-materials for preventive conservation, S. Dudeja and A. B. Bhattacharjee et al., International conference on frontiers at Chemistry-Allied sciences interface (FCASI-2018), University of Rajasthan, Jaipur, 21-22 Dec. 2018. Poster No. A-434

#### DUBAI CAMPUS

1. Abdul Wasee, Rajib Ghosh Chaudhuri, Prakash Kumar, Eldhose Iype. "A study on distance based representation of molecules for statistical learning". International Conference on Computational Vision and Bio Inspired Computing, Coimbatore, India, 29-30 November 2018 (online oral presentation).
2. Taqdees Imtiaz, K. Kumar and B B Gulyani, "Experimental Investigation and Simulation of Convective Heat Transfer in a Solar Still", International Conference on Recent Advances in Fluid & Thermal Sciences (iCRAFT 2018), BITS Pilani, Dubai Campus, 5-7 Dec 2018 (oral presentation, proceeding page-34).
3. Bharat Gulyani and Nishant Pandya, "On the Similarity of Area Targets and Shells Targets in Heat Exchanger Networks", International Conference on Recent Advances in Fluid & Thermal Sciences (iCRAFT 2018), BITS Pilani, Dubai Campus, 5-7 Dec 2018 (oral presentation, proceeding page-43).
4. Allan Barbosa, Rajib Ghosh Chaudhuri, Eldhose Iype, Thirumavalavan K, Ramachandran S and B. G. Prakash Kumar, "Bio-Fuels From Vegetable Waste", International Conference on Recent Advances in Fluid & Thermal Sciences (iCRAFT 2018), BITS Pilani, Dubai Campus, 5-7 Dec 2018 (poster presentation, proceeding page-62).
5. Farmeena Zulfikher, Anna Joy, Rajib Ghosh Chaudhuri, Eldhose Iype, and B. G. Prakash Kumar, "A Study On Effect Of Temperature On Total Dissolved Solids In Reverse Osmosis Reject Water", International Conference on Recent Advances in Fluid & Thermal Sciences (iCRAFT 2018), BITS Pilani, Dubai Campus, 5-7 Dec 2018 (poster presentation, proceeding page-29).
6. Charde, M., Gupta, R., Vemuri, A., Thermal Performance Evaluation of Designed Passive Building Elements in Composite Climate: An Experimental Study 1st Latin American Conference on Sustainable Development of Energy, Water and Environment Systems, -Rio de Janeiro, Brazil. 2018 January 28 – 31.
7. Rajendran, N., Charde, M., 2018 Smart Technology used for Active Daylighting Techniques mainly based on Smart Windows, Artificial Lighting and Daylight Harvesting 1st Latin American Conference on Sustainable Development of Energy, Water and Environment Systems, - Rio de Janeiro, Brazil. 2018 January 28 – 31.
8. Upasana Chakraborty, Mary Lourde R, Feature Extraction and Classification of Epileptic EEG signals using Wavelet transforms and Artificial Neural Networks, Springer International conference in International conference in Computational Vision and Bio-engineering ISMAC CVB 2018, pp 1456-1465, May-18.
9. Amrithaa Sheshadri, Mary Lourde R., Enhancement of M51 Image to extract the Spectral Features for classification of stars using HR diagram", International Conference on Communication and Signal Processing ICCSP 2018, Chennai, India. Elsevier Publication, pp 662 - 666, April 3-5, 2018.
10. Madhurya Kodialbail Divakara and A.R. Abdul Rajak, Throughput analysis in mobile adhoc network: a literature survey, 3rd International Conference on Design, Engineering and Science (ICDES 2018), Barcelona, Spain, February 22-25, 2018.
11. Anne Joshy, R Swarnalatha ,Seyed Ibrahim Ali, Moving Object Detection Using PCA Algorithm, International Conference on ISMAC in Computational Vision and Bio-Engineering (ISMACH -CVB 2018) organized by SCAD Institute of Technology, Palladam, Tamilnadu, 16-17 May, 2018.
12. Swetha Sivakumar and R. Gomathi Bhavani, Image processing based system for intrusion detection and home security enhancement, 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2018), Bangalore , pp 1676- 1680, May 18-19, 2018.
13. Steve Lobo and R.Gomathi Bhavani, Performance and Comparative Analysis of a Medium Sized, Grid Connected Photovoltaic System for Some Locations in the UAE, Proceedings of 2018 IEEE PES Innovative Smart Grid Technologies Asia (ISGT Asia), Singapore, IEEE Power & Energy Society, pp.1215- 1220, May 22- 25, 2018.
14. A. Mir and Vilas H Gaidhane, Deriving energy from far field RF signal, IEEE Proceeding International Conference on Electrical and Computing Technologies and Applications (ICECTA), American University, Ras Al Khaimah, UAE, pp 1-4, 2018.
15. Shamith L Saldanha.,V Kalaichelvi and R Karthikeyan, Prediction Analysis of Weld-Bead and Heat Affected Zone in TIG welding using Artificial Neural Networks, IOP Conf. Series: Materials Science and Engineering, Vol. 346., 012038 doi:10.1088/1757-899X/346/1/012038, pp 1-8, Mar 2018.

16. Don Joe Martin., Aaditya Saraiya.,V.Kalaichelvi., R.Karthikeyan, Vision-Based Forward Kinematics Using ANN for Weld Line Detection with a 5-DOF Robot Manipulator, Advanced Computational and Communication Paradigms Series, Title: Advs in Intelligent Syst., Computing, pp 309-318, Mar 2018.
17. Ketul Patel, Kalaichelvi,V.,Karthikeyan,R.,& Sriparvathi Bhattathiri, Modelling and Simulation of Incremental Sheet Metal Forming Process using CNC Machine Tool, 46th SME North American Manufacturing Research Conference, NAMRC 46, Texas, USA., Procedia Manufacturing ,Vol. 26, 95-106, Jul 2018.
18. Srinath Hanumanth Rao., V.Kalaichelvi.,R.Karthikeyan, Real-Time Tracing Of A Weld Line Using Artificial Neural Network, 17th IEEE/ACIS International Conference on Computer and Information Science, ICIS 2018, Singapore, pp 275-280, June 6-8,2018.
19. Ankita Rane, Anand Kumar, Sentiment Classification System of Twitter Data for US Airline Service Analysis, 2018 IEEE 42nd Annual Computer Software and Applications Conference (COMPSAC) , Vol 01, pp 769 - 773 Jul 2018.
20. Saptadeep Debanath, Mary Lourde R., "Design and Development of a Non-Linear Controller for Quadrotor type Unmanned Aerial Vehicle "Proceedings of 3rd IEEE international Conference on Inventive computation Technologies, ICICT '18 Coimbatore India, Nov. 2018, pp. 61-65.
21. Abhishek Anil Mungekar, V.Kalaichelvi and R.Karthikeyan., Intelligent Control Approach for Fluid Power Transmission of a Wind Turbine System, International Conference on Recent Advances in Fluid and Thermal Sciences (iCRAFT2018), BITS Pilani,Dubai Campus ,Dec 5-7, 2018.
22. Rajeswari Somasundaram, Somasundaram Arumugam, Nishrin Abdul Gafoor, Trupti Gokhale Swarup, Neeru Sood and S. Arumugam; A computational approach to identify the role of potassium transporter in barley plant; International Conference on Theoretical Computer Science and Discrete Mathematics (ICTCSDM 2018) Organized by Department of Mathematics SSN College of Engineering Chennai, INDIA on December 03 - 05, 2018
23. Anushka Lydia Isaac and Shariff DJ, poster presentation on "Use of genomics in the diagnosis of diseases" at NYU Abu Dhabi – Center for Genomics and Systems Biology, Abu Dhabi, U.A.E. on Feb 6-8, 2018.
24. Sidra Raihan and Trupti Gokhale, X-chromosomal Inactivation: new players in Gene Silencing, Genome Systems VIII, Organized by Centre for Genomics and Systems Biology, New York University Abu Dhabi, UAE during 7th- 8th February 2018.
25. D J Shariff and Mohamed Atyab, paper presentation on 'Social media - its influence on the thoughts, beliefs and actions of young adults of UAE' at International Conference on Media, Culture and Ethics 2018 organized by Department of Humanities & Social Sciences, BITS Pilani, Pilani Campus, during 9-10th February 2018
26. Bajpai, Priti., & Maneesha, Analyzing Effect of Social Media on Academic Performance of University Graduates. 2018, The 3rd International Conference on Information and Education Innovations(ICIEI 2018), London, United Kingdom, 30June- 2July, 2018
27. Abinaya Arunachalam and Geetha Kannan, Comparative Study on Extraction and Quantification of Phytochemicals from Biomass, Current Trends in Biotechnology-CTBT 2018, Manipal Academy of Higher Education, Dubai Campus, April 18-19, 2018
28. AkshaiA,Ramachandran S, Geetha K, Rajib Ghosh Chaudhuri, Khalil Ur Rahman and B G Prakash Kumar, Sustainable Energy from Napier Grass, Current Trends in Biotechnology-CTBT 2018, Manipal Academy of Higher Education, Dubai Campus, April 18-19, 2018
29. Monica Isukapalli Geetha Kannan, Khalil ur Rahman , B.G.Prakash Kumar and S.Ramachandran, Evaluation of Water Retention Capacity of Soil Amended with Biochar, Current Trends in Biotechnology-CTBT 2018, Manipal Academy of Higher Education, Dubai Campus, April 18-19, 2018
30. Shaunak Vikram Potdar, Mohamed Shazin, and Geetha Kannan, Harvesting Energy from Microorganism using a Microbial Fuel Cell, Current Trends in Biotechnology-CTBT 2018, Manipal Academy of Higher Education, Dubai Campus, April 18-19, 2018
31. Shaunak V Potdar, Mohamed Shazin and Geetha Kannan. A Sustainable Energy Source From Microbes Using a MFC, International Conference on Recent Advances in Fluid and Thermal Sciences (iCRAFT2018), Dec 5-7, 2018
32. A Somasundaram, Secure Domination in Graphs, International Conference on Discrete Mathematics and its Applications to Network Science. BITS Pilani, Goa Campus, July 7-10, 2018
33. A Somasundaram, Domination Subdivision number of a graph, Sixtieth Midwest Graph Theory Conference, Purdue University, Fort Wayne, September 28-29, 2018
34. S. Rajeswari, A. Somasundaram, Nishrin Abdul Gafoor,Trupti Gokhele Swarup, Neeru Sood and S. Arumugam, A computational approach to identify the role of potassium transporter in barley, International Conference on Therotical Computer Science and Discrete Mathematics December 03-05, 2018, SSN College of Engineering (SSNCE), Chennai, December 03-05, 2018
35. Sartaj Rasool Rather. Do Prices Rise Faster than they Fall – Evidence from India, Annual Conference of The Indian Econometric Society (TIES), 7-9 March, 2018, SMVDU Jammu, India,

- 36 Akshaya Kalyanaraman, Abbinaya Kalyanaraman and Shazi Shah Jabeen 'Language Socialization in Virtual Communities', 7th Annual International Conference on Language, Literature and Linguistics (L3) 2018, organized by Global Science and Technology Forum, Singapore, 11-12 June 2018.

### Faculty Research Area

**Pilani Campus:**

Department	Name of faculty	Research Area
<b>Biological Sciences</b>	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	
<b>Chemical Engineering</b>	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, Proess, Modelling and Simulation, Educational Administration, Univeristy – 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 <sub>2</sub> 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 <sub>2</sub> 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.
<b>Chemical Engineering</b>	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
<b>Chemistry</b>	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
<b>Civil Engineering</b>	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. Shamsheer 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. Kamalesh 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
<b>Economics and Finance</b>	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
<b>Department of Electrical and Electronics Engineering</b>	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 Gurunaryanan	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
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	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	
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	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

<b>Management</b>	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
<b>Mathematics</b>	Balram Dubey	Mathematical Modelling
	C.B. Gupta	Statistical Inference, Operations research
	Rajiv Kumar	Differential Equations, Nonlinear Analysis
	P H Keskar	Algebra, Algebraic Geometry
<b>Mathematics</b>	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
<b>Pharmacy</b>	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
<b>Physics</b>	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
<b>Computer Science &amp; Information Systems</b>	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.
<b>Mechanical Engineering</b>	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
	<i>Keyur B Joshi</i>	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
<b>Biological Sciences</b>	Utpal Roy	Applied and Theoretical Research on Antimicrobials
	Meenal Kowshik	Nanobiotechnology
	Judith Maria Braganca	Biodiversity and Biotechnology of Archaea
	M. Srikanth	Bioremediation
	Veeky Baths	Cognitive Neuroscience, Computational Systems Biology, Computational Neuroscience
	Anasuya Ganguly	Cell and Molecular Biology
	Dibakar Chakrabarty	Drug leads from animal toxins
	Vijayashree Nayak	Nanobiotechnology
	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
	Arnab Banerjee	Biology of reproduction
	Raviprasad Aduri	Biophysics and Computational Biology
	Sandhya Mehrotra	Plant Biotechnology
	Rajesh Mehrotra	Plant Biotechnology
Tusar Tirtha Saha	Insect Molecular Biology & Arthropod Genomics and Disease Vector Biology	
<b>Chemical Engineering</b>	Saroj Sundar Baral	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 CO <sub>2</sub> 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, CO <sub>2</sub> conversion to useful products, Process Intensification in Separation and reactor systems)
	Sutapa Roy Ramanan	Nano-biomaterials for labeling and drug delivery, electroceramic nano 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.
	Jegatha Nambi Krishnan	Bio-MEMS – Microfluidic separation and detection technologies, Nanomaterials for sensor applications.
	Asima Shaukat	Rheology of lubricating greases, rheological dynamics of polymer-layered silicate clay nanocomposites, yielding behavior of jammed systems
	Rajagopal Vellingiri	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.
	Richa Singhal	Nanomaterials, Electrochemical energy storage (EES) devices, CO <sub>2</sub> 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)
	Paramita Haldar	Molecular simulation techniques, ranging from quantum chemistry to Molecular Dynamics (MD), Kinetic Monte Carlo (KMC), and Nudged Elastic Band Method (NEB). Ionic materials, composite materials, semiconductors and metals.
<b>Chemistry</b>	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. Subhasish Roy	Peptide-based Supramolecular Systems for Biosensor and Bioelectronics.
<b>Economics and Finance</b>	Aswini Kumar Mishra	Applied Econometrics, Industrial Economics, Behavioural Economics & Empirical Development Economics
	Arfat Ahmad Sofi	Economic Growth & Development, Public Economics, Applied Spatial Econometrics
	Ch.V.V.S.N.V. Prasad	Operations Management, Strategic Management, Marketing, and Information Technology
	Debasis Patnaik	Social sciences, Financial Economics, Environment Economics
	Mridula Goel	International Economic order, Business environment, Entrepreneurship, Gender Issues
	Rajorshi Sen Gupta	Intellectual Property Management, Principal-Agent contracts, Transportation Economics, Simulation
	Sukumar Vellakkal	Macroeconomic policies and health; Impact evaluation; Universal healthcare
<b>HUMANITIES &amp; SOCIAL SCIENCES</b>	Prof. Reena Cheruvalath	Ethics, Cognitive Science
	Dr. Amitendu Bhattacharya	Literary Studies
	Dr. Bidisha Banerjee	Psychology
	Prof. Basavadatta Mitra	Cross Cultural Communication, Renaissance Drama
	Prof. Geetha B	Film Studies, Digital Humanities (with special focus on folk arts)
	Prof. Geetha KA	Dalit Literature, Post -Colonial Literatures, Cultural Studies
	Prof. R.P. Pradhan	International Relations, Maritime Studies
	Prof. Shalini Upadhyay	

		Spiritual Intelligence, Indian writing in English
	Dr. Hareesh. A.G	Philosophy of Science
	Dr. Rayson K. Alex	Ecocriticism, Media and Ethnography, Ecodocumentary Aesthetics, Cinema
	Dr. NilakDatta	Postmodernism, American Fiction, Tourism Theory, Literary and Cultural Studies
	Dr. Rajiv Kumar Chaturvedi	Ecology and Public Policy
	Dr. ParichayPatra	Film Studies
	Dr. Sayantani Sarkar	Public Policy
	Dr. Mohan Kumar Bera	Disaster Management, Environmental Adaptation, Tribal Development and Sociology
	Dr. Solano Da Silva	Development Studies, Political Science
<b>Electrical and Electronics Engineering</b>	Raghurama G.	Communication Systems, Telecommunication Networks
	M.K. Deshmukh	Hybrid Energy Systems, SPV, Wind Power, Modeling & Simulation, Smart Grids, Policy, Planning, Eduation
	K.R. Anupama	Network Embedded Systems - WSN, Vehicular Networks, Biomimetics
	Dipankar Pal	Microelectronics, VLSI (ASIC) and Circuits & Systems
	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 & image processing systems, Reconfigurable Hardware Accelerators, MEMS and applications
	Ramesha C.K	Device Modelling and Simulation, Microelectronics, VLSI Design
	Abhijit Pethe	Nanoelectronics, nanotechnology, neuromorphic computing, bio-inspired computing and devices
	Narayan S Manjarekar	Systems and Control, Non-linear Control Systems, Passivity based control,Dynamic Control of Electrical Power Systems, Robotics,
	Nitin Sharma	Wireless Communication Systems, IoT(D2D Communication), Cloud RAN, GNSS Signal Processing, Software Defined Networking
	ShashidharaMechaKotian	Power System Dynamics
	Gautam G. Bacher	Micro & Nano Biosensors, Impedimetric sensors, Electrochemical Impedance Spectroscopy
	Pravin Mane	VLSI Design, Reconfigurable architectures using emerging nanodevices, approximate arithmetic circuits
	Sarang C Dhongdi	Underwater Acoustic Sensor Network
	SudeepBaudha	Radio Frequency and Microwave Engineering, Antenna Design
	Hrishikesh S. Sonaliker	Radome Design, Computational Electromagnetics
	Ashish Chittora	Microwave Engineering, Antenna design, High Power Microwave
	Mithun M.S	Instrumentation & Measurements, Condition Monitoring, Inductive/capacitive sensors
	Naveen Gupta	Next generation cellular networks, Device to device communication, cooperative cognitive radios, mmwave
	ChembiyanThambidurai	Wireless system design, design of low noise PLLs and Analog Circuit Design

	Vivek Chandran K P	System control and dynamics, Estimation
	Ch. S. Sankhar Reddy	Wireless Sensor networks
<b>Mathematics</b>	ANUSHAYA MOHAPATRA	Dynamical Systems, Mathematical Biology.
	MAYANK GOEL	Portfolio Optimization Problems. Financial Mathematics
	SHILPA GONDHALI	Algebraic Topology.Homotopy Theory
	ANIL KUMAR	Control Theory , Ordinary and Partial Differential Equation
	PRASANNA KUMAR	Geometric Function Theory, Approximation Theory Mathematical Geosciences
	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
	PRADEEP BOGGARAPPU	Harmonic 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
<b>Physics</b>	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
	Swastibrata Bhattacharya	Condensed matter
	Rudranil Basu	High energy physics
<b>Computer Science &amp; Information Systems</b>	Ashwin Srinivasan	Data Science, Machine Learning: Inductive Logic Programming, Machine Learning and ILP to real- world problems: computational Biology, Neuro-Symbolic learning, Optimal search theory.
	Neena Goveas	Network Science, Computer Networks, Low dimensional systems
	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	Vehicular Ad-Hoc Networks, Vehicular Cloud Computing, Internet of Things(IoT), Internet of Vehicles(IoV), Blockchain, Multi Keyword Search and Database Encryption, Smart City, and Network Security
	Ramprasad Joshi	Formal theory of heuristic computation, geometry of local search algorithms, optimization, natural language processing, artificial intelligence and robotics
	Sanjay K. Sahay	Information/Network Security, Cryptography, Data Science, and Gravitational waves
	Santonu Sarkar	Software engineering, Optimization of energy consumption- for distributed, virtualized and mobile platforms
	Swati Agarwal	Security Informatics, Social Computing, Machine Learning, Text Mining and Analytics, Information Visualization, Natural Language Processing
	Rizwan Parveen	Software Engineering, Cyber Physical System, IoT
	Sreejith V	Wireless Networks , Cyber Physical System, Affective Computing, IoT
	Tirtharaj Dash	Data Science, Deep Learning, Deep Relational Learning, Optimisation and Machine Learning
	Hemant Rathore	Data Science, Malware Analysis, Network Security,
	Anup Basil Mathew	Logic and Automata Theory, Verification and Synthesis of Distributed Systems
	Basabdatta Bhattacharya	Spiking Neural Networks; Mean Field (Lumped parameter) Neural Networks; Bio-inspired Convolutional Neural Networks; Computational Neurology; Neuromorphic computing; Neural (Energy efficient) Information Processing.
	Geeta Patil	Energy Efficient Cache Architecture; Real time system cache architectures
	Raj Kumar Jaiswal	Vehicular Network, Internet Security, Blockchain.
	Shubhangi K. Gawali	Real time systems, energy autonomous real time and embedded systems
	Soumyadip Bandyopadhyay	Formal Methods, Software Engineering, Cyber Physical systems, Program analysis
	Sujith Thomas	Data Science, Human visual category learning, Computational modelling, Cognitive Science
	Vinayak Naik	Mobile Computing, Wireless Networks, IoT, Software Defined Networking, and Blockchain
<b>Mechanical Engineering</b>	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
	Kiran D. Mali	Mechanics, Vibrations
	Sandeep Jose	Solid Mechanics
	Sandeep Singh	Solid Mechanics
	Pritanshu Ranjan	Computational Fluid Dynamics

	Vadiraj Hemadri	Gas Dynamics, Microfluidics
	Siddhartha Tripathi	Fluid mechanics, Bio-microfluidics
	Devendra G. Patil	Vibration, Smart materials
	AbhilashTilak	SCNCL, Microchannel
	Ravindra Saluja	CAD/CAM
	Amal Siju	Manufacturing Engineering

### Hyderabad Campus

Department	Name	Specialization
<b>Biological Sciences</b>	Suman Kapur	Genetic markers, Medicinal phyto-chemicals, Biomarkers and Medical devices
	Vidya Rajesh	Malaria vaccine candidates, Analysis of candidate genes for autism, Bioremediation
	Ramakrishna Vadrevu	Structural Biology; Protein Folding; Protein Design/Engineering: Self-assembly/amyloids and nano- materials; Protein Modelling and small molecule inhibitors for diseases (Alzheimer's etc)
	Kumar Pranav Narayan	Liposomal Gene delivery system for targeted therapeutics and diagnostics of cancer, Use of phyto-compound for the formulation of anti-cancer drugs, biofertilizer and biopesticide. Biodiversity of agriculturally important microorganisms
	Sankar Ganesh	Environment and energy, Anaerobic digestion, Nano(eco)toxicology, Composting, Vermicomposting, Termigration, Solid waste management, Technology for Pedagogy.
	K. Naga Mohan	Human Molecular Genetics, Epigenetic mechanisms of development, Genetics of psychiatric disorders and Genetic diagnostics
	Jayati Ray Dutta	Microbial Enzymology and its applications in biofuel production, polymer degradation for bioimplantation and biosensing; Nanobiotechnology.
	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 in regulation of gene expression in cancer and neuroinflammation.
	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	RNA epitranscriptomics, post-transcriptional regulation of skeletal muscle development and myopathies
<b>Chemical Engineering</b>	I. Sreedhar	Reaction Engineering, Process Development, Heterogeneous Catalysis, Green Processes ,Process Intensification, Fluid Rheology, Carbon Capture and Utilization, Effluent Treatment Energy Integration.
	Srikanta Dinda	Reaction Engineering & Catalysis, Development of endothermic fuel by hydrocarbon cracking, Development of resin for paint and coating application, Synthesis of bio based adhesives and plasticizer materials. Material development for CO2 capture and its utilization.
	D. Purnima	Natural Fiber Reinforced Polymer Composites, Hybrid Polymer Composites, Polymer Blends, Polymer Rheology, Polymer Membranes.
	Balaji Krishnamurthy	Electrochemical Engineering, Batteries, fuel cells, Polymers, Water treatment, bio fuel cells
	Ramesh Babu Adusumalli	Mechanical Characterisation of Polymers, Fibres and Composites, Natural cellulose fibres and Man made cellulose fibres, Micro and nano mechanics of Fibres ,Wood and Wood based Composite Materials, Fibre reinforced Polymers (FRP) and Ceramic Matrix Composites Vegetable oils and their Chemical analysis, Solid Waste Management (Material Recycling and Incineration)
	Karthik Chetan. V	Development of Biomaterial based formulations for 3-D printing and electrospinning techniques. The work involves product development and process optimization for adhesive/binder, food/gels, 3-D printing, microencapsulation and tissue engineering applications  Real-time investigation of processes such as, polymerization, protein denaturation, liquid-liquid phase separation, glass formation, annealing, physical aging and corresponding secondary relaxation processes by using dielectrics, calorimetry, ultrasonics and thermal conductivity techniques.  Materials characterization by using dielectrics, specific heat spectroscopy, dynamic mechanical spectroscopy, rheological spectroscopy, ultrasonics, thermal conductivity and electron microscopy techniques in characterizing a range of materials or products such as, polymers, biopolymers, gels, emulsions and colloids, coatings and adhesives, advanced composites etc..
	Vikranth Kumar Surasani	Pore Network Modeling in Process Engineering, Reactive Transport Modeling of Biogeochemical Interactions, Numerical Simulation of Souring and Desouring phenomena in petroleum reservoirs, Numerical Simulation of Chemical-Looping-Combustion, Population Balance Modeling of Continuous Wet



		Granulation of API, Processing and Refinement of Municipal-Solid-Waste as Alternative Fuel.
	Lakshmi Sirisha	Recovery and purification of industrially important enzymes like Inverstase from yeast microbes. Process development and optimization using simulations in pharmaceutical production.  Process integration, with novel technologies like Reactive Distillation.
	Angan Sengupta	Continuum modeling of flames to study its dynamic properties under various environmental conditions  Continuum modeling of confined and unconfined vapour cloud explosions to study its dynamic properties under various industrial and transport conditions  Optimal safe layout of fuel tank farms during fire spread  Determining adsorption and desorption properties and hysteresis of fluids confined inside chemically modified nanopores using molecular simulation techniques  Prediction of thermodynamic phase properties and dynamic properties of nano-confined fluids, from the view point of environment and energy aspects; by using the recently developed molecular simulation techniques
	Nandini Bhandaru	Nanotechnology, Soft Lithography, Polymer Thin Film Instability, Polymer Blends, Atomic Force Microscopy, Microfluidics. Development of superomniphobic surfaces for self-cleaning and antimicrobial applications  Studying self-assembly and spatial organization of biomolecules
	Satyapaul Singh Amarthaluri	Heterogeneous Catalysis; Reforming; CO Abatement; Photocatalysis; Reaction Kinetics; Network Modeling; Adsorption
<b>Chemistry</b>	G.Sundar	Theoretical Chemistry, spectroscopy
	N.Rajesh	Environmental analytical chemistry
	Subit Kumar Saha	Physical Chemistry, Spectroscopy, Study of Soft Matter Systems
	K. Sumithra	Theoretical/Computational Chemistry
	K V G Chandra Sekhar	Medicinal Chemistry
	Krishnan Rangan	Inorganic Chemistry, supramolecular chemistry, Molecular – organic Framework
	Jayanty Subbalakshmi	Multi-functional molecular materials
	Manab Chakravarty	Functional organic molecules as solid state emitters: Sensing
	Anupam Bhattacharya	Synthetic Organic Chemistry
	Balaji Gopalan	Materials Chemistry
	Ramakrishnan Ganesan	Materials Chemistry
Amit Nag	Spectroscopy, plasmonics	

	Sounak Roy	Solid State Chemistry, Material Chemistry, Catalysis
	Durba Roy	Physical Chemistry, Computation
	Tanmay Chatterjee	Development of New Synthetic Methodologies, Synthesis of bioactive molecules
	Amit Ashok Vernekar	Chemical Biology, Drug Development, Nano Technology, Energy and Environmental Science
	Chanchal Chakraborty (DST Inspire Faculty)	Electrochromic Materials & Devices
<b>Civil Engineering</b>	P N Rao	Structural Engineering: Concrete Technology, Energy Efficient Buildings, Non Linear Finite Element Analysis of Structures, Soil Structure Interaction, Wind Load Analysis of Structures
	K S Raju	Water Resources Engineering: Impact of Climate, Change on Water Resources , Water Resources Systems, Multi Objective Optimization and Decision Making, Soft Computing and Evolutionary Algorithms
	V Vinayaka Ram	Transportation Engineering: <b>Flexible Pavement Material Characterization, Rigid Pavement Material Characterization, Highway and Runway Pavement Design and Evaluation, Building Materials, Other Allied Areas</b>
	A Vasan	Water Resources Engineering: Optimization using heuristic methods like Differential Evolution, Genetic Algorithms, Fire Fly Algorithm, Ant Colony Optimization, Particle Swarm Optimization, Simulated Annealing etc., Water Resources Systems Planning and Management, Water Distribution Networks Design Optimization, Multi Criterion Decision Making Methods
	Jagadeesh Anmala	Water Resources Engineering: Fluid Mechanics, Environmental Hydraulics and Water Resources, Surface and Subsurface Hydrology, Computational Fluid Dynamics, Soft computing in Civil Engineering , Stream Hydrology
	Sridhar Raju	Transportation Engineering: Utilization of Reclaimed Asphalt Pavement in Bituminous Mixtures, Characterization of Polymer Modified Bitumen with warm mix additives, Utilization of waste plastic and crumb rubber for city roads, Half Warm Mix Asphalt Mixtures using Polymer Modified Bitumen Emulsion and Pavement Asset management
	K Rajitha	Remote Sensing & GIS:
	Murari R R Varma	Water Resources Engineering: Watershed hydrology and management, Experimental and field hydrology, Hydrochemistry of watersheds, GIS Applications in hydrology Environmental hydrology, Sustainable technologies related to civil engineering
	Chandu Parimi	Structural Engineering: eXtended Finite Element Method (XFEM), Computational Mechanics, Computational Geometry, Topology Optimization, Nanoscience and Nanotechnology, Structural Dynamics, Fracture Mechanics, Structural analysis and design

	Mohan SC	Structural Engineering: Earthquake and vibration control, Structural Health Monitoring, Fatigue and fracture mechanics, Smart structures, Computational cost reduction
	Anasua Guharay	Geotechnical Engineering: Reliability Application in Retaining Structures, Sensitivity Analysis, Utilisation of Construction and Demolition Waste for Ground Improvement, Ground Improvement with treated natural fibers, Slope stability with natural fibers and grass roots, Geopolymerisation of expansive soil with alkali activated binders, Ground improvement with biochar and water hyacinth fibers, Soil Dynamics
	Arkamitra Kar	Structural Engineering: Development and characterization of concrete with alkali-activated aluminosilicates as sustainable or 'green' building materials, Correlation between microstructural properties of cementitious paste with mechanical properties of concrete at specimen scale, Study of the polymerization or hydration chemistry of cementitious systems depending on the type of binder, Development of models to predict strength, stiffness, and deformation characteristics of concrete with alkali-activated binder, Life cycle assessment of concrete with alkali-activated binder, Bacterial inclusions in concrete, Treatment methods for geotextiles, Durability of concrete with Alkali-Activated Binders
	Sri Kalyana Rama J	Structural Engineering: Scientific ways of mix design for Alkali-activated Concrete/Self Compacting Concrete incorporating Sustainable Materials, Experimental and Numerical evaluation of Fracture properties of Concrete , Non-linear behavior of Reinforced Concrete Structures with different plasticity models, Behavior of structures with conventional and novel strengthening techniques subjected to lateral loads-Numerical investigation
	Bahurudeen A	Concrete structures: Durability of concrete structures (Assessment; Laboratory test methods; Performance specifications), Cement chemistry and hydration process, Heat of hydration, Sophisticated Characterization Techniques for the evaluation of construction materials, Non- destructive Techniques for assessment of structures, Evaluation of admixture performance, Alkali activated binder system, Development of new alternative materials
<b>CS&amp;IS</b>	Chittaranjan Hota	Analytics, IoT, Networks, Security
	R.Gururaj	Databases, Information Systems, WSN
	N.L.Bhanu Murthy	Machine Learning, Software Intelligence & Engineering
	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.
	Lov Kumar	Software Metrics, Software Quality, Quality of service, Machine Learning, Software maintainability prediction, Software fault prediction, Software change proneness prediction
	Jabez J Christopher	Data Mining, Machine Learning and Swarm Intelligence Algorithms, benchmarking and evaluation of optimization algorithms.
	Odelu Vanga	Remote User Authentication, Attribute-Based Authentication, Blockchain-Based Authentication, Attribute-Based Encryption, Hierarchical Access Control
	Paresh Saxena	Design and implementation of network coding protocols for reliable and robust communications, wireless and satellite networks, drone communications, machine learning and video streaming protocols.
	Rajib Ranjan Maiti	opportunistic networks and its security and privacy, Human mobility pattern and its application, Internet of things: application and challenges, Cyber security in internet of things and cyber physical systems, Applied machine learning , Security and privacy in wireless LAN (Wi-Fi, BLE, Zigbee)
	Surender Singh Samant	Data Mining, Information Retrieval
	Gokul Kannan Sadasivam	Networks Security
<b>Economics and Finance</b>	Niranjan Swain	Corporate Finance
	China Hussain Yaganti	Commodity Derivatives Markets, Macroeconomics, Agricultural Marketing and Supply chain management
	Durgesh Chandra Pathak	Development Economics, Public Policy, Impact Assessment of Development Projects, Microfinance, Poverty & Inequality Analysis, Applied Econometrics (Microeconometrics), Applied Game Theory
	Sudatta Banerjee	Economic Growth, Development Economics, Gender Studies, Educational Economics, Applied Econometrics, Child Health and Education
	Archana Srivastava	International Economics, Labour Issues
	Swati Alok	Human Resource Management / Organizational behaviour : Employee Engagement, Career Management, Conflict Management  Gender studies  Capacity Building
	Rishi Kumar	Development Economics, Poverty & Inequality, Impact Evaluation, Health Economics, Rural Development and 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
	R. Raghunathan	Strategy, entrepreneurship, (Scholarship of) Teaching and learning

EEE	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 & Image Processing, biosensors for detection of cardiac/cancer biomarkers
	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, Renewable Energy Sources, Reactive Power Compensation, Microgrids
	Prasant Kumar Pattnaik	Photonics, Optical Communications, Photonic Integrated Circuits, MEMS
	Venkateswaran Rajgopalan	Magnetic Resonance Imaging (MRI) and Positron Emission Tomography (PET)
	Runa Kumari	Dielectric Resonator Antenna, Log periodic Antenna, Reconfigurable Antenna, Microstrip antenna, Antenna Array.
	Sumit Kumar Chatterjee	Digital VLSI Design, Video Compression, Low power architectures
	Souvik Kundu	Nanoelectronics; Neuromorphic Computing; Neural Networks; Photovoltaics & Photodetectors; Materials for Electronics; Design & Fabrication of Electronic Devices, etc.
	Soumya J	Network-on-Chip (NoC) design, Application-Specific Synthesis of NoC, Reconfigurable NoC design, Fault-Tolerant NoC Design, FPGA implementation of NoC based designs, Artificial Neural Networks for NoC based architectures
	Surya Shankar Dan	1. Physics Based Nano-electronic Device Compact Modeling for State-of-the-Art VLSI IC Designs 2. Device Physics of 'Beyond CMOS' State-of-the-Art Device Technologies and Their Simulation 3. High Performance, Low and Ultra-Low Power VLSI Circuit Designs and Topologies 4. Characterization Methodologies and Algorithms for Device Simulator Design

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
Harish V Dixit	Microwave Engineering, Active and Passive High Power Microwave/RF Devices
Mithun Mondal	Condition monitoring and diagnostic of transformers, Insulation diagnostic, Frequency response analysis of transformers, Modelling and analysis of High Voltage apparatus
Saroj Mondal	VLSI circuits & Systems, Energy processing circuits, Energy harvesting circuits, IoT Interface circuits, Semiconductor Memories, Micro-Scale DC-DC converter, Reference generator;
Radhika Sudha	Power Electronics application in Renewable energy and Electric drives, Wavelets based Pattern Recognition for Remote sensing (Aerial, Satellite, UAV) Image processing and AI based Industrial machine health condition monitoring
Manish Narwaria	multimedia signal processing, statistical data analysis, machine learning, and psychophysics. Specific interests in computational modeling and analysis of perceptual factors in multimedia signals (such as video, image, speech and computer generated imagery).
Sayan Kanungo	Simulation and Modelling of Semiconductor Devices and Materials for sensing applications, Electronic properties and carrier transport in 2D Materials, Physics of nano-scale transistors
Sourav Nandi	Substrate Integrated Waveguide (SIW) Antenna, Microstrip Antenna, MIMO Antenna
Ponnalagu R N	Development of signal conditioning circuits for sensors, Direct sensor to microcontroller interface circuits, Patient and equipment monitoring systems
Rajesh K Tripathy	Cardiovascular Signal Processing, Neural Signal Processing, Cardio-Pulmonary Coupling and Circadian Monitoring, Sparse representation and dictionary learning, Sensor data processing and Pattern recognition, Multimodal affective computing, Medical image processing, and Biomedical Instrumentation
Karumbaiah C N	Gas sensors, Bio-sensors, MEMS, nano-resonators, mechanical computing, nano-lithography, 1D/2D materials, water-splitting.
Prarikshit Sahatiya	Flexible and wearable electronic devices, nanomaterials, nanoelectronics, smart personal healthcare monitoring, photodetectors, 2D materials, piezotronics, papertronics, artificial electronic skin
Prashant Wali	Energy Efficient Medium Access Control Algorithms for LTE-Advanced and 5G, Traffic Scheduling in 4G/5G broadband

		wireless networks, Call Admission Control in LTE-Advanced and Wireless Backhauling in 5G.
	Ramakant Yadav	Optimization of Tunnel FET Devices for Ultra-Low Power Application. Nano-electronic devices for Ternary Logic Applications.
	Sandeep Kumar	Metamaterial-based antenna design for wireless applications.
	Balasubramanian M	Photonics, Optical Communications, Photonic Integrated Circuits, MEMS

Department	Name	Specialization
<b>Humanities &amp; Social Sciences</b>	M.G. Prasuna	Comparative Literature; Indian Literature; Minority Literature
	Sunny Jose G.	Public Policy; Development Studies; Gender Studies
	Shilpaa Anand	Disability Studies; Medical Humanities; History of Ideas
	Aruna Lolla	Indian Philosophy; Spiritual Poetry
	Maya Vinai	Indian English Fiction; Maritime (Indian Ocean) Narratives; Postcolonial Literature
	Santosh Kumar Mahapatra	Critical Pedagogy; Language Assessment; English for Specific Purposes
	Biswanath Dash	Science Technology Studies; Disaster Management
	Suchistmita Satpathy	Political Economy of Urban Space; Corporate Social Responsibility; Urban Policy
	Lavanya Suresh	Political Ecology; Public Administration; Decentralisation
	Pranesh Bhargava	Linguistics; Speech and Hearing; Cognitive Sciences
	A.K. Jayesh	Indian Madhyamaka Philosophy; Philosophy of Literature
	Anhiti Patnaik	Cultural Studies; Crime Fiction; Victorian Literature
Aswathy Raveendran	Science, Technology, Society Studies; Gender and Science; Science Education	

<b>Mathematics</b>	Dipak Kumar Satpathi	Mathematical Modelling of Biological Systems, Fluid Mechanics, Financial Mathematics
	Addepalli Ramu	Computational Fluid Dynamics
	Bivudutta Mishra	Cosmology and Relativity, Dark Energy, Modified Theories of Gravity
	Kota Venkata Ratnam	Mathematical Modelling
	Praveen Kumar P T V	Multivariate Data Analysis
	Pradyumn Kumar Sahoo	Relativity, Cosmology, Dark Energy, Dark Matter, Wormhole Geometry and Alternative Theories of Gravity

	A Michael Alphonse	Graph Theory
	Sai Lakshmi Radhika Tantravahi	Fluid Dynamics
	Manish Kumar	Pseudo-Differential Operators, Wavelet Analysis, Image Processing
	Jaganmohan Jonnalagadda	Differential Equations
	Sumit Kumar Vishwakarma	Seismic Wave Propagation
	Naraparaju Kishore Kumar	Numerical Solutions to Partial Differential Equations
	Sharan Gopal	Topological Dynamics
	N Anil	Adjoint Methods for Aerodynamic Optimization, High Performance Computing, Mesh Free Methods
	Jhuma Sen Gupta	Numerical Functional Analysis
	V Venkata Hara Gopal	Multivariate Data Analysis, Pattern Recognition, Mathematical Statistics
	Santanu Koley	Integral Equations
	Deepika	Infinite Dimensional Holomorphy
	Debopam Chakraborty	Algebraic Number Theory
<b>Mechanical Engineering</b>	MorapakalaSrinivas	Thermal
	NandanavanamJalaiah	Thermal
	Amit Kumar Gupta	Production/Manufacturing
	SrinivasaPrakashRegalla	Manufacturing
	Kurra Suresh	Manufacturing
	JeevanJaidi	Thermal
	Y VenkatDaseswaraRao	Design Engineering
	N Suresh Kumar Reddy	Manufacturing
	NitinRameshraoKotkunde	Manufacturing
	SandipShridharraoDeshmukh	Thermal
	PhaneendraKiran C	Manufacturing
	Khalid Anwar	Thermal
	Amrita Priyadarshini	Manufacturing
	SabareeshGeethaRajasekharan	Design
	R Parameshwaran	Thermal
	Satish Kumar Dubey	Thermal
	ArshadJaved	Design
Supradeepan K	Thermal	



	Sujith R	Materials Science
	Ram Chandra Murthy Kalluri	Thermal/Fluid Sciences
	Santanu Prasad Datta	Thermal
	Pavan Kumar Penumakala	Design
	Ravi Vidyarthi	Manufacturing
	Pardha Saradhi	Thermal/Fluid Sciences

<b>PHARMACY</b>	D Sriram	Drug discovery
	P Yogeeswari	Medicinal Chemistry
	Punna Rao Ravi	Pharmaceutics
	A Sajeli Begum	Pharmaceutical Chemistry (Natural Products)
	Venkata Vamsi Krishna Venuganti	Pharmaceutical formulation development
	Swati Biswas	Pharmaceutics
	Balaram Ghosh	Medicinal Chemistry
	Onkar P Kulkarni	Pharmacology
	Arti Dhar	Pharmacology
	Nirmal J	Ocular drug delivery
	Akash C	Formulation development

<b>PHYSICS</b>	P K Thiruvikraman	Computational Physics, Digital Image Processing
	Souri Banerjee	DNA Electronics
	Kannan Ramaswamy	Nanophotonics, Nanoplasmonics, Magneto-Optics and Solar Photovoltaics
	Aravinda Narayanan Raghavan	Self-organised natural composite materials, Microfluidics
	B Harihara Venkataraman	Ferroelectric and Multiferroic materials, Nonlinear optics
	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 Computing and Quantum Information, Mathematical Physics
	Asrarul Haque	Quantum Field Theory, Particle Physics

	Rahul Nigam	Cosmology, Theoretical High Energy Physics
	Sarmishtha Banik	Nuclear Astrophysics, Nuclear & Particle Physics.
	Subhash N Karbelkar	Wave propagation in random media, Astrophysics
	Prasant Samantray	Theoretical High energy Physics
	Swastik Bhattacharya	General Relativity, Black holes
	Aranya Bhuti Bhattacharjee	Quantum optics, Quantum optomechanics, Ultracold atoms

**Dubai Campus:**

Department	Name of the Faculty	Research Area
<b>Biotechnology</b>	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, Bio-sensors, Nanoparticle synthesis & applications
	Dr. Gokhale Trupti 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
<b>Chemical</b>	Dr. Bharat Bhushan Gulyani	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)
	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

Department	Name of the Faculty	Research Area
	Dr. Rajib Ghosh Chaudhuri	Colloid and Interfacial Phenomena, Nanotechnology
<b>Civil Engineering</b>	Ms. Sree Lakshmi Babu	Environmental Engineering
	Dr. Meghana Charde	Passive Solar Architecture, Energy Efficient Building Design
	Dr. Sridhar G	Geotechnical Engineering
<b>Computer Science</b>	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. Siddhaling Urolagin	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
<b>Electrical &amp; Electronics</b>	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.
<b>Electrical &amp; Electronics</b>	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. Jagadish Nayak	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. Gomathi Bhavani	Intelligent Control in Buildings, Automated lighting Control, Energy Efficient Buildings, Simulation assisted light control, Daylighting control, Integrated lighting, Zero energy buildings.

Department	Name of the Faculty	Research Area
	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 Haridas Gaidhane	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.
<b>General Sciences</b>	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.	

Department	Name of the Faculty	Research Area
	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
<b>Humanities and Social Sciences</b>	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. Mrutujanaya Sahu	Political Science
	Dr .Natesa Prasad	emerging area of finance literature with strong links to agency theory, capital structure, corporate governance and strategy
<b>Mechanical Engineering</b>	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

Department	Name of the Faculty	Research Area
	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

## 8. Research Related Seminar/ workshop conducted during the year 2018

### Pilani Campus

1. Kamlesh Tiwari, International Workshop on Applied Machine Learning (IWAML-2018) February 19-23, 2018 at NITTTR, Kolkata. (Link <http://www.nitttrkol.ac.in/iwaml2018/>)
2. Kamlesh Tiwari, International Workshop on Applied Deep Learning (IWADL-2018) July 16-20, 2018 at IIT Mandi. (Link <http://www.ktiwari.in/iwadl2018/>)
3. Kamlesh Tiwari, Organized a one-day-workshop on entrepreneurship for the students at PS1 station in Lucknow on July-07, 2018 at "Tata Institute of Social Science, Lucknow Training Centre".
4. Kamlesh Tiwari, Microsoft Azure Machine Learning Workshop has been conducted at CSIS Department from Nov 09-11, 2018
5. Department organized one day "Indo-Israel Workshop on Nanomaterials and Devices (I2NMD-2018)" during Nov. 2<sup>nd</sup> 2018. Conveners of the workshop were Prof. Navneet Gupta, Dr. Arnab Hazra and Dr. Rupam Goswami.
6. Anupam Yadav conducted a one-day training cum workshop for private companies executives on Human Values and Professional Ethics organized by Banipal Management Consultant at Vadodara, Gujarat, on December 28, 2018.
7. Pushp Lata was Invited to conduct a workshop on Flipped Classroom and Problem Based Teaching in a Faculty Development Programme on Pedagogical Approaches in Science, Technology, Engineering and Management organized by the Department of Applied Sciences, Humanities and Management, Bundelkhand Institute of Engineering and Technology, Jhansi (UP) in collaboration with PDA College of Engineering, Gulbarga during October 04-08, 2018 (One Week) held under the aegis of TEQIP- III.
8. Prof. K. S. Sangwan (Department of Mechanical Engineering) and Dr. Jyoti (Department of Management) organized "Indo-German Workshop on Sustainable Manufacturing and Entrepreneurship", held on 17th - 18th September 2018.
9. Havish Madhvapaty, Co-Founder, Decode Research and Analytics, Microsoft Excel Management, 26 Feb 2018 - 28 Feb 2018
10. K.T. Upadhyay Managing Partner, ELearn India Consulting & Training LLP Project Management Management 10 Sep 2018 - 14 Sep 2018.
11. Shikha Sahai HR Consultant & Research Scholar, XLRI Human Resource Management Management 18 Sep 2018 - 22 Sep 2018.
12. Kidambi Srinivasan Trainer, Benchmark Six Sigma, Delhi Six Sigma Training Management 30<sup>th</sup> August 2018- 3rd September 2018.
13. Abhisek Salecha Co-Founder Forevision Advanced Excel and Financial Modelling Management 21st Sept - 23rd Sep 2018.
14. Prof. R.N. Saha conducted a workshop on "Bioavailability and Bioequivalence" at 9th World Congress on Bioavailability and Bioequivalence at Dubai, UAE, April 16-18, 2018
15. Dr. Sunil Kumar Dubey conducted a workshop on, "Analytical and statistical tools for bioavailability & bioequivalence studies" at 9th World Congress on Bioavailability & Bioequivalence, UAE Dubai, UAE, April 16-17, 2018.
16. Dr. Atish T. Paul in collaboration with Dr. Karthik J and Dr. Hemant Bhutani from Biocon-BMS Bangalore, organized a One day Industry-Academia Symposium on Analytical Sciences at Department of Pharmacy, BITS Pilani on 24 November 2018
17. Regional Science Congress (Jaipur region), 13-17 November, 2018 in association with Jawahar Novoday Vidayalya, Kajra, Jhunjhunu.

### Goa Campus:

1. Veeky Baths , " International Symposium on Bilingualism and cognition 2018, Department of Biological Sciences, BITS Pilani K K Birla Goa Campus, from 1<sup>st</sup> to 3<sup>rd</sup> November 2018
2. Veeky Baths , workshop on Data sharing for open innovation in community-based rehabilitation , organized by Cognitive Neuroscience Lab, Dept. of Biological Sciences along with University of Leeds on 28th - 29th of Sept, 2018.
3. Vijayshree Nayak "International symposium Academic-Industry-Government partnerships to accelerate Radiation Research and clinical Translation" (AIG 2018), on 8-9 October 2018. Venue: Goa University.
4. 8<sup>th</sup> DAE-BRNS Symposium on Emerging Trends in Separation Science and Technology" (SESTEC-2018) 23<sup>rd</sup> May
5. Recent Trends in Chemistry: Students' Meet-2018, 25<sup>th</sup> Feb 2018
6. School on Advanced Oxidation Processes, S-AOP-2018, 16th November.
7. 1st International workshop on Software Engineering aspects of cyber physical systems
8. Formal Methods Update Meeting
9. 73rd Meeting of IFIP Working Group 10.4 on Dependable Computing and Fault Tolerance, January 2018
10. 12th World congress of the RSAI was organized at BITS-Pilani, K. K. Birla Goa campus by Department of Economics. Dr. Debasis Patnaik was joint convener of the congress.
11. Prof. Krishnaswami Srihari, Dean - Thomas J. Watson School of Engineering and Applied Science, SUNY Distinguished Professor and Director - Watson Institute for Systems Excellence, Binghamton University, Binghamton, New York, provided a talk to discuss career opportunities and explore collaborative academic partnerships, particularly in STEM disciplines on 3rd October, 2018.
12. Three days workshop on "Applied Time Series and Panel Data Econometrics" was organized by Department of Economics on 19-21 October, 2018.
13. Debasis Patnaik (2018): Lecture delivered on "Technical Analysis in Stock Market" by Prof. Babu Aiholi from Department of Economics, Goa University, on November 7 2018.
14. Pradeep Boggarapu attended workshop "Harmonic Analysis Meet" held at the Dept. of Mathematics, IIT Bombay, from 15<sup>th</sup> August-19<sup>th</sup> August, 2019.
15. Anil Kumar attended a discussion meeting on Teaching Differential Equations in India held at Indian Academy of Sciences, Bangalore during February 26 to February 28, 2018.
16. P. Dhanujaya attended International Workshop on Modeling Dynamics, Statistical Interference and Prediction of Infectious diseases (MoDSIP-ID), held at Department of Mathematics and Computer Science, Sri Satya Sai Institute of Higher Learning, PrasanthiNilayam (A.P) from 12<sup>th</sup> August to 15<sup>th</sup> August, 2018.
17. Shilpa Gondhali attended the workshop 'Volume Conjecture and Related topics in Knot Theory' which was held in IISER Pune from December 17-21, 2018.
18. 1<sup>st</sup> Symposium and workshop for Analytical Youth in Applied Mechanics, 04-06 July, 2018, Bi-Anneal Conference series of Indian Society of Applied Mechanics.

### Hyderabad Campus

1. Workshop on 'Data Mining and Soft Computing Techniques in Civil Engineering' Centre of Excellence in Water Resources Management, Department of Civil Engineering, BITS Pilani, Hyderabad Campus, organized a workshop on Data Mining and Soft Computing Techniques in Civil Engineering, on April 13-14, 2018. The total number of participants was 43. External experts included Prof D Nagesh Kumar, IISc. Bangalore; Dr Nagesh B Sristy, IDRBT Hyderabad. In addition, a number of experts from BITS Hyderabad also delivered lectures during the workshop.
2. A session, by Prof D Nagesh Kumar, in the workshop on data mining and soft computing techniques in civil engineering.
3. Workshop on 'Reservoir Simulation Using NIH\_ReSyP' Centre of Excellence in Water Resources Management, Department of Civil Engineering, BITS Pilani, Hyderabad Campus, and National Institute of Hydrology, Roorkee (A Govt. of India Society under Ministry of Water Resources, River Development and Ganga Rejuvenation) jointly organized a five-day training workshop on "Reservoir Simulation Using NIH\_ReSyP" from June 25 to 29, 2018. Twenty officers participated. Dr SK Jain, Director, National Institute of Hydrology, Dr MK Goel (Scientist G) and Dr Deepa Chalisgaonkar (Scientist F) delivered lectures along with experts from BITS Hyderabad
4. Dr SK Jain, Director, National Institute of Hydrology, delivering a lecture in the workshop on Reservoir Simulation Using NIH\_ReSyP.
5. A One Day Workshop on 'Dynamic Testing and Simulation of Civil Structures conducted on 8 th October, 2018' Organised by Department of Civil Engineering, BITS Pilani, Hyderabad Campus and in Association

with DST – FIST Sponsored by Universal Mechatronics, CO-ORDINATORS: Prof. Sridhar Raju & Dr. S. C. Mohan & RESOURCE PERSONS: Dr. S C Mohan, Dr. Arkamitra Kar, Prof P N Rao, Dr. Chandu Parimi, Dr. Kalyana Rama J S, Dr. Bahurudeen A.

6. ABOUT THE WORKSHOP: Dynamics of Structures and Earthquake engineering is an essential research topic of Civil Engineering. To understand the dynamic behaviour of structures, vibration testing is necessary. The aim of this workshop is to train the participants on the importance of vibration testing of civil structures. The participants will be exposed to hands-on experience of numerical modelling (STAAD Pro) and experimental testing (Shake Table). This workshop will be very useful for all researchers working in the field of structural dynamics and earthquake engineering.
7. One Day Seminar on Pavements Quality and Bitumen Rheology on 11th December 2018 at BITS Pilani Sponsored by M/s Antnonpaar India Limited, Organised by Prof. V Vinayaka Ram and Prof. Sridhar Raju, Department of Civil Engineering. Details of guest speakers is provided below for reference
8. Sustainable Technologies for Construction of Durable Roads by Prof. V Vinayaka Ram, BITS Pilani Hyderabad Campus
9. Basics of asphalt Rheology and importance of DSR in Binder Characterization ( Mr.Maharshi Gajjar- Anton Paar India)
10. Asphalt Binder Testing - Mr.Oliver Sack - Anton Paar Austria
11. Discussion on Plastic Modified Bitumen / Bituminous Concrete - Prof. Sridhar Raju
12. Six Sigma Workshop, 15-16, 22-23 September, 2018
13. Stocks and trading workshop, By Zerodha, 29 October, 2018
14. Credit Suisse CRO Grad Rotation Program, 2 November, 2018
15. Organised a contingent to ISB's finance fest, ARTHA'18
16. Conducted Rajagiri National Business Quiz
17. Arranged a talk and demo of the NSE certified AlphaBeta app by one of their executives Mr. Varun Mundra
18. Two-day Workshop on Tribology workshop TRIBO-2018 organised by MEA on November 2018.
19. A one-day intensive Workshop on "3D Modeling and Drug Optimization" has been organized on 28th October 2018 jointly by Zastra Innovations Pvt. Ltd and Department of Pharmacy, BPHC.

### **Dubai Campus**

1. Dr.Abdul Rajak, Dr.Jagadish Nayak, Dr.Vilas H Gaidhane, Dr.Raja Muthalagu &Dr.Nilesh Goel of EEE department along with student volunteers conducted a one day workshop for school students on Feb 3rd 2018 from 9 am to 3 pm and the topic was "Build and Control your own robot" . The school students were given hands on training of building a Robot from the scratch and controlling a Robot using Arduino board in signal processing and simulation lab.
2. MATLAB workshop was conducted by Dr.V.Kalaichelvi on 1.03.2018 from 4.30 pm to 6 pm in the signal processing and Simulation Lab.
3. For Institution of Engineers Series Workshop, Dr.V.Kalaichelvi has conducted SIMULINK workshop in the Signal Processing and Simulation Lab on March 20th 2018 from 1 pm to 1.50 pm.
4. EEE dept conducted a comprehensive workshop for school children on 28.3.3018. Dr.Abdul Rajak, Dr. Chattopadyay, Dr.Jagadish Nayak, Dr.V. Kalaichelvi, Dr.Swarnalatha, Dr.Vilas, Dr.Shazia & Dr.Sunil Thomas along with AOEE student volunteers have engaged all school students for the demonstration of hands on experiments: Wheel-E: Bluetooth Controlled Arduino based Obstacle Avoidance Robot (Instrumentation Lab); Flashing of LEDs using Arduino (Instrumentation Lab); Side Band Transmission and Reception (Communication Lab); Dancing Lights using IC 74LS74 (DD lab); Testing of ping Sensor using IC555 in Astable Mode (DD Lab); No Load Test on Three Phase Induction Motor (Electrical Machines Lab).
5. Dr. A.B.Chattopadyay, Dr.Abdul Rajak, Dr.Jagadish Nayak, Dr. V.Kalaichelvi, Dr.Swarnalatha Dr.Vilas, Dr Raja Muthalagu, Dr.Sunil Thomas along with student volunteers conducted school students' workshop and the hands on experiments were demonstrated from all EEE labs on 16.04.2018 from 1 pm to 3.40 pm: Wheel-E:Bluetooth Controlled Arduino based Obstacle Avoidance Robot(Instrumentation Lab); Four way Traffic signal using Arduino UNO (Instrumentation Lab); Single Side Band Transmission and Reception (Communication Lab); Lights using IC 74LS74 (DD lab); Testing of ping Sensor using IC555 in Astable Mode (DD Lab); No Load Test on Three Phase Induction Motor (Electrical Machines Lab).



6. The following workshops were conducted in student preparation for job interviews.

Date	Faculty	Topic
24th March 2018	Dr Shazia Hasan	Digital Electronics and Microprocessors
	Dr Mary Lourde	Mathematics for Electrical Engineers - A network analysis perspective
	Dr Jagadish Nayak	Signal and Image Processing Applications
31st March 2018	Dr A.B. Chattopadhyay	Applications of Electrical Machines and Drives
	Dr Gomathi Bhavani	Sustainable Buildings
	Dr Nilesh Goel	Solar Photovoltaic Systems
7th April 2018	Dr R. Swarnalatha	PLC, Conventional & Intelligent Controllers
	Dr V. Kalaichelvi	Process Control, Neural Networks and Fuzzy Logic for modeling and control
14th April 2018	Dr Sunil Thomas	Basic Electrical Engineering Concepts
	Dr Vilas Gaidhane	Analog Electronics
	Dr Abdul Rajak	Microelectronic Circuits, EM theory, communication Systems
17th March 2018	Dr Anand Kumar	Data Analytics
	Dr Anand Kumar/Dr Raja M	Comp. Networks(CCNA Based)

7. Dr. Anand Kumar, Dr.Jagadish Nayak, Dr.V.Kalaichelvi ,Dr.Vilas , Dr.Raja Muthalagu & Dr.Shazia organized a school students workshop along with student volunteers and the following hands on experiments were demonstrated from EEE department on.17.10.2018 from 1pm to 3.40 pm: Build your own drones (Power Electronics Lab and Signal Processing and Simulation Lab); Single Side Band Transmission and Reception (Communication Lab); Dancing Lights (Instrumentation Lab); Level Process Control (Instrumentation Lab).
8. Dr. Anand Kumar, Dr.Jagadish Nayak, Dr.V.Kalaichelvi, Dr.Vilas, Dr.Raja Muthalagu & Dr.Shazia along with student volunteers have actively involved for one day workshop conducted for school students on "Build and Control your own robot" The workshop was conducted in Signal Processing and Simulation Lab on Nov 3rd 2018 (Saturday) from 9 am to 3 pm.
9. BITS Pilani, Dubai campus invites delegates from academia and industry to be a part of two days of International Conference on Recent Advances in Fluid and Thermal Sciences (iCRAFT 2018), which started from 5th December 2018 and ended on 7th December at their Dubai Campus.
10. The conference aimed to bring together the leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Mechanical Engineering. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solution adopted in the field of Mechanical Engineering. The Conference covered various topics of interest including Bluff Body and High-speed Flows, Microscale Transport, Hydraulics and Turbomachinery, Conduction and Convection, Renewable Energy, Alternate Fuels and Sustainability.
11. Over the course of 3 days, 5 Speakers of Eminence marked their presence, together with the presentation of 76 technical papers and 22 Posters, by delegates from key universities of USA, UAE, India, Russia, Saudi Arabia, and South Africa, with an overall participation of more than 120 delegates.
12. School Workshop, Discovering DNA conducted on 18th October, 2018

## 9. Conference Publications

Faculty members have published several research papers in International and National Journals & conference proceedings.

### Pilani Campus

1. An International Conference on "Life Science Research & its Interface with Engineering and Allied Sciences (LSRIEAS-2018)" was organized during November 1-3, 2018.

2. Department of Civil Engineering organized Second International Conference on “Advances in Concrete, Structural and Geotechnical Engineering-2018” held at BITS, Pilani, 26-28th February 2018
3. Sangeeta Sharma, Anupam Yadav and Shekhawat S organized an International Conference on Media, Culture and Ethics held at the Department of HSS, BITS, Pilani from February 9-10, 2018.

#### **Goa Campus:**

1. Angshuman Sarkar, the 'XLII All India Cell Biology Conference and the 2nd TCMB' Department of Biological Sciences, BITS Pilani K K Birla Goa Campus from 21<sup>st</sup> – 23<sup>rd</sup> December 2018.
2. Srikanth Mutnuri, The 4th Asia Pacific - International Society of Microbial Electrochemistry and Technology (AP-ISMET) Department of Biological Sciences, BITS Pilani K K Birla Goa Campus from 13<sup>th</sup>–16<sup>th</sup> November 2018.
3. Srikanth Mutnuri, One day International Conference on Urban Rural Nutrient and Carbon Cycle – towards Soil protection and rehabilitation on 26th November 2018 at ) Department of Biological Sciences, BITS Pilani K K Birla Goa Campus.
4. Department of Economics, BITS-Pilani, K. K. Birla Goa campus acted as academic partner for “2nd International Conference on Economics and Development 2018” held on the 20th – 21st June, 2018 in Colombo, Sri Lanka.
5. “International Conference on Economics and Finance (ICEF-2018)” was organized by the Department of economic, BITS-Pilani, K. K. Birla Goa campus in association with Indian Council of Social Science Research on 16-17 February 2018. Principal convener of the conference was Prof. Aswini Kumar Mishra.
6. Himadri Mukherjee attended 7<sup>th</sup> International conference on Matrix Analysis and Applications, Shinshu University, Nagano, Japan. June 22-25, 2018.
7. Organized International Conference on Discrete Mathematics and its Applications to Network Science (ICDMANS-2018) during July 7-10, 2018.

#### **Hyderabad Campus**

1. Chaired a Session during the 2<sup>nd</sup> International Conference on Advances in Concrete, Structural & Geotechnical Engineering (ACSGE 2018), organized by Department of Civil Engineering, BITS Pilani, Pilani Campus, February 26-28, 2018.

#### **Dubai Campus**

1. International conference on Recent Advances in Fluid and Thermal Sciences 2018 (iCRAFT2018), Dec 5-7, 2018 (Dr Shashank Khurana, Dr R Udayakumar and Dr MVN Sankaram)

## 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", 5<sup>th</sup> 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 12<sup>th</sup> edition of the Cadence Design Contest in U.G. category. The project tile was "Design of DQPSK Demodulator for Implantable Bio-Medical Devices".
- Prof. Anu Gupta, ( EEE Dept.) and her team won 12<sup>th</sup> 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 4<sup>th</sup> 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 (ICCM) 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 2<sup>nd</sup> round which was held on 21 May 2017, she was ranked 3<sup>rd</sup> at the national level. She received the prize for winning 3<sup>rd</sup> 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 7<sup>th</sup> 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 rna-dependent protein kinase pathway impairs insulin signaling in I6 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 2<sup>nd</sup> 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.

**Annexure 3.6**

**Research Funds and Sanctions Received from various funding Agencies, Industry and other Organizations**

<b>Nature of the Project</b>	<b>Duration Year</b>	<b>Name of the funding Agency</b>	<b>Total grant Sanctioned in Lakhs</b>	<b>Received in Lakhs</b>
Major projects	2018-19	ICMR	69.86	64.88
		DST	1279.04	1102.16
		ICSSR	61.89	2.52
		DRDO	92.90	58.55
		Ministry of Housing & Urban Affairs New Delhi	12.80	2.5
		BRNS- DAE	24.39	32.9
		DBT	201	191.65
		CSIR	36.39	41.36
		NCERT	6.80	3.89
		Ministry of Consumer Affairs	7.92	2.74
		ISRO	44.08	14.9
		UGC	0	0.86
		Ayush	6.00	2.00
Minor Projects	2018-19	ICSSR	8.50	5.66
		ICPR	2.00	0.20
		CDS	3.15	1.54
Interdisciplinary Projects	2018-19	Max planck Institute, Germany	4.44	4.36
		IWMI	3.75	3.75
		MHRD-SPARC	202.76	0
		BPCL	0	0.75
		ICAR	0	3.84
		UGC- CRS	0	7.09
		Horizon H2020 (EU) – DST-	209.31	0

		Swiss Federal Inst. Od Aquatic Science & technology	0	1.35
		Global Challenge Research fund ( GCRF, UK)	12.71	0
		DBT	0	35.84
		DBT-MRC	0	10
		DST	39.27	6.07
		DST-India -Austria International Bilateral Project	8.89	0
		University of Virginia	0	7.31
		LIGO India	45.01	12.00
		Royal Academy, UK,	48	22.77
		ICMR-ICSSR	0	4.21
Industry sponsored		ONGC Energy Centre	11.69	1.87
		ABSTCPL (Aditya Birla Science and Technology Company Private Limited)	86.56	8.5
		Society of Asian Rotomoulders (STAR)	0.75	0.75
		Bill & Mellinda Gates	0	32.84
		Centre for High Technology	0	3.05
		RTI- International USA	0	28.09
		RD Tata Trust through CDAC Kolkata	0	7.3

	2018-19	Apollo Tyres	0	8.25
		Tube Investment	0	4.2
		Tata Consultancy Services	7.2	0
		*BMW	25	0
		Colorcon Asia Pvt. Ltd	15	5
		Morning Side Healthcare Pvt. Ltd	32	0
		Incisive Elements, USA	0	3.09
		Etica Clinpharma Ltd.	0	1.68
		Oniosome Health Care Pvt. Ltd	12.75	1.00
		Ankur Scientific Pvt. Ltd.	6.72	5.22
		Slayback Pharma	18	9
		Crenza Pharmaceutical Pvt. Ltd	3.5	2.00
		Ministry of Steel	23.72	23.72
		INTAS Pharmaceutical Pvt. Ltd	45	7.20
		IISC Bangalore	10	3.00
		KSOT	0	0.18
		Central Power Research Institute	21.09	0
		Map My India	7.42	0
		Slay back Pharma	3.95	2.34
		HBL	20.5	7.72
		Acubiosys Pvt. Ltd.,	11.75	0.25
		ISSAR	0	9.02
		DRL	0	8
		NATCO	0	4.5
		Sun Pharma	0	9.83
		Collaborative Project from Dr. Rattan nath	5	5
		AnsuR Technologies, Oslo, Norway	5.59	4.94

		IFB, Goa	2.67	2.20
		Tropical Mushrooms & Zuari foods. ( Kurade)	3.06	1.30
		CIMMYT	15	0
		M/s. Deccan Chemicals Ltd.	3.09	2.55
		Mormugao Port Trust (MPT)	16.75	11.36
		Maharashtra Aldehydes & Chemicals Ltd	5.85	5.85
		M/s.Zuari Agro Chemicals Ltd	17.038	0
		MDP for PNB-MetLife	1.6	1.6
		Association for the study of Literature and Environment(USA)	0.70	0.70
Consultancy				
		IIM Ahmedabad	2.24	1.00
		NALSAR	2.95	1.75
Projects sponsored by the University/ College	2018-19	Research Initiation Grant RIG	123.44	123.44
		Additional Competitive Research Grant ACG	201.2	201.2
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)		BIRAC	0	41.6
		FIST- BIO	0	70
		BITS Alumi Batch 1966-1971	50.77	20.59
		Azim Premji University	11.88	1.81
		FIST Pharmacy	69.00	0
<b>Total Rs in Lakh</b>			<b>3331.288</b>	<b>2342.14</b>

**B) 2.6 & 3.11****Innovative Process adopted by the institution in Teaching and Learning****a) Activities of Teaching Learning Centre (TLC):**

BITS Pilani has received several accolades for empowering its students through excellence in teaching-learning and other academic processes throughout the history of its existence. From almost half a century, it evolved unique practices and started to pay significant attention to keep a high level of quality in the teaching- learning processes. Its structure and culture have made it possible for even average individuals to perform in an excellent manner through continuous improvement and team based approach. All this have helped the institute to build remarkable reputation among the student aspirants as well as employers of its graduates. The modern times have thrown several significant opportunities as well as challenges upon the educators. The institute is seriously working to evolve the best possible solutions for the teaching learning community. To further this goal, the institute has set up Teaching Learning Centres (TLC) at its four campuses at Pilani, Dubai, Goa and Hyderabad in June, 2015 with a vision to maintain and foster a thriving culture for excellence in teaching-learning across its campuses. The mandate for the TLC includes

- Support professional development of faculty and technical support staff involved in teaching
- Encourage research and innovation in the teaching learning process
- Train instructors in technology enhanced learning
- Develop modes of recognizing and rewarding teaching excellence (innovative and effective)

To fulfil the mandates, TLC regularly conducts Intensive Teaching Workshops, seminars, conferences, conventions, open forum discussions, debates, etc. and also organizes invited talks by eminent scholars from across the globe.

**b) Activities of Intensive Teaching Workshop (ITW):**

BITS Pilani has been organizing Intensive Teaching Workshop for its newly inducted faculty members for last four decades. In this workshop the newly inducted faculty members are given opportunity to make a few classroom presentations before a group of senior faculty members and their peers who have also joined the institute recently. The senior faculty members observe their presentations and give their feedback on various aspects of their presentations. This workshop has been being organized to help the young faculty members strengthen their classroom teaching performance. Through this workshop the young faculty members are also introduced to the BITS system of academics which includes academic regulations, classroom teaching, testing and evaluation and other related aspects. Till the Teaching Learning Centres (TLC) were established in 2015, this workshop was organized by

the Instruction Division but now it is organized by TLC of the respective campuses. TLC has brought some changes in the format of this workshop. Now it is organized in two parts.

The first part of the Intensive Teaching Workshop is a 2-3 days long workshop where senior faculty members of the institute who are known for their teaching skills conduct sessions on 10 different modules which are as follows:

- M1-Setting the Stage
- M2-Beginning with Basics
- M3-Student Learning at the University
- M4-Learning Processes
- M5-Evaluation of Student Learning
- M6-Reflective Teaching
- M7-Technology Enhanced Learning and Varied Learning Groups
- M8-Supporting our Students
- M9-Ethical Practices
- M10-Looking at the Mirror

The second part of ITW focuses on classroom teaching practices where newly inducted faculty members are asked to make 2 presentations each, one using blackboard and the other one with a mix of PPT and blackboard, before a group of senior faculty members and their peers who have also joined the institute recently. The senior faculty members observe their presentations and give their feedback on various aspects of their presentations. This part of ITW is conducted over a period of 2 to 3 months. All the presentations are video recorded and videos are made available to the participating faculty members for their self-observation.

TLC Hyderabad 2018-19

#### **Events Organized**

- "A 2-days long **Intensive Teaching Workshop (ITW)** for the newly inducted faculty members was conducted during 22nd - 23rd March, 2019. The first day of ITW was supervised by an external resource person, Dr. Pratima Khandelwal. Dr Khandelwal conducted 4 different sessions during which she shed light on Bloom's Taxonomy and also introduced the participants to different teaching tools like active learning. On the second day, Prof. Vasanth presented the details of academic regulation to the participants. After that, Prof. Sundar interacted with the participants briefly and shared his views on Teaching and Pedagogy. Then Prof. Manoj Kannan and Prof. Tapomoy Guha Sarkar from Pilani campus administered modules focusing upon 1. Learning outcome and assessment, 2. Reflective teaching and 3. Ethical practices. At the end, Prof. Kannan Ramaswamy threw light on how to provide emotional support to students when required."

- **Intense Teaching Workshop** - The Teaching Learning Centre organized a two-day workshop during 26th - 27th Oct, 2018 for the newly inducted faculty members wherein newly inducted faculty members were introduced to the ethos and pedagogical values at BITS and familiarized with some of the issues and guidelines related to Teaching and Research. Prof. Anupam Bhattacharya and Prof. A Vasan delivered talks on "Introduction to SRCD" and "Introduction to AUGSD" respectively. During this Workshop, some of the senior faculty members participated as Panel Members in Discussion Session and Situation Analysis and shared their ideas on different topics of relevance. Prof. G. Sundar also addressed the new members briefly and provided his valuable views on administering teaching responsibilities.
- The TLC organized a workshop on "**Strategies to improve research writing skills**" for all the research scholars on 1st Feb, 2019. Around 120 research scholars from all the departments attended the workshop. The objectives of the workshop were –
  - a. Discuss strategies which can help PhD students become more independent in planning and writing their dissertation and research papers;
  - b. Familiarize them with how to divide each section of a research report into much smaller writable units;
  - c. Discuss strategies to counter issues such as maintaining coherence, avoiding plagiarism, utilizing an annotated bibliography, etc.
- TLC along with the ACC organized "**Coffee with Professor**" on 31st Jan, 2019 which is a forum for discussion between the students and faculty members. The theme of the discussion was "How to improve the classroom engagement?"
- TLC organized an exposition on **Evolved Classroom Teaching** - The Teaching Learning Centre constantly interacts with the faculty members across the departments seeking ways to enhance the overall teaching and learning experience in the institute. Based on this exercise, the TLC started collaborating with a few departments towards making the classroom teaching more engaging and exciting by bringing in innovation, demonstrations and technology to the classrooms. TLC organized a session on 12th Feb, 2019 when a few faculty members from 5 different departments discussed and exhibited the novel and neoteric pedagogical activities they have designed to be incorporated in their classrooms. The session was also a forum for further exchange and dissemination of ideas among the faculty members. The following ideas were discussed –
  - **Department** - CSIS, Instructor - Dr. Narasimha Bolloju  
Title: Engaging students in the classroom using different types of polls;
  - **Department** - Biology, Instructor - Dr. Pragya Komal, Dr. Ruchi Jain Dey  
Title: A Demonstration to display importance of Personal Hygiene and Microorganism
  - **Department** - Physics, Instructor - Dr. Kannan Ramaswamy, Dr. Prashant Samantray  
Title: An active demonstration of Coriolis Force. Audience can participate and feel this force!
  - **Department** - EEE, Instructor - Dr. Radhika Sudha, Dr. Syed Ershad Ahmed  
Title: Linking Practical to Theory for better understanding - A demo class of Network theorems; Maximum Power Transfer Theorem
  - **Department** - Chemistry, Instructor - Dr. Durba Roy  
Title: Perceiving not-so-obvious but ubiquitous quantum mechanics through demonstrations.



### **Conference Participation:**

- Dr. Santosh Mahapatra and Dr. Rahul Nigam attended DIDAC India 2018 in Delhi during 4<sup>th</sup> – 6<sup>th</sup> Oct, 2018 which is a meet of educators from all over India. The participation was financed under TLC Budget/Travel.
- Dr. Rahul Nigam participated in the 3 day long “International Conference on Digital Pedagogies” in AICTE, Delhi during 1st – 3rd April, 2019. The participation was financed under TLC Budget/Travel.

**New plans for next year:** To start a quarterly journal focusing on various modern pedagogical techniques.

### **TLC Activities from September 2018 till May 2019**

The fourth “Teaching Learning Centre” committee for Pilani Campus was formed in September of 2018 with Dr. Kaushar Vaidya as the head (more on TLC: <https://www.bits-pilani.ac.in/tlc/Pilani/index.html>). With 10 members from 10 various departments, three senior faculty members as mentors, a research consultant from IIT Kharagpur and a few student volunteers, the new committee started working towards strengthening the work of the previous committees as well introducing new ideas/concepts to facilitate a greater learning environment through stakeholders’ participation in Pilani campus. The following report gives a brief overview of all the activities that the TLC had undertaken from September 2018 till May 2019.

### **Invited Speakers:**

- The TLC had its first guest speaker in Mr. Scott Hartley, a Venture Capitalist and author of the book “The Fuzzy and The Techie”. He delivered a lecture to BITS students on “Human Skills in our Technical World” on September 10, 2018.
- Prof. Usha Subramanian from the Myanmar Institute of Information Technology gave a guest lecture on Saturday, 23<sup>rd</sup> February 2019 from 3 pm for an hour followed by a discussion. Prof. Subramanian, a BITS alumnus, and a former faculty at the Department of Computer Science in Pilani Campus, in her talk titled "Teaching and Assessment - Experiences from BITS and MIIT", discussed how teaching and assessment should be learning- and learner- oriented.

**Panel Discussion:** On 17/11/2018, the TLC, along with the Humanities and the Social Sciences Department, Pilani Campus, hosted Prof. Saikat Majumdar, a noted writer and a faculty member at Ashoka University. A panel discussion titled “Undergraduate Education in India” was organized based on Prof. Majumdar’s book, “College: Pathways of Possibility”, where Prof. Ashoke K. Sarkar, Prof. Chandra Shekhar and Prof. Sanjiv K. Choudhary participated along with Prof. Majumdar. Dr. Manoj Kannan moderated the panel discussion.

### **Delegation and Visits:**

- Dr. Pankaj Kumar Sharma and Dr. Manoj Kannan attended a workshop conducted by Dr. Eric Miller, Director, World Storytelling Institute, in Chennai, during 22nd - 25th

December, 2018. The theme was based on how storytelling can be used to teach science subjects, dwelling upon potential questions that can be asked to invite discussion in class through elements of storytelling and case studies.

- Dr. Tamali Bhattacharyya presented a paper titled “*Improving the Quality of Technical Education using Pedagogical Instructional System Design*” in the Future of Learning Conference, Learning 4.0: Connecting the Dots; Reaching the Unreached, during January 4 to January 5, 2019 in IIM Bangalore. Dr. Jayashree Mahesh had also attended the conference.
- Dr. Kaushar Vaidya and Dr. Manoj Kannan presented a paper titled “*Intensive Teaching Workshop – An Institutionalized Program for Educator Training at BITS Pilani*” in the National Teachers’ Congress at MIT World Peace University in Pune during January 4 to January 6, 2019.
- Dr. Kaushar Vaidya attended the launching of Asian Society of Engineering Education (AsiaSEE) ceremony on 8<sup>th</sup> May 2019 at the University of Hong Kong. As a founding member of AsiaSEE, Dr. Vaidya along with delegates of over twenty institutes/universities from Asia signed a vision document of the society. By joining this society, BITS Pilani, joins other reputed engineering institutes, and commits itself to contribute towards the advancement and enhancement in engineering education via research and practice for the future generation.

**Intensive Teaching Workshop:** The TLC conducted an Intensive Teaching Workshop (ITW) for 16 newly recruited faculty members. The entire exercise was divided into two major segments: ITW 1 and ITW 2. The ITW 1 saw ten modules presented by various domain experts. The inducted faculty members enjoyed the background information provided in these sessions and enthusiastically interacted with the resource faculty. The ITW 2 saw two presentations by the participating faculty members, one only based on blackboard, and, the second a mixed presentation involving board work and slides. The 16 members were divided into three groups with 6 resource faculty on each group, for interacting and giving feedback. The inducted faculty members were also given options of sitting in “open” classes to have hands-on experience on pedagogical practices that they could emulate from their colleagues. Few faculty members from various departments “opened” up their classes for the same. The participating faculty members liked this experiment very much.

**SEER:** TLC BITS Pilani introduced a new talk series to enhance the teaching-learning discussions among the faculty members across the disciplines on campus. The SEER (Sharing Experience and Educational Research) series is envisioned to be a once in a month TLC forum activity to discuss research articles in teaching-learning and to share unique pedagogical practices by the BITS faculty members. It was planned that a SEER session would typically have two sessions of thirty minutes each where a faculty member would present his/her research on pedagogy and its best practices in the first half, while another faculty member would share his/her teaching experience with the BITS community. The aim is to generate discussion and debate and to learn from each other.

- The **first session** of SEER was held on 31/01/2019 where Dr. Pankaj Kumar Sharma from the Department of Biological Sciences discussed a paper titled “*Can*

*Undergraduate (Biology) Students Learn to Ask Higher Level Questions?*” by G. Marback-Ad and P.G. Sokolove. Prof. Ashoke Sarkar, our Director for Pilani campus, shared his valuable experience regarding teaching in BITS Pilani in the second half of the session.

- The **second session** of SEER took place on 28/02/2019 where Dr. Kaushar Vaidya from the Department of Physics discussed a paper titled “*Peer Instruction: Ten years of experience and results*” by Catherine Crouch and Eric Mazur. Prof. P. Srinivasan from the Department of Mechanical Engineering shared his insightful experience of classroom teaching in BITS Pilani.

**Essay Writing Event:** On 14/02/2019 TLC organized a 700-1000 words essay writing event for the students. Keeping in mind to engage our biggest stakeholder in the teaching-learning process, the students were asked to muse upon a topic titled “If I were a Professor”. A total of 26 students including 6 research scholars participated in the essay writing. Based on the evaluations of a six-member committee comprising of BITS faculty, eight essays are chosen in the top five ranking (with a tie in the 1st, 2nd, and the 5th position). The winners are invited to share their key ideas with the BITS community in an hour-long function on 05/04/2019. The session was well attended by both students and faculty and the winners enthusiastically participated in a Q&A session after their presentations. The winners were felicitated by our Director, Prof. Ashoke Sarkar, and all participants received a certificate of participation.

**Workshop:** The Teaching Learning Centre of BITS Pilani, Pilani Campus had organized a two-day workshop on Team Based Learning on 8<sup>th</sup> and 9<sup>th</sup> of March, 2019. The resource person, Dr. Preman Rajalingam, is an Assistant Dean, Educational Development and a Senior Lecturer, Medical Education in Nanyang Technological University, Singapore. He introduced the concept of “Team based Learning” (TBL) and “Problem based Learning” (PBL) to the participants and offered hands-on exercises and discussion on student-centred approaches to learning in three consecutive sessions. The workshop is well-attended by BITS Pilani faculty members, totaling 41, with 04 from Goa campus and 01 from Hyderabad campus.

S. No.	Activity	Campus	No. of Participants	Duration
1	Prof. Vijay Singh from Centre for Excellence in Basic Sciences Mumbai gave seminar on 20 <sup>th</sup> September 2018. The title of the seminar was “Science education - An art or a science”.	Goa Campus	20	1-hr session
2	Prof. Raman from Ex-Prof Emeritus of BITS Pilani gave seminar on 01 <sup>st</sup> October 2019. The title of the seminar was “Teaching at BITS - experience sharing”.	Goa Campus	45	1-hr session
3	Prof. Deshdeep Sahdev (Quazar Tech and ex faculty from IIT Kanpur) gave seminar on 30 <sup>th</sup> October 2018. The title of the seminar was “A Case-Study of a Growing Synergy between Teaching & Research”.	Goa Campus	30	1-hr session
4	Dr. Nilak Datta from BITS Pilani K K Birla Goa campus gave seminar on 14 <sup>th</sup>	Goa Campus	15	1-hr session

<b>S. No.</b>	<b>Activity</b>	<b>Campus</b>	<b>No. of Participants</b>	<b>Duration</b>
	November 2018. The title of the seminar was “How to Address the Elephant in the Room: Pedagogy and Student Motivation in College-Level Teaching Through Ken Bain’s What the Best College Teachers Do (2004)”.			
5	Prof K. Bindumadhavan, (Associate Professor, Management - Finance, Off Campus Programs, BITS Pilani Hyderabad) gave seminar on 11 <sup>th</sup> January 2019. The title of the seminar was “How and Why of Building Case Studies in Pedagogy”.	Goa Campus	15	2-hr session
6	Prof. Rajesh Mehrotra from Teaching-Learning Center attended the “National Teachers Congress” Conference held in MIT College Pune from 04 <sup>th</sup> to 06 <sup>th</sup> January 2019.		01	
7	Dr. Pankaj Sharma from BITS, Pilani – Pilani Campus gave seminar on 01 <sup>st</sup> March 2019. The title was “The Art of Questioning”.	Goa Campus	25	1-hr session
8	Prof. Rajesh Mehrotra & Prof. Gaurav Dar from Teaching-Learning Center attended the workshop “Team-based learning” on 9 <sup>th</sup> March 2019 at Pilani campus. The workshop was organized by TLC Pilani Campus.		02	
9	Dr. Manoj Kannan, from Pilani Campus gave a seminar on 30 <sup>th</sup> March 2019. The title of the seminar was "Connecting to, Communicating with, and Caring for Students".	Goa Campus	25	3-4 hours
10	The 1st part of Intensive Teaching Workshop (ITW-1) for new faculty members was held on 29 <sup>th</sup> - 30 <sup>th</sup> March 2019. Numbers of participants in the workshop were twenty-one.	Goa Campus	21	Full day on 29 <sup>th</sup> & half day on 30 <sup>th</sup>
11	The 2nd part of Intensive teaching workshop (ITW-2) was held on 20 <sup>th</sup> April 2019. 24 new faculty members participated in the workshop.	Goa Campus	24	2-3 hours
12	TLC provided research funding to two projects:	Goa Campus	02	Period of 6 months starting from 19-Jan-2019

<b>S. No.</b>	<b>Activity</b>	<b>Campus</b>	<b>No. of Participants</b>	<b>Duration</b>
	<p>1) “EMT1 Pedagogy improvement – Describing the initial student state of learning attitude and nature of conceptual difficulties in electricity &amp; magnetism” submitted by Prof Raghunath Ratabole from Physics Department.</p> <p>2) “Impact of Different Pedagogical Approaches to Teaching Film and Literature in an Engineering Curriculum” submitted by Prof Geetha Bakilapadavu of Humanities &amp; Social Sciences Department.</p>			

**3.16 Number of Patents received this year  
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

**Pilani Campus**

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

S. No.	Name of Inventors	Department	Title	Patent Application Number	Date of Filing provisional	Date of Filing non-provisional
			preparing the same			

### Patents granted

#### Patents granted in Pilani Campus during academic year

S. No.	Name of Inventors	Department	Title	Patent Application Number	Date of Filing	Date of Filing non-provisional	Status
1	<b>Dr. Dalip Kumar</b> and Mr. Gautam Patel	Chemistry  Applicant: <b>"THE REGISTRAR, BIRLA INSTITUTE OF TECHNOLOGY &amp; SCIENCE"</b>	Sulfoximine Derivatives as Anticancer Agents	2973/DEL/2010	13 Dec-2010.	December 8, 2011	<b>Granted</b>  Patent number: <b>296365</b>
2	<b>Sachin Ulhasrao Belgamwar</b> and Dr. Niti Nipun Sharma	Mechanical Engineering  Applicant: <b>"THE REGISTRAR, BIRLA INSTITUTE OF TECHNOLOGY &amp; SCIENCE"</b>	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	<b>Granted</b>  Patent number: <b>296391</b>
3	Jain, N., Bhargava, A. and <b>Panwar, J.</b>	<b>Department of Biological Sciences</b> Applicant: Indian Council of Agricultural Research	Biosynthesis of ZnO nanoparticles	1439/DEL/2011		May 19, 2011	<b>Granted</b>  Patent number: <b>296944</b>

**Number of faculty from the Institution who are Ph.D. guides and Students registered under them**

**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 in human non-small cell lung cancer cell lines cultured invitro.



Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
	2016PHXF0001G	Angela Samanta	Biological Sciences	Full Time	Study of the Effects of Quinacrine on Human Breast and Colon 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 Shaikat	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

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					(tribological) performance
Dr. Aswini Kumar Mishra	2013PHXF0509G	Anil kumar	Economics	Part Time	Comprehensive Health Insurance in the 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

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					and DO 178b/C complaint Real Time Scheduler for Robotics/Avionics like applications
Dr. C. K. Ramesha	2013PHXF0409G	Khairnar Vikas Vishnu	Elect & Electro/Instru	Full Time	Design and Development of 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

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	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, 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	

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Dr. Gautam Bacher	2017PHXP0422G	Deshpande Shreyas Sureshrao	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>
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

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					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 BHAGWANRA O SHINDE	Mechanical Engineering	Full Time	Crashworthiness Study 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 Rhizophora 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

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					for smart grid applications
	2014PHXF0408G	K. LAXMINARSIMHA 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 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

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					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 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>



Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
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
	2017PHXF0414G	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 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

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	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/ Instru	Full Time	<i>To be approved</i>
	Dr. P. Bhavana	2013PHXF0004G	Srimanta Halder	Chemistry	Part Time
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	Sayantan Ganguly	Mathematics	Full Time	<i>To be approved</i>

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
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 Yadaorao	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
	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>

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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 Vasantao Patil	Mechanical Engineering	Part Time	Investigations on Performance of 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

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
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 Mechnism 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
	2014PHXF0009G	GAUDE AJAY RAMCHANDR A	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
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

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	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 Engineering	Faculty	Improving 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

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					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	Iftekhari 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 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

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					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 Polyolefins (CPO), Paraffin Wax (CPW) and Di-Chlorohydrin (DCH) production
	2017PHXP0447G	Puneeth Tuppaturi	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>
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



Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					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>
Dr. Utpal Roy	2010PHXF0813G	Gautam Krishnan	Biological Sciences	Full Time	Novel Intervention strategies to prevent Neurodegenerative disease(s) 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

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					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 disease(s) 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 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

Name of Supervisor	Stundet ID	Student Name	Department	Category	Title
					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 Number of Ph.D. awarded by faculty from the Institute:**

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 Chalasani	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	Experimental and Theoretical Studies on

S.No	IDNO	Name	DEPT	Supervisor & Co-Supervisor	Title
				Prof. Raghunath Behera	Reversible Deactivation Radical Polymerization of N-arylitaconimides 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

S.No	IDNO	Name	DEPT	Supervisor & Co-Supervisor	Title
24	2010PHXF0022G	Dhongdi Sarang Chandrashekhkar	EEE	Prof. K. R. Anupama Prof. Lucy J. Gudino	Development of Energy Efficient Network Architecture and Protocol Stack for Underwater 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
<b>FD</b>	<b>HD</b>	<b>PhD</b>	<b>Total</b>		
9	6	8	23	4637	0.00496
2nd sem 16-17					
<b>FD</b>	<b>HD</b>	<b>PhD</b>			
13	3	10	26	4496	0.005783
		Grand Total	49		

**1.7 Details of Campus Placement**

(Some companies visited multiple times during the year, List of Distinctive Companies visited during the semester below)

<b>Serial No</b>	<b>Companies in AY 2018-19</b>
1	159 Solutions
2	Abinbev
3	Accenture
4	Accolite
5	Acko General insurance
6	Aditya Birla Capital
7	Aditya Birla Group (Hindalco)
8	Aditya Birla Mangement Group
9	Aditya Birla Science & Technology
10	ADM Agro
11	Adobe
12	Aeques
13	Affle India Limited
14	Afour technologies
15	Aizant
16	Alfa Laval
17	Amadeus Labs
18	Amara Raja
19	Amazon
20	Amdocs
21	American Express
22	Amity Software Pvt Limited
23	Analogic
24	Angara Inc
25	Angel Broking
26	AppDynamics
27	Apple
28	Arcesium
29	Arete Advisors
30	ARM
31	Arup
32	Arvee Associates
33	Ascent Health and Wellness Solutions
34	Ashoka Buildcon
35	ATCS



<b>Serial No</b>	<b>Companies in AY 2018-19</b>
36	Atlassian
37	Auquan
38	Aurigene
39	Aurobindo Pharma
40	Axis Bank
41	Axtria
42	Axxela Advisory Services
43	Bajaj Allianz
44	Bajaj Auto
45	Baldor Technologies
46	BCC
47	Becton Dickinson Technology Campus India LLP
48	Beehyv
49	Belong Technologies
50	Bizacuity
51	BloomchemAG
52	Blue Jeans Network
53	BLUEJAYS GLOBAL TROTTERS
54	BNY Mellon (US)
55	Boston Consulting Group
56	Brain Labs Digital Limited (UK)
57	Breathing Rooms
58	Bridgestone
59	Bristol-Myers Squibb(Biocon)
60	BSCPL Infra
61	Byju's
62	Cadence Design Systems
63	Cairn India
64	Capgemini
65	Capillary Technologies
66	Certara
67	CGI
68	Cipher Research Group
69	Cipla
70	Cisco
71	Citi Bank
72	CloudCherry
73	Codenation
74	Cogneau
75	Cognizant

<b>Serial No</b>	<b>Companies in AY 2018-19</b>
76	Cogoport
77	Cohesity
78	Collins Aerospace
79	Commscope
80	Crane CPE
81	Credit Suisse
82	Credo Life Sciences
83	Crowdchat
84	Cyient
85	Cypress
86	Dalberg
87	Dar Group
88	DataM Intelligence
89	DE Shaw
90	Delhivery
91	Dell
92	Deloitte
93	DEP India
94	Deutsche Bank
95	Direct I
96	Dorsh Consult India
97	Dr Reddy's Lab
98	DRIP Capital Services India
99	Egovernments Foundation
100	Elucidata
101	Endurance
102	Envision Wind Power
103	Epsilon
104	Espressif Systems
105	Evalueserve
106	EXL Services
107	Exponentia Datalabs
108	Exxon Mobil
109	EY
110	Facebook (UK)
111	Fanatics
112	Fico
113	Fidelity Investments
114	Fiorano
115	Flipkart

<b>Serial No</b>	<b>Companies in AY 2018-19</b>
116	Flow Traders(Singapore)
117	Forbes Marshall
118	Fractal Analytics
119	Freshworks
120	Futures First
121	GAIL
122	Garrett
123	GDRC
124	GE India
125	Genpact
126	Geny Medium
127	GEP
128	GGK Technologies
129	GMR
130	Goldman Sachs
131	Goodera
132	Google (Ireland)
133	Goscale(SDOD Technologies)
134	Grand View Research
135	Greenko Group
136	Grey Orange
137	Hardik Nayak Investments
138	HBL Power Systems
139	HCL
140	HDFC Life
141	Healthcare Technologies
142	Here Maps
143	Himachal Futuristic Communications Ltd
144	Hindustan Zinc
145	Histogenetics
146	Honeywell
147	HSBC
148	Hyperdart Technologies
149	IBM
150	ICICI Bank
151	Ideas-SAS
152	IDfy
153	IMI Mobile
154	Impact Analytics
155	Indeed

<b>Serial No</b>	<b>Companies in AY 2018-19</b>
156	Indiamart
157	INDOSPIRIT
158	Indus Insights
159	Indus Valley Partners
160	Infineon Technologies
161	Infinera
162	Infor
163	Infosys
164	Infoworks
165	Ingersoll Rand
166	Inmobi
167	Intel
168	Intuit
169	IOCL
170	I-PAC
171	IQVIA
172	ISGEC
173	Jarvis Technologies
174	JDA Software
175	Jivox
176	John Deere
177	Joveo
178	JP Morgan & Chase
179	JP Morgan & Chase-Quant Finance
180	JP Morgan Services
181	JSW
182	Juniper Networks
183	JW Consultants
184	Karvy
185	KBR
186	Kinara Capital
187	KPIT(Germany)
188	KPMG
189	Kristal.AI
190	Kruzer
191	Kubric
192	L&T
193	L&T Infra Engg Ltd
194	Lavelle Networks
195	Lightplane Technologies

<b>Serial No</b>	<b>Companies in AY 2018-19</b>
196	Lithium Technologies
197	Lowes
198	Make My Trip
199	Manpower Group
200	Manthan Advisors
201	Markets & Markets
202	Maruti Suzuki
203	Marvell Semiconductors
204	Mastercard
205	Mathworks
206	Maybank
207	Mcafee
208	Mckinsey & Co
209	Media IQ Digital
210	Mediatek
211	Medplus
212	Mercedes-Benz R&D
213	Merilytics
214	Michilin
215	Microland
216	Microsoft GSMO
217	Microsoft IDC
218	Moog India Technology
219	Morgan Stanley
220	Morning Star
221	Mylan Labs
222	Myntra
223	Naggaro
224	National Instruments
225	NCR Corporation
226	Nestle
227	NetApp
228	Netcore
229	NetSkope
230	Newgen Software
231	Nomura
232	Novartis
233	Nucleus Software
234	Nutanix
235	Nvidia Graphics

<b>Serial No</b>	<b>Companies in AY 2018-19</b>
236	Ola Cabs
237	Open Silicon
238	Optimus Rid (US)
239	Optiver (Singapore)
240	Optum
241	Oracle
242	Orbees
243	Oyo Rooms
244	PayPal
245	PayU
246	Petasense
247	Pfizer
248	Pharma Ace Analytics
249	Phenom People
250	Philips
251	Piramal Group
252	Pokarna
253	Postman
254	Praj Industries
255	Price Waterhouse Coopers(PwC)
256	Publicis Sapient
257	Q3 Technologies
258	Qualcomm
259	Quantiphi
260	Quantum Phinance
261	Qubole
262	Quest Global
263	Quintessential Design
264	RAAM Group
265	Ramboll
266	Rao IIT
267	RazorPay
268	RBL Bank
269	Redpine Signals
270	Reflexis
271	Reliance Industries Limited
272	Reliance Jio
273	Report Garden
274	Rivigo
275	ROHM Semiconductors

<b>Serial No</b>	<b>Companies in AY 2018-19</b>
276	Rubrik
277	Rural Electrification Corporation Limited
278	Sagacious Research
279	Sai Life Sciences
280	Salesforce
281	Samhita Social ventures
282	Samsung R&D (Semiconductors Division)
283	Samsung Research Institute,Bangalore
284	Samsung Research Institute,Delhi
285	Samsung Research Institute,Noida
286	SAP Labs
287	Sattva Media Consulting Group
288	Schneider Electric
289	Searce
290	ServiceNow
291	Shadowfax
292	Siemens
293	SKF
294	Slayback Pharma
295	SlingMedia
296	Smart Analyst
297	Society Generale
298	Spandana Spoorthy
299	ST Microelectronics
300	Star India
301	State Street Corporation
302	Sterling Engineering
303	Strand Life Science
304	Suven Life Sciences
305	Suzlon
306	Swiggy
307	Symphony AI
308	Synopsys
309	Tally Solutions
310	Target
311	Tata Advanced Systems Limited
312	Tata Auto Components
313	Tata Steel
314	Tata Technologies
315	Tata Teleservices

<b>Serial No</b>	<b>Companies in AY 2018-19</b>
316	Tata Trust
317	TCG
318	TCS
319	TE Connectivity
320	Techolution
321	Tejas Networks
322	Telstra
323	Teradata
324	Tesco
325	Tesco Analytics
326	Texas Instruments
327	The Smart Cube
328	Thermax
329	Thermo Fisher
330	Thornton Tomasetti
331	Thorogood Associates
332	Times Internet
333	TMEIC Industrial Systems
334	Toshiba
335	Tower Research Capital
336	Tresvista Financial Services
337	Trident
338	TVS Capital
339	Uber
340	UBS
341	Udaan
342	Unacademy
343	United Online
344	United Technologies Corp(UTC)
345	UnitedLex
346	Upgrad
347	Upwards Fintech
348	UST Global
349	Vakil Mehta Seth(VMS) Consultants
350	VB Shilpa(Navya Biologicals)
351	Viacom18 Media Pvt. Ltd
352	Vidya Mandir Classes
353	Vitor Health
354	Vivo Biotech
355	VM Ware



Serial No	Companies in AY 2018-19
356	Wabco Auto
357	Walmart Labs
358	WCB Robotics
359	Western Digital
360	Whirlpool
361	Wipro
362	WNS
363	Worley Parsons India
364	WSP
365	Xceedance
366	Xilinx
367	Xoxoday
368	ZenDrive
369	Zeotap
370	Zifo RnD
371	Zilingo
372	Zinnov
373	Zomato
374	ZS Associates
375	Zydus

**Details of Students Placement**

Campus (Pilani/Goa/ Hyderabad/ Dubai)	Year (eg 2015- 16)	ID No	Name	Semester (First/Sec ond)	Placed (Yes/ No)	Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))
Pilani	2018-19	2014B1A10106P	Kushal Tripathi	Second	No	NA
Pilani	2018-19	2015A1PS0695P	Shivam Vedant	First	No	NA
Pilani	2018-19	2015A1PS0727P	Monark Shrimal	First	No	NA
Pilani	2018-19	2015A1PS0731P	Pratik Bansal	Second	No	NA
Pilani	2018-19	2015A1TS0511P	Debarchan Basu	Second	No	NA
Pilani	2018-19	2015A1TS0787P	Vidushi Chitranshi	Second	No	NA
Pilani	2018-19	2014B5A30484P	Tanmay Verma	First	No	NA
Pilani	2018-19	2015A3PS0213P	Anubhav Sachan	First	No	NA
Pilani	2018-19	2015A1PS0692P	Saurabh Verma	Second	Yes	On-Campus
Pilani	2018-19	2014B2A20692P	Tanmay Jaiswal	Second	No	NA
Pilani	2018-19	2015A2PS0764P	Darshan Bharatbhai Nandasana	Second	No	NA
Pilani	2018-19	2015A4PS0313P	Nemani Guru Naishadh	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0349P	Bande Chandraditya Venkatesh	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0393P	Asad Husain	Second	Yes	On-Campus

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Pilani	2018-19	2014B1AB0058P	Atul Jala	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0781P	Bharat Soni	Second	No	NA
Pilani	2018-19	2015A2TS0461P	Harshit Upadhyay	Second	No	NA
Pilani	2018-19	2015A1PS0612P	Paridhi Gupta	First	Yes	PPO-(PS II)
Pilani	2018-19	2014B3A10532P	Nirabhi Sharma	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0526P	Kapil Sachar	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0592P	Debolina Chakrabarty	First	Yes	On-Campus
Pilani	2018-19	2015A2TS0598P	Akshay Patidar	Second	No	NA
Pilani	2018-19	2015A1PS0803P	Divyansh Gupta	Second	Yes	On-Campus
Pilani	2018-19	2014B2AB0762P	Deepanshu Gurnani	Second	Yes	On-Campus
Pilani	2018-19	2014B4AB0507P	Nikhil Biyani	Second	Yes	On-Campus
Pilani	2018-19	2015A2TS0788P	Abhishek Anand	Second	No	NA
Pilani	2018-19	2014B2A30563P	Sonali Rajesh Medani	Second	No	NA
Pilani	2018-19	2015A1PS0718P	Aditya Abhishek	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0309P	Deshpande Shaunak Shirish	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0333P	J Praveen	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0351P	Arghae Singh	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0447P	Pranav Mittal	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0717P	Shivam Jaiswal	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0722P	P Abhinav	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0669P	Tanmay Jain	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0105P	Shrey Goyal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A1PS0712P	Ayushi Agarwal	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0748P	Abhishek Murti	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0480P	Ummay Aiman Haidry	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0778P	Arpita Bhadresh Shah	First	Yes	Off-Campus
Pilani	2018-19	2015A1PS0635P	Anmol Gupta	First	Yes	Off-Campus
Pilani	2018-19	2015A2PS0586P	Aakash Bajaj	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A2PS0473P	Swapnil Khandelwal	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0794P	Ankit Ahuja	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0817P	Priyanshi P Gupta	First	Yes	PPO-(PS II)
Pilani	2018-19	2013B2A20826P	Spandana Buddhavarapu	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0648P	Aadarsh Maharia	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0763P	Amit Soni	First	Yes	PPO-(PS II)
Pilani	2018-19	2014B5A30600P	Prabhat Kumar Singh	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0289P	Rudrakh Panigrahi	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0804P	Shaleen Mundra	Second	Yes	On-Campus
Pilani	2018-19	2014B4A40555P	Sahil Kumar	Second	Yes	On-Campus
Pilani	2018-19	2014B4A80785P	Sirpurkar Utkarsh Shrikant	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0810P	Utkarsh Mishra	First	Yes	On-Campus
Pilani	2018-19	2015A2PS0812P	Dhananjay Nahata	First	Yes	On-Campus
Pilani	2018-19	2015A2PS0700P	Ashwani Chhatre	First	Yes	On-Campus
Pilani	2018-19	2015A2PS0701P	Mehta Sanskar Mahesh	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0510P	Aditya Choudhary	First	Yes	On-Campus
Pilani	2018-19	2014B4A30809P	Aayushi Agrawal	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0186P	Tushar Goyal	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0270P	Vutukuri Anoop Reddy	First	Yes	On-Campus
Pilani	2018-19	2014B4A30606P	Arjun Tyagi	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A3PS0241P	Shivani Singh	First	Yes	Off-Campus

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Pilani	2018-19	2015A3TS0020P	Bilwasiva Basu Mallick	First	Yes	Off-Campus
Pilani	2018-19	2014B2A30227P	Riya Sharma	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B4A30807P	Darak Aditya Sundarlal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A3PS0204P	Anamaya Vishal Jha	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A3PS0225P	Akash Kr Manna	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B3A30579P	Agrawal Kapil Ashok	Second	No	NA
Pilani	2018-19	2014B4A30754P	Arjun Gupta	Second	No	NA
Pilani	2018-19	2015A3PS0175P	Gaurav Virmani	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B4A70658P	Apurva Mittal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014A3PS0215P	Sarvagya Aggarwal	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0167P	Abhinav Garg	First	Yes	Off-Campus
Pilani	2018-19	2015A7PS0074P	Neil Wilson	Second	Yes	On-Campus
Pilani	2018-19	2014B2A30365P	Siddharth Shankar Tripathi	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0235P	Tushar Tripathi	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A3PS0161P	Akhil Khandelwal	First	Yes	On-Campus
Pilani	2018-19	2015A5PS0959P	Puranjay Singh	Second	Yes	On-Campus
Pilani	2018-19	2015A5TS0941P	Pratyusha Rao	Second	Yes	On-Campus
Pilani	2018-19	2014B1A10492P	Aeshvarya Mittal	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0156P	Khandelwal Kshitij Gokul	First	Yes	On-Campus
Pilani	2018-19	2014B4A10803P	Shreyash Anand	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0703P	Anchit Bansal	Second	Yes	On-Campus
Pilani	2018-19	2014B1A20347P	Maramreddy Rahul Reddy	Second	Yes	On-Campus
Pilani	2018-19	2014B3A20704P	Shivam Singhal	Second	Yes	On-Campus
Pilani	2018-19	2014B3A20741P	Ashima Ailawadi	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0172P	Devasthale Dhruva Dilip	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0257P	Sankara Prasad R	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0283P	G Srinivasan	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0352P	Piyush Rai	Second	Yes	On-Campus
Pilani	2018-19	2014B2A70358P	Aman Gupta	Second	Yes	On-Campus
Pilani	2018-19	2015A8TS0413P	Shrija Majumder	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0872P	Parth Dhingra	Second	Yes	On-Campus
Pilani	2018-19	2014B1A10297P	Umang Garg	Second	Yes	On-Campus
Pilani	2018-19	2014B1A10636P	Sharad Yadav	Second	Yes	On-Campus
Pilani	2018-19	2014B3A10709P	Ashit Shrivastava	Second	Yes	On-Campus
Pilani	2018-19	2014B5A20872P	Suranshe Rounak Shrawan	Second	Yes	On-Campus
Pilani	2018-19	2014B5A30858P	Sumit Godara	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0266P	Adeesh Bhargava	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0271P	Arkid Kalyan Bera	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0280P	Ram Krishna	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0254P	Suraj Jha	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0137P	Padhye Mohit Yogesh	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0224P	Bhandaru Sai Ruthwik	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A3PS0245P	Saksham Gupta	Second	Yes	PPO-(PS II)

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Pilani	2018-19	2015A3PS0284P	Bhatt Dwait Hitesh	First	Yes	On-Campus
Pilani	2018-19	2015A5PS0940P	Rashi Singhal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A8PS0317P	Sagar Khatri	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B3A10747P	Sameer Kumar Singh	Second	Yes	On-Campus
Pilani	2018-19	2014B3A10790P	Madhur Khandelwal	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0746P	Joshi Neel Ajit	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0643P	Gupta Tarush Omprakash	Second	Yes	On-Campus
Pilani	2018-19	2015A5TS0955P	Prakriti Roy	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0387P	Anshuman	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0494P	Aman Kalra	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0649P	Kush Kanwar	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0826P	Jayesh Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2014B3A10652P	Daswani Karan Prakash	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0800P	Priyanka Prajapat	Second	Yes	On-Campus
Pilani	2018-19	2015A5PS0899P	Ayush Dwivedi	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0002P	Naved Nagi	Second	Yes	On-Campus
Pilani	2018-19	2014B2A30122P	Himanshu Mendiratta	First	Yes	On-Campus
Pilani	2018-19	2014B5A30829P	Rakshith S	First	Yes	On-Campus
Pilani	2018-19	2014B3A30647P	Arnav Anand	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A3PS0275P	Venkatesh S	Second	No	NA
Pilani	2018-19	2015A3PS0198P	Ankush P A	First	Yes	On-Campus
Pilani	2018-19	2015A3TS0237P	Mohammed Danish	Second	No	NA
Pilani	2018-19	2015A3TS0265P	Akash Sonth	Second	No	NA
Pilani	2018-19	2014A5PS0513P	Chandrima Modak	First	No	NA
Pilani	2018-19	2014A7PS0062P	Ayan Khan	First	No	NA
Pilani	2018-19	2014B5A10878P	L Sai Suhas Reddy	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0775P	Shubham Dubey	Second	Yes	On-Campus
Pilani	2018-19	2014B1A40620P	Anindita Singhai	Second	No	NA
Pilani	2018-19	2015A4PS0339P	Sugam Singla	Second	No	NA
Pilani	2018-19	2015A2PS0677P	Guggilapu Mouli Sai Ram	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0353P	Gyandeep Kandregula	Second	No	NA
Pilani	2018-19	2015A4PS0380P	Shreyas Subrahmanya Rao	Second	No	NA
Pilani	2018-19	2015A5PS0906P	Dhanvi Shekhar	Second	No	NA
Pilani	2018-19	2015A4TS0425P	Vishnu Shankar	Second	Yes	On-Campus
Pilani	2018-19	2015A5PS0946P	Aditi Goyal	Second	Yes	On-Campus
Pilani	2018-19	2015A5PS0952P	Srishti Sharma	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0119P	Karri Veera Venkata Reddy	Second	Yes	On-Campus
Pilani	2018-19	2015B5TS0961P	Samridhi	Second	Yes	On-Campus
Pilani	2018-19	2014B1A30632P	Anubhuti Mishra	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0203P	Manik	First	Yes	On-Campus
Pilani	2018-19	2014B5A30861P	Reaa Saxena	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A1PS0482P	Varun Jayant Deoskar	Second	Yes	Off-Campus
Pilani	2018-19	2015A1PS0517P	Satyaki Roy	Second	Yes	Off-Campus
Pilani	2018-19	2015A1TS0495P	K Surya Sidhartha	Second	Yes	Off-Campus
Pilani	2018-19	2014B5A40564P	Sangeet Sourav Sunderroy	Second	Yes	Off-Campus
Pilani	2018-19	2015A4PS0181P	Yashashvi Tiwari	Second	Yes	Off-Campus
Pilani	2018-19	2014B2A10019P	Nikhil Sanghi	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0538P	Pranshu Agarwal	Second	Yes	On-Campus

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Pilani	2018-19	2015A1PS0675P	Haroon Khan	Second	Yes	On-Campus
Pilani	2018-19	2014B1A20258P	Purekar Aniruddha Sunil	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0600P	Rachit Rathore	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0799P	Moluguri Akhil	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0852P	Vikram Singh Chandrawat	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0853P	Ayush Raj	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0857P	Akash Singh	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0256P	Arjun Anil	Second	Yes	On-Campus
Pilani	2018-19	2014B3A40479P	Zanwar Krishna Nandkishor	Second	Yes	On-Campus
Pilani	2018-19	2014B5A40873P	Karan Jain	Second	Yes	On-Campus
Pilani	2018-19	2015A4TS0341P	Sabyasachi Dash	Second	Yes	On-Campus
Pilani	2018-19	2015A4TS0388P	Deshpande Pranav Venkatesh	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0004P	Saima Rashid	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0585P	Utkarsh Varshney	Second	Yes	On-Campus
Pilani	2018-19	2014B5AB0590P	Shreyash Singh Thakur	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0656P	Shivam Jindal	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0739P	Saketh Kumar Dacheppally	Second	Yes	On-Campus
Pilani	2018-19	2014B1A10221P	Suhail Khan	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0762P	Mudit Gattani	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0840P	Mayank	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0855P	Kaushik Mour	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0212P	Dabhadkar Kaivalya Madan	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A4PS0311P	Prasanth Priyan	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0344P	Pranjal Sarin	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0366P	Eshwar Reddy Karne	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0273P	Prateek Rai	First	Yes	On-Campus
Pilani	2018-19	2014B2AB0176P	Kumar Satvik Adarsh Praween	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0738P	Utsav Lalwani	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0726P	Rutwik Narendra Jain	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0178P	Siddhant Gangwal	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0006P	Kavva Rachana	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0278P	Prachi Sharma	Second	Yes	On-Campus
Pilani	2018-19	2014B4A30705P	Yash Jain	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0062P	Bhansali Abhinav Arvind	First	Yes	On-Campus
Pilani	2018-19	2015A5TS0954P	Vedhant Kaul	Second	No	NA
Pilani	2018-19	2015A3PS0087P	Penta Srujan	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0174P	Divanshu Gupta	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0315P	Rishabh Mathur	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0240P	Arpit Kumar Tiwari	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0255P	Pritam Patra	First	Yes	On-Campus
Pilani	2018-19	2014B2A30329P	Vibhor Mittal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B3A30518P	Vaibhav Miglani	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015B1TS0977P	Harshita Verma	First	No	NA
Pilani	2018-19	2015A3PS0208P	Anurup Doshi	First	Yes	On-Campus

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Pilani	2018-19	2015A3PS0233P	Kumar Harsh Patel	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2017H1010027P	Ameer Maqsood	First	No	NA
Pilani	2018-19	2015A3PS0202P	Rahul Unnithan	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A3PS0166P	Ekansh Jain	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0221P	Likhit Teja Valavala	First	Yes	On-Campus
Pilani	2018-19	2014A3A70302P	T Dinesh Ram Kumar	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0238P	Amit Shukla	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0287P	Amirineni Mohit Kumar	First	Yes	On-Campus
Pilani	2018-19	2014B4A10738P	Harshil Manish Bhatt	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0250P	Abhishek Aggarwal	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A3PS0185P	Akarsh Shukla	First	Yes	Off-Campus
Pilani	2018-19	2014B3A30772P	Saylee Motiram Kanadje	Second	Yes	On-Campus
Pilani	2018-19	2014B3A40722P	Saumil Shamsunder Gaonkar	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B5A30822P	Adit Aggarwal	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0041P	Sanket Anandrao Patil	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0220P	Agarwal Vaibhav Sunilkumar	First	Yes	On-Campus
Pilani	2018-19	2014B4A40778P	Chandak Nihal Satyanarayan	Second	Yes	On-Campus
Pilani	2018-19	2017H1010028P	Jethaloja Jaydeep Arvindbhai	First	No	NA
Pilani	2018-19	2015A5PS0918P	Dolly Dhari Singh	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0443P	Nikhil Kumar Roy	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A4PS0434P	Rajeev Aggarwal	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1010033P	Vishakha Gaur	First	No	NA
Pilani	2018-19	2014B3A80721P	Rishabh Saxena	Second	Yes	On-Campus
Pilani	2018-19	2014B1AB0823P	Saloni Sinha	Second	Yes	On-Campus
Pilani	2018-19	2015B4PS0924P	Aditi Saini	Second	Yes	On-Campus
Pilani	2018-19	2017H1010034P	Abhay Shrangraj	First	No	NA
Pilani	2018-19	2015A4PS0357P	Sakansh Mittal	First	Yes	Off-Campus
Pilani	2018-19	2015A4PS0136P	Sishir Suresh Mohammed	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0272P	Aman Bhavik Shah	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0290P	Jain Vaibhav Prithviraj	First	Yes	On-Campus
Pilani	2018-19	2017H1010043P	Harsh Vardhan Jaji	First	No	NA
Pilani	2018-19	2017H1010045P	Nagarkar Adwait Rajendra	First	No	NA
Pilani	2018-19	2017H1010046P	Vennu Revanth	First	No	NA
Pilani	2018-19	2015A4PS0294P	Jai Agarwal	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0410P	Rohit Kumar	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0765P	Aman Kumar Anand	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B1A40384P	Medha Vidyotma	First	Yes	On-Campus
Pilani	2018-19	2014B5A40691P	Kumar Rishabh	First	Yes	On-Campus
Pilani	2018-19	2014B3A30783P	Hejib Shreyas Prashant	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015B3PS0965P	Abhishek Bhageria	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015B3PS0966P	Tarun Kataria	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B5A40844P	Akshay Golechha	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0399P	Vilom Oza	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0409P	Jaiesh Kumar Jain	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0439P	Tushar Sharma	First	Yes	On-Campus

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Pilani	2018-19	2015A4PS0430P	Kunal Gajanan Nandanwar	First	Yes	Off-Campus
Pilani	2018-19	2014B1A40404P	Rishabh Gaur	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A4PS0314P	Neeraj Janardan Gadi	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0460P	Manan Rakesh Mehta	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0303P	Yash Pandya	First	Yes	Off-Campus
Pilani	2018-19	2015A4PS0459P	Abhijith Ravindra	First	Yes	Off-Campus
Pilani	2018-19	2014B5A40830P	Shrikant Mahesh Khandelwal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A4PS0343P	Arnab Panda	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A4PS0173P	Naga Manikanta Surya Bhaskar Bantupalli	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0438P	Devashish Girish Bonde	First	Yes	Off-Campus
Pilani	2018-19	2017H1010048P	G Kameshwar Sharma	First	No	NA
Pilani	2018-19	2015A2PS0752P	Mohit Anand Rayapureddi	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0845P	Prateek Dusad	Second	Yes	On-Campus
Pilani	2018-19	2014B3A40592P	Marathe Vyankatesh Sanjay	Second	Yes	On-Campus
Pilani	2018-19	2015A5PS0931P	Rohan Singh Bhandari	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0090P	Anvita Srinivas	First	Yes	On-Campus
Pilani	2018-19	2014B2A30500P	Brahmkeshwar Shukla	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0180P	Ashwir Ambesh Biyani	Second	Yes	On-Campus
Pilani	2018-19	2014B2A80057P	Udar Chinmay Ganesh	Second	Yes	On-Campus
Pilani	2018-19	2014B2A80410P	Vaibhav Tayal	Second	Yes	On-Campus
Pilani	2018-19	2014B5A80848P	Ashish Bansal	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0293P	Shivam Gusain	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0374P	Dhanush K	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0065P	M Rohith Reddy	Second	Yes	Off-Campus
Pilani	2018-19	2015A7PS0106P	Harjas Singh Bathla	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0129P	Deepak Kumar Kar	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0130P	Utkarsh Vashishtha	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0052P	Varun Agarwal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0163P	Rahul Shiv Chand	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B2A70667P	Adarsh Sanghai	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B5A70717P	Vishal Golcha	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0032P	Suyash Rakesh Patel	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0072P	Bhavanam Sravan Kumar Reddy	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0010P	Namrata Mohanty	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0103P	Aman Raj	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B4A70428P	Jai Agarwal	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0127P	Samip Jasani	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0729P	Sangai Himank Parmanand	Second	Yes	On-Campus
Pilani	2018-19	2015A5PS0902P	Suyash Sharma	Second	Yes	On-Campus

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Pilani	2018-19	2015ABTS0506P	Sai Prasad Ippili	Second	Yes	On-Campus
Pilani	2018-19	2014B1AB0350P	Yash Jakhete	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B4AB0808P	Vibhav Anand	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B1A70880P	Kapil Agarwal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0036P	Aradhya Khandelwal	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0076P	Shivankit Gaiind	First	Yes	On-Campus
Pilani	2018-19	2015A1TS0521P	Sumegh Garg	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0083P	Deepak Guneja	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B5A70849P	Naman Jain	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B1A70213P	Richa Patel	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B2A70863P	Shruti Jasoria	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B3A70605P	Megha Shishodia	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B4A70800P	Anuradha Bansal	First	Yes	On-Campus
Pilani	2018-19	2014B4A10804P	Shivam Anand	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B4A70802P	Vrinda Poddar	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A4PS0448P	Sargun Nagpal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7PS0069P	Anmol Singhal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0126P	Saurabh Aggarwal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B2A10618P	Sri Harsha Panda	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0498P	Anirudh Garg	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0720P	Shreya Pathak	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0037P	Sarthak Nandan	First	Yes	On-Campus
Pilani	2018-19	2014B1A30466P	Siddhant Thakuria	Second	Yes	On-Campus
Pilani	2018-19	2014B4A70821P	Amrit Kochar	First	Yes	On-Campus
Pilani	2018-19	2014B3A40506P	Devansh Chaudhary	Second	Yes	On-Campus
Pilani	2018-19	2014B4A40567P	Ashwin Gupta	Second	Yes	On-Campus
Pilani	2018-19	2014B1A70319P	Satwik Bhattamishra	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0089P	Puli Bharatharatna Deep	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0149P	Mayank Vinay Mundada	Second	Yes	On-Campus
Pilani	2018-19	2014B4A80810P	Siddhant Narula	Second	Yes	On-Campus
Pilani	2018-19	2014B5A80864P	Utkarsh Jain	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0484P	Mudit Sanjay Chandaliya	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0786P	Gaurav Jain	Second	Yes	On-Campus
Pilani	2018-19	2014B4A20610P	Navandar Vedant Shrihari	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0297P	Karan Om Prakash Arora	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0192P	Ishan Gupta	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0338P	Akash Aggarwal	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0402P	Niraj Kumar Mishra	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0014P	Choudhary Twinkle Jayanta	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0051P	Mihir Sirohi	First	Yes	On-Campus
Pilani	2018-19	2014B3A70582P	Rajas Pandey	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0043P	Aayushmaan Jain	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0078P	Naveen Venkat	First	Yes	On-Campus



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Pilani	2018-19	2014B3A70375P	Harshvardhan Maheshwari	First	Yes	On-Campus
Pilani	2018-19	2014B3A70640P	Harsh Goynka	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A2PS0816P	Ashish Gupta	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B5A40799P	Naman Mishra	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A5PS0932P	Tania Nandi	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A8PS0492P	Deepak Kumar	Second	Yes	On-Campus
Pilani	2018-19	2014B5A80841P	Chirag Khatri	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0705P	Harshit Gupta	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0801P	Shubham Ratna Ostwal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7TS0017P	Rohan Saxena	Second	No	NA
Pilani	2018-19	2014B3A40656P	Nilesh Lahoty	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A4PS0356P	Ravish Goyal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A5PS0936P	Jaskirat Kaur Chohan	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B4A70745P	Anmol Bhatia	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B4A70767P	Prateek Gupta	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B5A70571P	Aditya Mukherjee	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B5A70779P	Harshita Goyal	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0057P	Fauzan Zaid Khan	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0112P	Arka Talukdar	First	Yes	On-Campus
Pilani	2018-19	2014B1A70732P	Asim Vipulkumar Shah	First	Yes	On-Campus
Pilani	2018-19	2014B3A70626P	Saakshi Khandelwal	First	Yes	On-Campus
Pilani	2018-19	2015B3PS0967P	Chitra	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B1A10510P	Kriti Khandelwal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B3A10687P	Ankit Gupta	Second	Yes	On-Campus
Pilani	2018-19	2014B5A10845P	Raghav Sharma	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0485P	Vishvas Gupta	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7TS0059P	Nischay Singh	Second	No	NA
Pilani	2018-19	2017H1030117P	Shubham Saini	First	No	NA
Pilani	2018-19	2017H1060192P	Amit Kumar Ghosh	First	No	NA
Pilani	2018-19	2015A2PS0508P	Nabeel Tauheed	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0711P	Shubham Tripathi	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1060198P	Dhruv Tewari	First	No	NA
Pilani	2018-19	2017H1080259P	Lulla Chandni Vijay	First	No	NA
Pilani	2018-19	2017H1080260P	Mandora Shweta Sachindra	First	No	NA
Pilani	2018-19	2017H1120238P	Kunal Kumar	First	No	NA
Pilani	2018-19	2015A3PS0268P	Deshmukh Prasad Chandrashekhar	Second	Yes	On-Campus
Pilani	2018-19	2014B3A40686P	Prateek Behera	Second	Yes	On-Campus
Pilani	2018-19	2014B3A40761P	Kundala Nitish Kishore	Second	Yes	On-Campus
Pilani	2018-19	2014B4A80512P	Piyush Ranjan	Second	No	NA
Pilani	2018-19	2014B4A40641P	Srishti Goel	Second	Yes	On-Campus
Pilani	2018-19	2014B4A40657P	Shubham Garg	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A8TS0334P	Maslekar Shraddha Shriram	Second	No	NA
Pilani	2018-19	2017H1230213P	Aunirban Dutta	First	No	NA
Pilani	2018-19	2015A5PS0926P	Saniya Dasot	Second	Yes	On-Campus

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Pilani	2018-19	2015A7PS0082P	Himangshu Baid	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0134P	Abhinav Mathur	Second	Yes	On-Campus
Pilani	2018-19	2017H1240101P	Nitesh Chandra	First	No	NA
Pilani	2018-19	2017H1240104P	Aniket Naren Kundu	First	No	NA
Pilani	2018-19	2017H1240109P	Siddharth Iyer	First	No	NA
Pilani	2018-19	2015A8PS0465P	Jindal Shubham Umesh	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B4AB0597P	Utkarsh Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0419P	Atul Kumar	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015ABPS0870P	Krishnam Sharda	Second	Yes	On-Campus
Pilani	2018-19	2017H1240110P	Naveen B L	First	No	NA
Pilani	2018-19	2017H1240113P	Ankur Srivastava	First	No	NA
Pilani	2018-19	2017H1290003P	Sinduja Ramanan	First	No	NA
Pilani	2018-19	2015A1PS0687P	Saransh Mohanty	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0018P	Shah Shrey Amiya	Second	Yes	On-Campus
Pilani	2018-19	2014B2A40611P	Hucheche Simantini Ambadas	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0365P	Naveen Kumar Gembali	Second	Yes	On-Campus
Pilani	2018-19	2014B2A80349P	Tushar Kaushik	Second	Yes	On-Campus
Pilani	2018-19	2014B3A70718P	Saurabh Shankar Shetty	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0095P	Mendu Venkatasai Sarath Chandra	Second	Yes	On-Campus
Pilani	2018-19	2014B3A80707P	Mayur Krishna Gupta	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0405P	Rushabh Pravin Gangwal	Second	Yes	Off-Campus
Pilani	2018-19	2015A1TS0791P	Kabir Ahuja	Second	Yes	On-Campus
Pilani	2018-19	2014B1A30455P	Richa Mishra	Second	Yes	On-Campus
Pilani	2018-19	2014B4A30768P	Mayank Goel	Second	Yes	On-Campus
Pilani	2018-19	2014B5A30706P	Shrey D Shah	Second	Yes	On-Campus
Pilani	2018-19	2014B5A30850P	Raja Shukla	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0304P	Anirudh Tandon	Second	Yes	On-Campus
Pilani	2018-19	2014B3A70748P	Aman Agrawal	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0132P	Pratyush Dubey	First	Yes	On-Campus
Pilani	2018-19	2014B2A70201P	Aman Gupta	First	Yes	On-Campus
Pilani	2018-19	2014B3A70836P	Mayank Gupta	First	Yes	PPO-(PS II)
Pilani	2018-19	2014B5A70869P	Jayant Jain	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0061P	Pasumarthi Jayanth	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7PS0102P	Kondapi S Sanjay Srivastav	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0138P	Sanchit Khanna	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0201P	Tallam Kumar Kaushik	First	Yes	On-Campus
Pilani	2018-19	2014B1A70485P	Nabarun Gogoi	First	Yes	On-Campus
Pilani	2018-19	2014B2A70220P	Maitri Shastri	First	Yes	On-Campus
Pilani	2018-19	2014B3A70743P	Siddharth Nagpal	First	Yes	On-Campus
Pilani	2018-19	2014B3A70749P	Lovish Arora	First	Yes	On-Campus
Pilani	2018-19	2014B4A70530P	Govind Mittal	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0063P	Sravan Sri Harsha Gurajapu	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0094P	Lohit Gupta	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0128P	Nikhari Maheshwari	First	Yes	On-Campus
Pilani	2018-19	2014B2A70644P	Subham Swastik Dora	First	Yes	On-Campus
Pilani	2018-19	2014B3A70435P	Tushar Arora	First	Yes	On-Campus
Pilani	2018-19	2014B5A70853P	Sachin Misra	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0034P	Devansh Ghatak	First	Yes	On-Campus

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Pilani	2018-19	2014B2A40133P	Aniket Agrawal	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0139P	Dhananjay Mantri	First	Yes	On-Campus
Pilani	2018-19	2014B2A70238P	Yash Bansal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A8PS0327P	Alanckrit Jain	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0491P	Narula Devesh Ashwani	Second	Yes	On-Campus
Pilani	2018-19	2014B3A30426P	Yash Joshi	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0876P	Neha Kumari	Second	Yes	On-Campus
Pilani	2018-19	2015A2TS0577P	Divya Prakash Jain	Second	Yes	Off-Campus
Pilani	2018-19	2015B4PS0978P	Pratibha Kumari	Second	Yes	Off-Campus
Pilani	2018-19	2014B1A10846P	Ayush Gupta	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A1PS0667P	Gaurav Sharma	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0507P	Suman S Chukki	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B1A30230P	Sambhav Jain	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1290007P	Anisha Ramdas	First	No	NA
Pilani	2018-19	2017H1290008P	Isheta Sircar	First	No	NA
Pilani	2018-19	2014B2A70363P	Abhishek Jain	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2017H1290009P	Praneeta P	First	No	NA
Pilani	2018-19	2017H1290013P	Arushi Rai	First	No	NA
Pilani	2018-19	2015A5PS0933P	Jayendra Agrawal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B2A30308P	Tol Vrunda Mukund	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B3A70282P	Shubham Maurya	First	Yes	On-Campus
Pilani	2018-19	2014B3A70615P	Amitojdeep Singh	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B4A70587P	Akshay Goel	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0038P	Akshay Krishna S	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0046P	Arun D Prabhu	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0048P	Vaderia Shyamal Lalitbhai	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0067P	Jay Virendra Pokarna	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0068P	Sameer Jain	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0392P	Shah Aakash Nilesh	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A8PS0437P	Shreeya Nasa	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7PS0077P	Rohit Ghivdonde	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0086P	Dewang Agarwal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0088P	Partho Sarthi	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0093P	Aditya Raj Agarwal	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0101P	Vanchanagiri Rahul	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0116P	Abhishek Vaibhav Joshi	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0146P	Mrigesh Madaan	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0152P	V Sri Harsha	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0190P	Kushagra Jain	First	Yes	PPO- (Summer Internship)

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Pilani	2018-19	2014B2A70038P	Mustufa Lokhandwala	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B3A70625P	Abhinav Mishra	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B5A70774P	Ashish Aman	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0058P	Ashwin Keshav Tayade	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0109P	Rajat Prince Thakur	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0140P	Tanvi Aggarwal	First	Yes	On-Campus
Pilani	2018-19	2014B4A70719P	Arjun Kumar Choudhary	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0091P	Sahaj Srivastava	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0355P	Vignesh Nanda Kumar	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0549P	Rajat Jain	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A2PS0450P	Ankur Jain	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0008P	Madiha Manzoor	Second	Yes	On-Campus
Pilani	2018-19	2015A3TS0263P	Taru Kapoor	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0421P	Kaushal Kisshor	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0427P	Himanshu Todwal	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0228P	Aayush Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2015A5PS0934P	Arindam Kr Bhattacharjee	Second	Yes	On-Campus
Pilani	2018-19	2015A5PS0958P	Barun Mohapatra	Second	Yes	On-Campus
Pilani	2018-19	2015A5TS0921P	Subham Choudhury	Second	Yes	On-Campus
Pilani	2018-19	2015B3PS0973P	Anuj Vashishtha	Second	Yes	On-Campus
Pilani	2018-19	2015B4PS0951P	Manish Sharma	Second	Yes	On-Campus
Pilani	2018-19	2015B5PS0975P	Jahnvi Rohil	Second	Yes	On-Campus
Pilani	2018-19	2014B5A70817P	Abhishek Gupta	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015ABPS0844P	Rishabh Maiti	Second	Yes	Off-Campus
Pilani	2018-19	2015A1PS0728P	Avinash Pati	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A3PS0162P	Beria Vatsal Rajesh	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A4PS0345P	Mithun Suresh Nair	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A4PS0403P	Raunaq Arora	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A8PS0300P	Mansi Sharma	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A8PS0363P	Vishrut Shah	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B5A10881P	Nitin Mankani	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0741P	Tushar Kaul	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A4PS0397P	Saurabh Rangnath Borse	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A4PS0408P	Akash Sharma	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A5PS0937P	Drihapon Baruah	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A8PS0445P	Nikhil Singh	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B1AB0054P	Rajaram Arun	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A1PS0659P	Akheel Shibli A	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7PS0031P	Aravind Juluri	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0053P	Amogh Sharma	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0104P	Aadi Jain	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0108P	Vivek Singhvi	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2014B4A30642P	Imiteshwar Singh Benipal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A3PS0246P	Nihal V P	Second	Yes	PPO-(PS II)

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Pilani	2018-19	2015A7PS0111P	Thontepu Naga Datta Madhu Kiran	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0259P	Purusharth Soni	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7PS0113P	Darshil Chital Kapadia	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A7PS0117P	Ananyashree Garg	First	Yes	On-Campus
Pilani	2018-19	2014B5A70770P	Deshmukh Chinmay Sanjay	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0645P	Abhishek Dadhich	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B3A30533P	Prateek Jain	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B5A70852P	Chhayank Kumar	First	Yes	Off-Campus
Pilani	2018-19	2015A7PS0064P	Anany Mishra	First	Yes	Off-Campus
Pilani	2018-19	2015A7PS0118P	Chordiya Anand Rajesh	First	Yes	Off-Campus
Pilani	2018-19	2014B1A70408P	Aditya Chauhan	First	Yes	On-Campus
Pilani	2018-19	2014B4A70867P	Karan Makhija	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0858P	Utkarsh Agarwal	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0587P	Deshmukh Deepankar Yeshwant	First	Yes	Off-Campus
Pilani	2018-19	2015A8PS0323P	Manas Gupta	First	Yes	On-Campus
Pilani	2018-19	2014B3A80659P	Vishal Hans	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A8PS0486P	Sahil Gupta	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A8PS0337P	Raveesh Garg	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0369P	Verma Shreyas Vivek	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0145P	Sree Teja Nanduri	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0347P	Susheem Koul	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0548P	Akshansh Sharma	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0850P	Amulya Choudhary	Second	Yes	On-Campus
Pilani	2018-19	2014B4AB0819P	Divyansh Malhotra	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0453P	Siddhartha Apoorva	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0375P	Meet Dhaval Parikh	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0449P	Shiwang Gupta	First	Yes	On-Campus
Pilani	2018-19	2014B2A80287P	Tushar Mehtani	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0310P	Lavanya K	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0385P	Nikhil Goel	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0100P	Indla Karthik Varma	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B3A80753P	Rishabh Navin Vijayvargiya	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0398P	Anshul Jain	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0299P	Dalia Sagar Ashok	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A8PS0390P	Rudraj Tarakbhai Mehta	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A8PS0488P	Mayank Raj	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015A8PS0666P	Rohitkumar Arasanipalai	First	Yes	Off-Campus
Pilani	2018-19	2015A8PS0301P	Rajat Khandelwal	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0348P	Kratika Gupta	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0373P	Yugandhar Moreshwar Khodke	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0336P	Garv Sharma	First	Yes	On-Campus
Pilani	2018-19	2015ABPS0647P	Dhand Udit Manoj	First	Yes	PPO-(PS II)
Pilani	2018-19	2015ABPS0715P	Anirudh Tusnial	First	Yes	Off-Campus

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Pilani	2018-19	2015A2PS0665P	Shubhendu Dwivedi	Second	Yes	Off-Campus
Pilani	2018-19	2015A2PS0798P	Abhay S Malpani	Second	Yes	Off-Campus
Pilani	2018-19	2015A3PS0085P	Patel Krushal Rajesh	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B2A40875P	Nirmit Gupta	Second	Yes	Off-Campus
Pilani	2018-19	2013B3A40748P	Shubham Garg	Second	Yes	Off-Campus
Pilani	2018-19	2014B1A80663P	Nipun Vashishtha	Second	Yes	Off-Campus
Pilani	2018-19	2015ABPS0879P	Tanmay Sanjay Dabre	First	Yes	Off-Campus
Pilani	2018-19	2014B4A20558P	Rohit Gupta	Second	Yes	Off-Campus
Pilani	2018-19	2015ABPS0790P	Siddartha Idukuda	First	Yes	Off-Campus
Pilani	2018-19	2015ABPS0487P	Keshav Jain	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2015ABPS0821P	Samiran	First	Yes	On-Campus
Pilani	2018-19	2014ABTS0856P	Chirag Bhardwaj	First	Yes	Off-Campus
Pilani	2018-19	2017H1290014P	Mansi Tiwari	First	No	NA
Pilani	2018-19	2015A7PS0070P	Pandillapalli Bhargav	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0171P	Athul Prakash	Second	Yes	On-Campus
Pilani	2018-19	2017H1290020P	S Gayathri	First	No	NA
Pilani	2018-19	2015B2TS0969P	Megha Saini	First	Yes	Off-Campus
Pilani	2018-19	2017H1010030P	Bhandaru Sai Hitesh	First	Yes	On-Campus
Pilani	2018-19	2017H1010042P	Devendra Purbia	First	Yes	On-Campus
Pilani	2018-19	2017H1010032P	Neha Jadhav	First	Yes	Off-Campus
Pilani	2018-19	2017H1010038P	Hemanand T	First	Yes	Off-Campus
Pilani	2018-19	2017H1010036P	Prasad Sudhir Ingle	First	Yes	On-Campus
Pilani	2018-19	2017H1010039P	Nischal Harish Guttikar	First	Yes	On-Campus
Pilani	2018-19	2017H1010047P	Karthik K	First	Yes	On-Campus
Pilani	2018-19	2017H1010049P	Arnal Nanda Choudhury	First	Yes	On-Campus
Pilani	2018-19	2017H1010041P	Akshya Khandelwal	First	Yes	Off-Campus
Pilani	2018-19	2017H1290023P	Neha Chadha	First	No	NA
Pilani	2018-19	2014B1A10027P	Deeptanshu Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0617P	Archit Garg	Second	Yes	On-Campus
Pilani	2018-19	2014B3A20577P	Anagh Gupta	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0206P	Dikshant Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0389P	Kshitij Middha	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0412P	Shashank Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0531P	Nipun Garg	Second	Yes	On-Campus
Pilani	2018-19	2014B5A80876P	Udyan Mahajan	Second	Yes	On-Campus
Pilani	2018-19	2015B1PS0744P	Abhin Dilip Oswal	Second	Yes	On-Campus
Pilani	2018-19	2014B4A40694P	Divyanshu Goyal	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0211P	Rajat Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2017H1290024P	Akshita Pundir	First	No	NA
Pilani	2018-19	2017H1300084P	Verma Aditya Nandlal	First	No	NA
Pilani	2018-19	2017H1300087P	Patil Vishwajeet Namdev	First	No	NA
Pilani	2018-19	2017H1300091P	Furqan Ahmad Bhat	First	No	NA
Pilani	2018-19	2017H1300094P	Ankush Dhankhar	First	No	NA
Pilani	2018-19	2015B4PS0970P	Anju Poonia	Second	No	NA
Pilani	2018-19	2017H1400162P	Gurukalyan Mohanty	First	No	NA
Pilani	2018-19	2017H1400167P	Vipin Kumar Verma	First	No	NA
Pilani	2018-19	2017H1010029P	Amit Kumar	First	Yes	On-Campus
Pilani	2018-19	2017H1010031P	Patadia Kaushal Nilesh	First	Yes	Off-Campus
Pilani	2018-19	2017H1010044P	Ritika Prathapani	First	Yes	Off-Campus
Pilani	2018-19	2017H1030127P	Abhineet Saxena	First	Yes	Off-Campus
Pilani	2018-19	2017H1030126P	Eapen Jose	First	Yes	On-Campus
Pilani	2018-19	2017H1030116P	Saif Ahmed	First	Yes	On-Campus

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Pilani	2018-19	2017H1030122P	Gelivi Sasidhar	First	Yes	On-Campus
Pilani	2018-19	2017H1030128P	Jasmeet Singh Batra	First	Yes	On-Campus
Pilani	2018-19	2017H1030132P	Sanyam Jain	First	Yes	On-Campus
Pilani	2018-19	2017H1030119P	Nikhil Kumar	First	Yes	On-Campus
Pilani	2018-19	2017H1030123P	Thakrar Ashish Shaileshkumar	First	Yes	On-Campus
Pilani	2018-19	2017H1030134P	Prabhaker Saxena	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0346P	Potturi Surya Teja	Second	Yes	On-Campus
Pilani	2018-19	2017H1030135P	Kanika Rathore	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1030140P	Sumit Patil	First	Yes	On-Campus
Pilani	2018-19	2017H1030118P	Husain Shoab Scentwala	First	Yes	On-Campus
Pilani	2018-19	2017H1030139P	Madhuresh Bhattacharya	First	Yes	On-Campus
Pilani	2018-19	2017H1030138P	Prateek Sharma	First	Yes	PPO- (Summer Internship)
Pilani	2018-19	2017H1030121P	Vinit Kumar Siriah	First	Yes	On-Campus
Pilani	2018-19	2017H1400168P	Vaibhav Jain	First	No	NA
Pilani	2018-19	2017H1400171P	Harshitha P K	First	No	NA
Pilani	2018-19	2017H1030130P	Santosh Kumar Desai	First	Yes	Off-Campus
Pilani	2018-19	2017H1410146P	Hara Prakash Mishra	First	No	NA
Pilani	2018-19	2017H1030129P	Diksha Choudhary	First	Yes	Off-Campus
Pilani	2018-19	2013HS030073P	Shivin Srivastava	First	Yes	On-Campus
Pilani	2018-19	2017H1030120P	Harry Johnson	First	Yes	On-Campus
Pilani	2018-19	2017H1060194P	Ashish Khandelwal	First	Yes	Off-Campus
Pilani	2018-19	2017H1060196P	A Ramakrishnan	First	Yes	Off-Campus
Pilani	2018-19	2017H1060197P	Serigar Suraj Sadashiv	First	Yes	Off-Campus
Pilani	2018-19	2017H1060202P	Ankit Agrawal	First	Yes	On-Campus
Pilani	2018-19	2017H1060203P	Thaker Sagar Bipinbhai	First	Yes	On-Campus
Pilani	2018-19	2017H1060204P	Ashish Tom	First	Yes	On-Campus
Pilani	2018-19	2017H1060193P	Saurav Kumar Suman	First	Yes	Off-Campus
Pilani	2018-19	2017H1410148P	Bhure Swapnil Shadanan	First	No	NA
Pilani	2018-19	2015A1PS0653P	Arihant Ranka	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0714P	Himanshu Devendra Aswal	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0367P	Dheeraj Gupta	Second	Yes	On-Campus
Pilani	2018-19	2015A5PS0912P	Radhika Soni	Second	Yes	On-Campus
Pilani	2018-19	2015A5PS0945P	Ronak Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2015A5TS0910P	Rashmila Mitra	Second	Yes	On-Campus
Pilani	2018-19	2014B4AB0588P	Motheesh Kunchala	Second	Yes	On-Campus
Pilani	2018-19	2014B5AB0596P	Ajay Nathawat	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0218P	Deepesh Sharma	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1420177P	Jisen Jose	First	No	NA
Pilani	2018-19	2017H1060201P	Rohnit Singh Chhagar	First	Yes	On-Campus
Pilani	2018-19	2017H1060195P	Lokesh Sharma	First	Yes	On-Campus
Pilani	2018-19	2017H1080263P	Jalpa Vataliya	First	Yes	On-Campus
Pilani	2018-19	2017H1080261P	Lakshmi K	First	Yes	Off-Campus
Pilani	2018-19	2017H1080255P	Sakshi Jeevan Nere	First	Yes	On-Campus
Pilani	2018-19	2014B5A30514P	Smriti Sharma	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A3PS0194P	Shikhar Shiromani	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A3PS0199P	Mohammed Abdul Muneeb	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A8PS0400P	Surawar Neeraj Vilas	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A3PS0160P	Divyansh Goel	Second	Yes	On-Campus
Pilani	2018-19	2014B2A70885P	Tushar Dhalwani	Second	Yes	On-Campus

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Pilani	2018-19	2015A8PS0153P	Sri Harsha Vignesh Kasam	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0305P	Yash Sharma	Second	Yes	On-Campus
Pilani	2018-19	2017H1080264P	Souradeep Bose	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0210P	Sai Pranith Meka	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0226P	Shubham Aggarwal	Second	Yes	On-Campus
Pilani	2018-19	2017H1420189P	Lokesh Kumar Patel	First	No	NA
Pilani	2018-19	2017H1420190P	Gaurav Sushant	First	No	NA
Pilani	2018-19	2017H1080257P	Niharika Shaw	First	Yes	On-Campus
Pilani	2018-19	2017H1080267P	Neha Hans	First	Yes	On-Campus
Pilani	2018-19	2017H1120244P	Varun Alpeshkumar Amrutiya	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0050P	Pulkit Agarwal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120253P	Nandan Shardul Majmudar	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0080P	Peddireddy Sreeja	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7PS0084P	Achal B Shah	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120254P	Vineeta Garg	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0097P	Alekh Maheshwari	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120250P	Abhinav Singh Garia	First	Yes	Off-Campus
Pilani	2018-19	2015A8PS0433P	Samarth Bhalerao	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0457P	Harshil Choudhry	Second	Yes	On-Campus
Pilani	2018-19	2014B3A10493P	Ritik Kumar	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0770P	Aakash Aggrawal	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0772P	Prabhat Garg	Second	Yes	On-Campus
Pilani	2018-19	2015A1TS0761P	Shivam Kumar	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0756P	Himanshu Arean	Second	Yes	On-Campus
Pilani	2018-19	2015A4TS0435P	Manav Fakey	Second	Yes	On-Campus
Pilani	2018-19	2014B3A80545P	Darapureddy Vardhan Teja	Second	Yes	On-Campus
Pilani	2018-19	2017H1120231P	Modita Behl	First	Yes	On-Campus
Pilani	2018-19	2017H1120243P	Siddhant Jhamb	First	Yes	On-Campus
Pilani	2018-19	2013B4A70819P	Dhruv Rastogi	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7PS0123P	B Manish Reddy	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120234P	Shaswati Pradhan	First	Yes	On-Campus
Pilani	2018-19	2017H1120237P	Riya Sharan	First	Yes	PPO-(PS II)
Pilani	2018-19	2014B4A40812P	Rishabh Gupta	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120239P	Sonali Sharma	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120252P	Parul Sharma	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120240P	Deepti Konduri	First	Yes	Off-Campus
Pilani	2018-19	2017H1120245P	Kapil Phulwani	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120249P	Pranavi Agthu	First	Yes	On-Campus
Pilani	2018-19	2015A5PS0904P	Mitali Jain	Second	Yes	Off-Campus
Pilani	2018-19	2015A5PS0930P	Vishal Surana	Second	Yes	Off-Campus
Pilani	2018-19	2017H1120133P	Aditya Kumar	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A5PS0935P	Suvam Ganguly	Second	Yes	Off-Campus
Pilani	2018-19	2015A5PS0947P	Lavkush Upadhyay	Second	Yes	Off-Campus
Pilani	2018-19	2015A5TS0914P	A Reddy Chandrakala	Second	Yes	Off-Campus
Pilani	2018-19	2015A5TS0944P	Bhagavatula Sri Sourya Sai	Second	Yes	Off-Campus
Pilani	2018-19	2015B2PS0982P	Divyesakshi Rohil	Second	Yes	Off-Campus
Pilani	2018-19	2017H1120232P	Sachin Kumar Sharma	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120246P	Sagar Verma	First	Yes	On-Campus



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Pilani	2018-19	2017H1120236P	Tahiliani Vinita Yogendra	First	Yes	On-Campus
Pilani	2018-19	2017H1120242P	Pranjal Priyadarshi	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0168P	Lohith Karlapudi	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0306P	Rahul Saxena	Second	Yes	On-Campus
Pilani	2018-19	2017H1120230P	Shilpi Bansal	First	Yes	On-Campus
Pilani	2018-19	2014B2A80584P	Anukriti Gupta	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B2A80737P	Jayshil Kamlesh Joshi	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A7PS0079P	Anshul Jain	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1120241P	Monisha Nair	First	Yes	Off-Campus
Pilani	2018-19	2015A1PS0535P	Muskan Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2017H1430067P	Akash Kaul Kasid	First	No	NA
Pilani	2018-19	2015A2PS0735P	Rishabh Gupta	Second	Yes	On-Campus
Pilani	2018-19	2014B3A30583P	Agrawal Kapil Satish	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0219P	Pranay Singh Baghel	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0232P	Sanchit Maheshwari	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0281P	Santosh Das	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A4PS0269P	Navaneethakrishnan Unnikrishnan	Second	Yes	On-Campus
Pilani	2018-19	2017H1120248P	Shruti Bansal	First	Yes	On-Campus
Pilani	2018-19	2014B1A20345P	Shivangi Arora	Second	Yes	On-Campus
Pilani	2018-19	2017H1230219P	Sandeep Kumar Kothari	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A3PS0285P	Mendu Gopi Krishna	Second	Yes	On-Campus
Pilani	2018-19	2017H1230210P	Yogendra Pratap Singh	First	Yes	On-Campus
Pilani	2018-19	2017H1230205P	Garima Singh	First	Yes	On-Campus
Pilani	2018-19	2017H1230207P	Komal	First	Yes	On-Campus
Pilani	2018-19	2017H1230209P	Abhishek Sharma	First	Yes	On-Campus
Pilani	2018-19	2017H1230216P	Amit Bhatt	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0406P	Nandula Satya Ananda	Second	Yes	On-Campus
Pilani	2018-19	2014A7PS0001P	Debasmita Singha	Second	Yes	On-Campus
Pilani	2018-19	2014A7PS0091P	Gaurav Mundra	Second	Yes	On-Campus
Pilani	2018-19	2017H1230218P	Abhimanyu Kakkar	First	Yes	On-Campus
Pilani	2018-19	2017H1230221P	Md Sarmad Niyaz	First	Yes	On-Campus
Pilani	2018-19	2017H1430069P	Swetha Kannepalli	First	No	NA
Pilani	2018-19	2017H1430077P	Ashish Singh Chib	First	No	NA
Pilani	2018-19	2017H1230223P	Kunal Harbhajanka	First	Yes	On-Campus
Pilani	2018-19	2017H1230225P	Vanya Gupta	First	Yes	On-Campus
Pilani	2018-19	2017H1440055P	Maitreya Mishra	First	No	NA
Pilani	2018-19	2017H1440057P	Ramneek Singh Bhamra	First	No	NA
Pilani	2018-19	2017H1440058P	Sanjyot Sandip Tavanshetti	First	No	NA
Pilani	2018-19	2017H1230227P	Hanu Aggarwal	First	Yes	On-Campus
Pilani	2018-19	2017H1230228P	Arush Shrivastava	First	Yes	On-Campus
Pilani	2018-19	2017H1230208P	Vineeth G K	First	Yes	On-Campus
Pilani	2018-19	2017H1440059P	Jaidev Yadav	First	No	NA
Pilani	2018-19	2017H1230211P	Sudeep Kumar Singh Chhaukar	First	Yes	On-Campus
Pilani	2018-19	2017H1230212P	Mayekar Kiran Uday	First	Yes	On-Campus
Pilani	2018-19	2017H1230220P	Dilsya Joy	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0354P	Indukuri Sai Appala Raju	Second	Yes	Off-Campus
Pilani	2018-19	2015A7PS0144P	Ayush Bahuguna	Second	Yes	Off-Campus
Pilani	2018-19	2014B1A80899P	Anshumala Balu	Second	Yes	Off-Campus
Pilani	2018-19	2015A8PS0455P	Arnab Khare	Second	Yes	Off-Campus

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Pilani	2018-19	2015A1PS0372P	Rahul Daswani	Second	Yes	Off-Campus
Pilani	2018-19	2015A4PS0251P	Raghava Chowdary Boppana	Second	Yes	Off-Campus
Pilani	2018-19	2015A5TS0943P	Krishna Chaitanya Maturi	Second	Yes	Off-Campus
Pilani	2018-19	2014B4A70515P	More Saniket Vijaykumar	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B4A70715P	Aditya Bharat Shah	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B4A70727P	Naman Udasi	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1230226P	Salelkar Mayuresh Jyotindra	First	Yes	On-Campus
Pilani	2018-19	2017H1230206P	Amit Subhash Kapatkar	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1440062P	Prateek Sharma	First	No	NA
Pilani	2018-19	2017H1230217P	Yadav Krishna Kumar Amritlal	First	Yes	On-Campus
Pilani	2018-19	2017H1230222P	Abhishek Kumar Singhania	First	Yes	On-Campus
Pilani	2018-19	2015B2PS0981P	Bhagya Lakshmi	Second	Yes	Off-Campus
Pilani	2018-19	2017H1240098P	Sonu Baliyan	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1240107P	Vibhuti Goel	First	Yes	On-Campus
Pilani	2018-19	2017H1240102P	Ashutosh Dixit	First	Yes	On-Campus
Pilani	2018-19	2017H1240112P	Shreshthi Yadav	First	Yes	On-Campus
Pilani	2018-19	2017H1240100P	Nikhil M	First	Yes	On-Campus
Pilani	2018-19	2017H1240115P	Paturkar Aniruddha Ashutosh	First	Yes	On-Campus
Pilani	2018-19	2014B4A20758P	Gadekar Sachin Appasaheb	Second	Yes	Off-Campus
Pilani	2018-19	2014B1A10470P	Nipun Vats	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0704P	Abhiraj Singh Panwar	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0784P	Keshav Joshi	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B1A30222P	Dhruval Rana	Second	Yes	On-Campus
Pilani	2018-19	2014B4A30502P	Hemant Kumar	Second	Yes	On-Campus
Pilani	2018-19	2014B4A30542P	Bandaru Mokshagnya	Second	Yes	On-Campus
Pilani	2018-19	2014B4A30814P	Saurav Narula	Second	Yes	On-Campus
Pilani	2018-19	2014B5A30882P	Abhinav Gupta	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0157P	Yerramilli Srinivasa Rohith	Second	Yes	On-Campus
Pilani	2018-19	2014B5A70681P	Shetgaonkar Hrishikesh Digambar	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0003P	Akhilesh Pakhetra	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0011P	Vidushi Gupta	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0023P	Nausheen Akhter	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0121P	Vineeth Naraju	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0122P	M Venkateshwaran	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0124P	Pranay Kumar Ganguly	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0141P	Satrajit Nath	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B1A80260P	Palash Sethi	Second	Yes	On-Campus
Pilani	2018-19	2014B3A80660P	Anjul Mishra	Second	Yes	On-Campus
Pilani	2018-19	2014B4A80757P	C Pranay Reddy	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0578P	Mukkavilli Kalyan	Second	Yes	On-Campus
Pilani	2018-19	2014B2A30156P	Samarth Sharma	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B4A30733P	Vipul Singhal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A3PS0227P	Komal Agarwal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1240097P	Moksha Jagat Shah	First	Yes	Off-Campus
Pilani	2018-19	2017H1460283P	Jyotima Mishra	First	No	NA

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Pilani	2018-19	2017H1460289P	Vibha Kumari	First	No	NA
Pilani	2018-19	2017H1460291P	Jomon AUGUSTINE	First	No	NA
Pilani	2018-19	2017H1240096P	Shreya Tyagi	First	Yes	On-Campus
Pilani	2018-19	2017H1470277P	Madhavaram Ramya Kumari	First	No	NA
Pilani	2018-19	2014B2A10309P	Kunal Sharma	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0075P	Harsh Bansal	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0099P	Ram Harish Jashnani	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0150P	Anjan Das	Second	Yes	On-Campus
Pilani	2018-19	2014B2A80535P	Dhruv Pandia	Second	Yes	On-Campus
Pilani	2018-19	2017H1240111P	Agrawal Piyush Omprakash	First	Yes	On-Campus
Pilani	2018-19	2017H1240114P	Bangaru Girish	First	Yes	Off-Campus
Pilani	2018-19	2017H1240103P	Dattaraj Dileep Raut Mulgaonkar	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1470279P	Jeevan Patra	First	No	NA
Pilani	2018-19	2017H1490321P	Mathew Thomas	First	No	NA
Pilani	2018-19	2017H1490341P	Aishwarya Dileep Baglane	First	No	NA
Pilani	2018-19	2017H1490344P	Saumitra Tiwari	First	No	NA
Pilani	2018-19	2017H1490355P	Ajay Raj K J	First	No	NA
Pilani	2018-19	2017H1240099P	Venkata Sai Krishna Vallury	First	Yes	On-Campus
Pilani	2018-19	2017H1240105P	Shilpi Varshney	First	Yes	On-Campus
Pilani	2018-19	2017H1290026P	Aarti Jha	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1290005P	Shreenidhi Rajkumar	First	Yes	Off-Campus
Pilani	2018-19	2017H1290019P	Sayan Basu	First	Yes	Off-Campus
Pilani	2018-19	2017H1290022P	Vishakha Bambroo	First	Yes	Off-Campus
Pilani	2018-19	2017H1290015P	Jayashree V.P	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1290025P	Manisha Singh	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1290011P	Saman Sajjad	First	Yes	Off-Campus
Pilani	2018-19	2017H1300085P	Bhargav Nath	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1300086P	Bhumit Dosi	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1300089P	Amrutha Nair V	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1300092P	Sunny Kumar Chaurasiya	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1300088P	Surya Prakash Mahapatra	First	Yes	Off-Campus
Pilani	2018-19	2017H1300080P	Abhinav Sehrawat	First	Yes	Off-Campus
Pilani	2018-19	2017H1300082P	Kiran Krishnan	First	Yes	Off-Campus
Pilani	2018-19	2014B1A30245P	Rajat Nitin Pandey	Second	Yes	On-Campus
Pilani	2018-19	2014B3A30594P	Ram Simran Grover	Second	Yes	On-Campus
Pilani	2018-19	2014B5A30752P	Shubham Gupta	Second	Yes	On-Campus
Pilani	2018-19	2014B4A70805P	Dakshesh Rupalbhai Mehta	Second	Yes	On-Campus
Pilani	2018-19	2017H1300081P	Aitichya Chandra	First	Yes	On-Campus
Pilani	2018-19	2017H1300083P	Kapil M Dhabu	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0524P	Anup Anil Bhutada	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0282P	Sreehari K	Second	Yes	On-Campus
Pilani	2018-19	2014B1A40552P	Sahil Sharma	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0009P	Keshav Rai	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0096P	Rasiraju Sainath	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0098P	Vidit Bhat	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0107P	Aakash Jain	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0115P	Vaibhav Sanjay Jade	Second	Yes	On-Campus

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Pilani	2018-19	2015A8PS0378P	Mohd Insha Khan	Second	Yes	On-Campus
Pilani	2018-19	2017H1300093P	Mohanish Gupta	First	Yes	On-Campus
Pilani	2018-19	2013HS400267P	Gunturi Venkata Sai Manoj Kumar	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0570P	Kanish Kataria	Second	Yes	On-Campus
Pilani	2018-19	2014B1A20562P	Akshat Mishra	Second	Yes	On-Campus
Pilani	2018-19	2014B2A20806P	Aditya Sharma	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0811P	Akash Goyal	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0320P	Nithin Raj	Second	Yes	On-Campus
Pilani	2018-19	2013B5PS0622P	Ankur Mittal	Second	Yes	On-Campus
Pilani	2018-19	2017H1400157P	Akshay Joshi	First	Yes	On-Campus
Pilani	2018-19	2017H1400163P	Aastha Maingi	First	Yes	PPO-(PS II)
Pilani	2018-19	2014B2A10616P	Vishal Mishra	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0188P	Pratyush Priyank	Second	Yes	On-Campus
Pilani	2018-19	2017H1400166P	Jainil Pareshbhai Sanghvi	First	Yes	On-Campus
Pilani	2018-19	2017H1400159P	Monika Vijay	First	Yes	On-Campus
Pilani	2018-19	2017H1400160P	Poulami Pal	First	Yes	On-Campus
Pilani	2018-19	2017H1400172P	Prateek	First	Yes	On-Campus
Pilani	2018-19	2017H1400176P	Sasanka Sekhar Dash	First	Yes	On-Campus
Pilani	2018-19	2017H1400165P	Sarthi Chugh	First	Yes	On-Campus
Pilani	2018-19	2017H1400173P	Utsav Jana	First	Yes	On-Campus
Pilani	2018-19	2017H1400161P	Nikhil Anand	First	Yes	Off-Campus
Pilani	2018-19	2015A7PS0015P	Veeroji Kale	Second	Yes	On-Campus
Pilani	2018-19	2014A8PS0451P	Rishabh Jitendra Chhabda	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0489P	Durjai Sethi	Second	Yes	On-Campus
Pilani	2018-19	2015A3PS0184P	Harshit Arora	Second	Yes	On-Campus
Pilani	2018-19	2015A8TS0469P	Satyam Gaba	Second	Yes	On-Campus
Pilani	2018-19	2017H1400164P	Himanshu Singh	First	Yes	Off-Campus
Pilani	2018-19	2017H1400175P	Deepan Gulati	First	Yes	On-Campus
Pilani	2018-19	2017H1400158P	Priyanka S Reddy	First	Yes	On-Campus
Pilani	2018-19	2017H1400174P	Sourima Sarkar	First	Yes	On-Campus
Pilani	2018-19	2015A2PS0673P	Maddipati Nikhil	Second	Yes	On-Campus
Pilani	2018-19	2014B5A40866P	Sharma Akash Ashok	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0661P	Sudhanshu Grover	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1410147P	Jain Akshay Pavan	First	Yes	Off-Campus
Pilani	2018-19	2017H1410155P	Anurag Ranjan	First	Yes	Off-Campus
Pilani	2018-19	2017H1410153P	Srihari S	First	Yes	Off-Campus
Pilani	2018-19	2015A8PS0493P	Jagrati Agrawal	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B1AB0777P	Keerti P	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015ABPS0501P	Ashutosh Sushir Purohit	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015ABPS0860P	Meenakshi Sundaram M	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1410154P	Yash Dineshbhai Parikh	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0187P	Digvijay Bansal	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0468P	Niyati Agrawal	Second	Yes	On-Campus
Pilani	2018-19	2017H1410149P	V N Sai Chetan Swaroop Thota	First	Yes	On-Campus
Pilani	2018-19	2017H1410152P	Vivek Gupta	First	Yes	Off-Campus
Pilani	2018-19	2017H1410151P	M Nikhil Kumar	First	Yes	On-Campus
Pilani	2018-19	2017H1410145P	Bharadwaj J	First	Yes	On-Campus
Pilani	2018-19	2017H1410150P	Saumil Rajeshkumar Shah	First	Yes	On-Campus
Pilani	2018-19	2017H1420178P	Patel Dhruv Bharatbhai	First	Yes	Off-Campus
Pilani	2018-19	2017H1420181P	Karnam Abhishek	First	Yes	Off-Campus

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Pilani	2018-19	2017H1420187P	Ankur Sharma	First	Yes	Off-Campus
Pilani	2018-19	2017H1420188P	Shivam Tiwari	First	Yes	Off-Campus
Pilani	2018-19	2017H1420191P	Vora Kunal Ketan	First	Yes	Off-Campus
Pilani	2018-19	2017H1420186P	Gupta Yash Mukeshkumar	First	Yes	Off-Campus
Pilani	2018-19	2013HS420735P	V Venkat Sai Anurag	First	Yes	On-Campus
Pilani	2018-19	2017H1420179P	Mohit Sharma	First	Yes	Off-Campus
Pilani	2018-19	2017H1420182P	Akshay Bedekar	First	Yes	Off-Campus
Pilani	2018-19	2013HS420507P	Sai Bhaskar Eluripati	First	Yes	Off-Campus
Pilani	2018-19	2017H1420183P	Mayank Verma	First	Yes	Off-Campus
Pilani	2018-19	2013B1A20291P	Akshit Aneja	Second	Yes	On-Campus
Pilani	2018-19	2014B1A20811P	Meghani Imran Iqbal	Second	Yes	On-Campus
Pilani	2018-19	2014B3A20690P	Gargi Gupta	Second	Yes	On-Campus
Pilani	2018-19	2017H1420185P	Niranjan Bhattacharya	First	Yes	On-Campus
Pilani	2018-19	2014B4A30731P	Nayan Gupta	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0019P	Jyoti Rathore	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0683P	Avishkar	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0604P	Palak	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0432P	Vishal Ojha	Second	Yes	On-Campus
Pilani	2018-19	2017H1430063P	Sawant Rohit Ganapati	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1430078P	Manjunath S Kusugal	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1430064P	Kunal Dharmawat	First	Yes	Off-Campus
Pilani	2018-19	2017H1430068P	S Roopak	First	Yes	Off-Campus
Pilani	2018-19	2017H1430073P	Kritika Shrimali	First	Yes	On-Campus
Pilani	2018-19	2017H1430074P	Anantula Sanjana	First	Yes	On-Campus
Pilani	2018-19	2017H1430065P	Panchani Niravkumar Himmatlal	First	Yes	Off-Campus
Pilani	2018-19	2017H1430071P	Chandan Sharma	First	Yes	Off-Campus
Pilani	2018-19	2014B2A10826P	Abhishek Bhardwaj	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B5A10874P	Pranati Jain	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B1A40487P	Sahil Tyagi	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B5A40860P	Akshay Katta	Second	Yes	PPO-(PS II)
Pilani	2018-19	2014B5AB0603P	Yashwant Chourasia	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1430072P	Ramanand Shukla	First	Yes	Off-Campus
Pilani	2018-19	2015A3PS0260P	Vidhan Jolly	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1430076P	Banuru Raghavender	First	Yes	Off-Campus
Pilani	2018-19	2014B3A80697P	Aditya Saraswat	Second	Yes	On-Campus
Pilani	2018-19	2017H1430079P	Vikalp Gupta	First	Yes	Off-Campus
Pilani	2018-19	2017H1430066P	Sovik Maitra	First	Yes	Off-Campus
Pilani	2018-19	2017H1430070P	Ankit Singh Mehra	First	Yes	Off-Campus
Pilani	2018-19	2015A1PS0706P	Shreshtha Dhankar	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0707P	Satyam Kumar Singh	Second	Yes	On-Campus
Pilani	2018-19	2017H1440054P	Aditya Khakolia	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1440056P	Amit Kumar Singh	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1440061P	Varun Jain	First	Yes	On-Campus
Pilani	2018-19	2017H1460282P	Revuri Pranav	First	Yes	On-Campus
Pilani	2018-19	2017H1460284P	Gupta Sakshi Ashok	First	Yes	Off-Campus
Pilani	2018-19	2017H1460285P	C Saravan Krishna	First	Yes	Off-Campus
Pilani	2018-19	2015A1PS0522P	Yadul Sethi	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0856P	Rahul Singh	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0307P	Jairaj Paruthy	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0329P	Budhavaram Swaraj	Second	Yes	On-Campus
Pilani	2018-19	2015ABTS0833P	Manpreet Singh	Second	Yes	On-Campus

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Pilani	2018-19	2017H1460286P	Sandeep Mishra	First	Yes	Off-Campus
Pilani	2018-19	2017H1470271P	Saksham Palawat	First	Yes	On-Campus
Pilani	2018-19	2017H1470274P	Dileep P S	First	Yes	On-Campus
Pilani	2018-19	2017H1470276P	Dabbakuti Mounika	First	Yes	On-Campus
Pilani	2018-19	2017H1470273P	Kolte Aishwarya Mandar	First	Yes	On-Campus
Pilani	2018-19	2017H1470269P	Ramanathan A	First	Yes	On-Campus
Pilani	2018-19	2017H1490332P	Bhaswati Talukdar	First	Yes	On-Campus
Pilani	2018-19	2017H1490351P	Yash Sharma	First	Yes	On-Campus
Pilani	2018-19	2017H1490363P	Bhavik Sharma	First	Yes	On-Campus
Pilani	2018-19	2015A1PS0721P	Pallavi Trivedi	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490352P	Akshat Mohan Awasthi	First	Yes	On-Campus
Pilani	2018-19	2017H1490375P	Shubham Goyanka	First	Yes	On-Campus
Pilani	2018-19	2017H1490372P	Chiki Mishra	First	Yes	Off-Campus
Pilani	2018-19	2017H1490324P	Bijit Dutta	First	Yes	Off-Campus
Pilani	2018-19	2017H1490346P	Abhrajit Kar	First	Yes	Off-Campus
Pilani	2018-19	2017H1490312P	Mohammad Fuaad Khan	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490313P	Samiksha Jain	First	Yes	PPO-(PS II)
Pilani	2018-19	2015ABPS0795P	Lakhan Bangar	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490326P	Neeraja Mohan	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490336P	Arjun B Narayanan	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490350P	Priyanka Anand	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490297P	Bharti Pahwa	First	Yes	On-Campus
Pilani	2018-19	2017H1490300P	Shipra Chib	First	Yes	On-Campus
Pilani	2018-19	2017H1490298P	Laboni Ghosh	First	Yes	Off-Campus
Pilani	2018-19	2017H1490333P	Kaushik S.	First	Yes	Off-Campus
Pilani	2018-19	2015A1PS0502P	Paras Gupta	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0771P	Mukundan Singh	Second	Yes	On-Campus
Pilani	2018-19	2015A8PS0479P	Hanish Sargiya	Second	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490340P	Akhil Madhu	First	Yes	Off-Campus
Pilani	2018-19	2017H1490360P	Bharat Kumar Pattem	First	Yes	Off-Campus
Pilani	2018-19	2014B2A10888P	Kreeti Jha	Second	Yes	On-Campus
Pilani	2018-19	2017H1490366P	Vavilala Karthik	First	Yes	Off-Campus
Pilani	2018-19	2017H1490376P	Rajat Bansal	First	Yes	Off-Campus
Pilani	2018-19	2014B1TS0169P	Anurag	Second	Yes	Off-Campus
Pilani	2018-19	2014B3A30723P	Aditya Agarwal	Second	Yes	On-Campus
Pilani	2018-19	2014B4A80801P	Rasal Kumar	Second	Yes	On-Campus
Pilani	2018-19	2017H1490296P	Nayanananda Medhi	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490311P	Arpit Agarwal	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490317P	Patil Aniket Dilip	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490318P	Satyajit Desai	First	Yes	On-Campus
Pilani	2018-19	2017H1490347P	Agrima Shrivastava	First	Yes	On-Campus
Pilani	2018-19	2017H1490368P	Abhijeet Agrawal	First	Yes	On-Campus
Pilani	2018-19	2017H1490295P	Abhinav Gupta	First	Yes	On-Campus
Pilani	2018-19	2017H1490315P	Ayush Verma	First	Yes	On-Campus
Pilani	2018-19	2017H1490325P	Trilok Sharma	First	Yes	On-Campus
Pilani	2018-19	2017H1490327P	Srish Gowtham D R	First	Yes	On-Campus
Pilani	2018-19	2017H1490330P	Swati Sharma	First	Yes	On-Campus
Pilani	2018-19	2017H1490335P	Soumendu Sarkar	First	Yes	On-Campus
Pilani	2018-19	2017H1490292P	Gautham Subramani	First	Yes	Off-Campus
Pilani	2018-19	2017H1490305P	Prashant	First	Yes	Off-Campus
Pilani	2018-19	2017H1490302P	Deepak Chauhan	First	Yes	Off-Campus
Pilani	2018-19	2017H1490329P	Prateek Agnihotri	First	Yes	Off-Campus
Pilani	2018-19	2017H1490349P	Aditya Kumar Tiwari	First	Yes	Off-Campus

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Pilani	2018-19	2017H1490353P	Anurag Purohit	First	Yes	Off-Campus
Pilani	2018-19	2017H1490367P	Suraj Vijay Bakane	First	Yes	Off-Campus
Pilani	2018-19	2017H1490310P	Upadhye Kalyani Shashank	First	Yes	On-Campus
Pilani	2018-19	2017H1490314P	Aakreti Tiwari	First	Yes	On-Campus
Pilani	2018-19	2017H1490339P	Ankit Ghosh	First	Yes	On-Campus
Pilani	2018-19	2017H1490348P	Sanya Khanna	First	Yes	On-Campus
Pilani	2018-19	2017H1490358P	Chichula Venkatesh	First	Yes	On-Campus
Pilani	2018-19	2017H1490369P	Aloke Kumar Roy	First	Yes	Off-Campus
Pilani	2018-19	2017H1490354P	Shakti Nayan	First	Yes	On-Campus
Pilani	2018-19	2015A2PS0021P	Kuldeep Singh Naruka	Second	Yes	Off-Campus
Pilani	2018-19	2015A2PS0529P	Palakolanu Mahendra Reddy	Second	Yes	Off-Campus
Pilani	2018-19	2015A2PS0608P	Gaurav Tewari	Second	Yes	Off-Campus
Pilani	2018-19	2015A2PS0676P	Dheeraj Bhatia	Second	Yes	Off-Campus
Pilani	2018-19	2015A2PS0723P	Bedmutha Sahil Sunil	Second	Yes	Off-Campus
Pilani	2018-19	2014B1A30284P	Surbhit Johri	Second	Yes	Off-Campus
Pilani	2018-19	2014B5A30879P	Suyash Santosh Porchattiwari	Second	Yes	Off-Campus
Pilani	2018-19	2015A3PS0189P	Mohit Chugh	Second	Yes	Off-Campus
Pilani	2018-19	2017H1490361P	R Anand	First	Yes	On-Campus
Pilani	2018-19	2015A3PS0252P	Maheshwari Parth Sanjaybhai	Second	Yes	Off-Campus
Pilani	2018-19	2017H1490364P	Dipanjan Bhattacharjee	First	Yes	On-Campus
Pilani	2018-19	2014B5A40565P	Anantharaman Ajayaghosh	Second	Yes	Off-Campus
Pilani	2018-19	2017H1490309P	Vutukuri Yasaswani	First	Yes	On-Campus
Pilani	2018-19	2017H1490334P	Abishekkarthick M	First	Yes	On-Campus
Pilani	2018-19	2017H1490337P	Anirban Mukhopadhyay	First	Yes	On-Campus
Pilani	2018-19	2014B5A40877P	Sudhanshu Singh	Second	Yes	Off-Campus
Pilani	2018-19	2017H1490365P	Ashutosh Mishra	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0274P	Nachiket Nitin Sant	Second	Yes	Off-Campus
Pilani	2018-19	2015A4PS0316P	Shubham Gupta	Second	Yes	Off-Campus
Pilani	2018-19	2017H1490370P	Romi Ranjan	First	Yes	On-Campus
Pilani	2018-19	2017H1490371P	Kumar Gourabh	First	Yes	On-Campus
Pilani	2018-19	2015A4PS0377P	Shivam	Second	Yes	Off-Campus
Pilani	2018-19	2015A4PS0381P	Siddharth Agrawal	Second	Yes	Off-Campus
Pilani	2018-19	2015A4PS0401P	Venil Reddy	Second	Yes	Off-Campus
Pilani	2018-19	2017H1490294P	M Gayathri Sheetal	First	Yes	On-Campus
Pilani	2018-19	2015A7PS0143P	Gandham Lokesh	Second	Yes	Off-Campus
Pilani	2018-19	2015A8PS0234P	Srivatsa Kulkarni	Second	Yes	Off-Campus
Pilani	2018-19	2017H1490343P	Akhilesh Halvi	First	Yes	On-Campus
Pilani	2018-19	2015A8PS0428P	Sakshamdeep Singh	Second	Yes	Off-Campus
Pilani	2018-19	2015A8PS0458P	Yash Bansal	Second	Yes	Off-Campus
Pilani	2018-19	2015A8TS0422P	Hitesh Ahuja	Second	Yes	Off-Campus
Pilani	2018-19	2017H1490303P	Sandeep Dutta	First	Yes	Off-Campus
Pilani	2018-19	2015ABPS0863P	Parth Sharma	Second	Yes	Off-Campus
Pilani	2018-19	2015ABPS0866P	Manprit Singh	Second	Yes	Off-Campus
Pilani	2018-19	2015ABTS0808P	Mehta Aditya Mukesh	Second	Yes	Off-Campus
Pilani	2018-19	2017H1490308P	G V S Sai Kiran	First	Yes	Off-Campus
Pilani	2018-19	2017H1490338P	Sakshi Das	First	Yes	Off-Campus
Pilani	2018-19	2017H1490356P	Keerthy D	First	Yes	Off-Campus
Pilani	2018-19	2017H1490359P	Prakash Barik	First	Yes	Off-Campus

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Pilani	2018-19	2017H1490373P	Keyur Chandulal Tanna	First	Yes	Off-Campus
Pilani	2018-19	2017H1490301P	Nida Ashhar	First	Yes	On-Campus
Pilani	2018-19	2017H1490293P	Mohammad Farhan Khan	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490299P	Abhedya Saini	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490306P	Rathi Nischay Mahesh	First	Yes	PPO-(PS II)
Pilani	2018-19	2014B2A20150P	Abhishek Singh	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0851P	Amritanshu	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0013P	Jyoti Vishnoi	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0016P	Vadigineni Ramya	Second	Yes	On-Campus
Pilani	2018-19	2015A7PS0054P	Adabala Sandeep	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0575P	Sudhir Gupta	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A2PS0654P	Neeraj	Second	Yes	PPO-(PS II)
Pilani	2018-19	2015A1PS0782P	Shubham Gupta	Second	Yes	On-Campus
Pilani	2018-19	2014B1A20655P	Sanyukta Singhal	Second	Yes	On-Campus
Pilani	2018-19	2014B3A20693P	Soumil Gupta	Second	Yes	On-Campus
Pilani	2018-19	2014B5A20827P	Prateek Bhutani	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0496P	Rohan Goyal	Second	Yes	On-Campus
Pilani	2018-19	2015A2PS0611P	Ricky Sharma	Second	Yes	On-Campus
Pilani	2018-19	2014B1A30373P	Rachit Agrawal	Second	Yes	On-Campus
Pilani	2018-19	2014B5A40825P	Aditya Joshi	Second	Yes	On-Campus
Pilani	2018-19	2014B3A80724P	Nihar Porwal	Second	Yes	On-Campus
Pilani	2018-19	2017H1490307P	Rohan Nigam	First	Yes	PPO-(PS II)
Pilani	2018-19	2014B3A10703P	Sinha Vaibhav Sanjeev	Second	Yes	On-Campus
Pilani	2018-19	2017H1490322P	Manna Rakesh Jhareswar	First	Yes	PPO-(PS II)
Pilani	2018-19	2015A1PS0679P	Tarun Baloda	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0688P	Shivam Khetan	Second	Yes	On-Campus
Pilani	2018-19	2015A1PS0774P	Charul Passey	Second	Yes	On-Campus
Pilani	2018-19	2015A1TS0716P	Pranav Magadi	Second	Yes	On-Campus
Pilani	2018-19	2017H1490328P	Aarif Ashraf Wani	First	Yes	PPO-(PS II)
Pilani	2018-19	2014B1A40328P	Ishan Shreyash	Second	Yes	On-Campus
Pilani	2018-19	2015A4PS0411P	Pranjali Srivastav	Second	Yes	On-Campus
Pilani	2018-19	2017H1490342P	Singh Aditya Vinod	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490362P	Ayush Garg	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490304P	Shraboni Sinha	First	Yes	PPO-(PS II)
Pilani	2018-19	2017H1490319P	Chasetti Manozna Satyendra	First	Yes	Off-Campus
Pilani	2018-19	2014B3AB0509P	Ashwin Shirbhate	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0632P	Kamodia Devansh Niraj	Second	Yes	On-Campus
Pilani	2018-19	2015ABPS0864P	Awaneesh Shukla	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1030077H	Nikhil Tailor	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0980H	Aditya Shankar	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B5AB0689H	K Aravind	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B1A70905H	Sumedha Goyal	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0063H	Nischay Gupta	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0177H	Dhruv Toshniwal	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A8PS0495H	Grandhi Snigdha	First	Yes	On-Campus
Hyderabad	2018-19	2017H1480136H	Sibi B	First	Yes	On-Campus
Hyderabad	2018-19	2017H1010020H	Prithvinath Madduri	First	Yes	Off-Campus
Hyderabad	2018-19	2017H1010023H	Hithessh Augustus	First	Yes	Off-Campus
Hyderabad	2018-19	2015A4PS0324H	Mangena Vijay Vikas	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0356H	Mohammed Naseer	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1430037H	Bezawada Vamsi Krishna	First	Yes	On-Campus
Hyderabad	2018-19	2014B5A30774H	Yogesh Rajesh Khemka	Second	Yes	On-Campus



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Hyderabad	2018-19	2015A3PS0336H	Sarthak Jain	Second	Yes	On-Campus
Hyderabad	2018-19	2014B3A70683H	Hem Vats	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70705H	B Harika	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4A70755H	Kartik Srivastava	Second	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0021H	Rayalacheruvu Bhavi Tej	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0080H	Navneet Kumar	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1030081H	Saradhi Ramakrishna	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1030088H	Damini Vijay Nanaware	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2016H3130071H	Shruti Jaiswal	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0339H	Himanshu Gupta	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0094H	Sanyam Jain	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70940H	Shivam Agrawal	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4A70980H	Manvi Gupta	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0100H	Kriti Goyal	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0165H	C V Aishwarya Sai	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0143H	Morabia Keval Mahendra	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0145H	Ankit Anand	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0961H	Pranav Kumar Asthana	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0213H	Rishabh Ballabh Singh	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0353H	Kunal Gulati	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3AA0695H	Akhil P	Second	Yes	Off-Campus
Hyderabad	2018-19	2015AAPS0257H	Agarwal Prerit	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1060112H	R Raghuraman	First	Yes	On-Campus
Hyderabad	2018-19	2017H1410101H	Mehta Viyat Jaldhibhai	First	Yes	On-Campus
Hyderabad	2018-19	2017H1300042H	A Shashank	First	Yes	Off-Campus
Hyderabad	2018-19	2017H1060108H	Utkarsh Dubey	First	Yes	Off-Campus
Hyderabad	2018-19	2017H1060117H	Pushpesh Kumar	First	Yes	Off-Campus
Hyderabad	2018-19	2017H1300046H	Videla Ravi Teja	First	Yes	Off-Campus
Hyderabad	2018-19	2015A7PS0082H	Saurabh Khandelwal	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0152H	Nitish Ravishankar	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1460165H	Galigama Rohini Devi	First	Yes	Off-Campus
Hyderabad	2018-19	2015AAPS0252H	Rajat Goel	First	Yes	On-Campus
Hyderabad	2018-19	2014B5A30719H	Vamsi Krishna Reddy Kudumula	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B2AB0904H	Ginjunpalli Trinadh Phani	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015ABPS0732H	Parepalli Naga Venkata Sai Sunil	First	Yes	Off-Campus
Hyderabad	2018-19	2015A1PS0694H	Riya Dey	First	Yes	Off-Campus
Hyderabad	2018-19	2017H1290018H	Aaditya Sanjay Shingote	First	Yes	Off-Campus
Hyderabad	2018-19	2015A7PS0009H	Naman Agrawal	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1460160H	Katke Sumeet Vaibhav	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0445H	Nitin Kumar	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0714H	Piyush Rath	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0725H	Manish Chandra Yadavalli	Second	Yes	On-Campus
Hyderabad	2018-19	2013B2A20906H	Anvesh Reddy Japa	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0601H	Devireddy Bharath Kumar Reddy	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0628H	Sumeet Mohanty	Second	Yes	On-Campus
Hyderabad	2018-19	2014B4A40760H	Shubham Malani	Second	Yes	On-Campus

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Hyderabad	2018-19	2015A4PS0405H	Sravanam Ashok	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0398H	Sandeep Kalyan Sunkara	Second	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0503H	Chandan Kumar	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1290013H	Nikhariya Yamini Rakesh	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0522H	Ishant Singh Bhadauriya	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0579H	Abhyudai Mishra	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0737H	Mohit Mundra	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0758H	Aastha Singh	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0774H	Natekar Aditya Bipin	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0776H	Harish E	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0508H	Bhupender Singh	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0359H	Deepansh Garg	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0392H	Gokul T R	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0104H	Kondeti Satyanarayana	First	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0464H	Dittakavi Vishnu Mohan	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0187H	Naga Sai Praneeth Gunturu	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0262H	Adira Mohitha	Second	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0641H	Sreeram Rajesh	First	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0785H	Vishesh Kumar Sharma	Second	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0796H	Mriganka Saikia	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1460150H	Mrunal Vijay Kulkarni	First	Yes	On-Campus
Hyderabad	2018-19	2017H1460152H	Kale Suvarna Rajaram	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0544H	Ravi Teja Venkat Salugu	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0665H	Pranay Pandey	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0526H	Bhaiya Atul Singh	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0542H	Ajay Singh	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0339H	Himanshu Gupta	First	Yes	On-Campus
Hyderabad	2018-19	2014B4A40694H	Prakhar Tiwari	First	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0458H	Bhogavilli Sparsh	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0198H	Makkapati Ajay Kumar	Second	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0639H	Arpit Gautam	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1460149H	Bankar Neha Gajanan	First	Yes	On-Campus
Hyderabad	2018-19	2017H1460151H	Mudigonda Sadasiva Vidyakant	First	Yes	On-Campus
Hyderabad	2018-19	2017H1030078H	Archana.V.E	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1030083H	Aloy Kumar Das	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1240050H	Manik Bhasin	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1240055H	Vaishalini	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1240061H	Susmit Choudhary	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1240064H	K Sai Prashanth	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4A70711H	Sanchit Sandeep Gupta	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A70938H	Piyush Sharma	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70977H	Sai Akhil S	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1410089H	Tejas	First	Yes	Off-Campus
Hyderabad	2018-19	2014B2A40973H	Raghav Salwan	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0401H	Sambhav Jain	First	Yes	On-Campus
Hyderabad	2018-19	2014A7PS0029H	Pb Yaswanth	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0740H	Akshita Ghanshani	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A1PS0748H	Shikhar Gupta	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A2PS0504H	Venkat Averineni	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B2A40971H	Bajaj Mayur Shrichand	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70534H	Sharad Hotha	Second	Yes	PPO-(PS II)

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Hyderabad	2018-19	2014B3A80611H	Mayank Kulshreshtha	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A8PS0451H	Padala Siddartha	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A5PS0869H	Gajraj Singh Rathore	First	Yes	On-Campus
Hyderabad	2018-19	2017H1460153H	Shaikh Shafik Shakil	First	Yes	On-Campus
Hyderabad	2018-19	2017H1460159H	Indukuri Vikram Varma	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0030H	Sachet Shandilya	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0149H	Amit Bhatt	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1060110H	Prashant Mittal	First	Yes	On-Campus
Hyderabad	2018-19	2017H1060114H	Peri Arun	First	Yes	On-Campus
Hyderabad	2018-19	2017H1410095H	Hayalam Akshay Kumar	First	Yes	On-Campus
Hyderabad	2018-19	2017H1410096H	Pullabhotla Sai Anirudha	First	Yes	On-Campus
Hyderabad	2018-19	2017H1410099H	Topesh Sahu	First	Yes	On-Campus
Hyderabad	2018-19	2017H1480139H	Gannamani Naga Venkata Surendra	First	Yes	On-Campus
Hyderabad	2018-19	2017H1240053H	Raunak Mathur	First	Yes	On-Campus
Hyderabad	2018-19	2017H1230123H	Jayati Singh	First	Yes	On-Campus
Hyderabad	2018-19	2017H1300041H	Nishanth Patel	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1300045H	Panchal Jay Anilkumar	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A2PS0519H	Hitesh	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0054H	Madishetty Saketh	Second	Yes	On-Campus
Hyderabad	2018-19	2014B3AA0723H	Shalvak Mittal	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1030080H	Avinesh Benjamin A	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0364H	Kothapalli Venkata Jaya Harika	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0374H	Mahak Parwana	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0376H	Apoorv Ranjan	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0160H	Raunak Ritesh	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0161H	Tusharkanth Karlapudi	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0292H	Nithya Vardhan Reddy Veerati	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0431H	Suhita Saha	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0443H	Anshul Kumar	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0206H	P V N S Viswanatha Kasyap	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0207H	Gundreddy Saikrishna Pannaga Srikar	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0227H	Boggavarapu Purna Srivatsa	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0248H	Leitao Leon Leroy	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0249H	Kondamudi Naga Sai Himabindu	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0267H	Soham Mukherjee	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1480137H	Ranit Datta	First	Yes	Off-Campus
Hyderabad	2018-19	2014B3A10937H	Syed Mohammad Shahid Rizvi	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014A2PS0538H	Brijesh Yadav	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A40680H	Kolli Srikar	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A5PS0855H	Kapil Raju Shah	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0103H	Dama Krishna Chaitanya	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0155H	Saransh Agarwal	Second	Yes	On-Campus
Hyderabad	2018-19	2014B3AA0672H	Sree Tej Bondada	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4AA0929H	Utkarsh Tiwari	Second	Yes	On-Campus
Hyderabad	2018-19	2014B5AA0992H	Dacharaju Raghuvamshi	Second	Yes	On-Campus

Campus (Pilani/Goa/ Hyderabad/ Dubai)	Year (eg 2015- 16)	ID No	Name	Semester (First/Sec ond)	Placed (Yes/ No)	Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))
Hyderabad	2018-19	2017H1030069H	Avinash Kumar Rathore	First	Yes	On-Campus
Hyderabad	2018-19	2017H1030073H	Satyam Chaudhary	First	Yes	On-Campus
Hyderabad	2018-19	2015A7TS0056H	Keyur Sangeet Jain	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A2PS0549H	Golluri Sharath Kumar Rao	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A5PS0862H	Prem Prakash Singh	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0310H	Vuppuluri Sriram Subhash	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0792H	Aronyak Sen	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0406H	Siddharth Gupta	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0427H	Javvaji Sai Sree Satya	First	Yes	On-Campus
Hyderabad	2018-19	2014B4A70582H	Raj Aditya Kumar	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0040H	Kuchooru Yashwanth Reddy	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0087H	Savani Abhishek Ajaykumar	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0371H	Akshay Sreekumar	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0385H	Krishna Raj	Second	Yes	On-Campus
Hyderabad	2018-19	2015A5PS0853H	Maruthi Vineela	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0200H	Alla Pranathi	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0705H	K Sanjana	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0412H	Aditya Chitray	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0024H	Krishna Teja Nunna	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0128H	Sai Eswar Krishna Mulpuri	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0361H	Bhusari Vaishnavi Rajesh	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0025H	Baireddy Bharath Reddy	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0657H	Palak Oswal	Second	Yes	On-Campus
Hyderabad	2018-19	2014B2A30910H	Aayushi Sharma	Second	Yes	On-Campus
Hyderabad	2018-19	2014B4A30554H	Aishwarya Anil Karunakar	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0283H	Nikhil Madaan	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0289H	Kushal Agrawal	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0301H	Himanshu Karandikar	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0342H	Praneet Ashok Mehta	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0295H	Vatsal Agrawal	Second	Yes	On-Campus
Hyderabad	2018-19	2014B3A70576H	Tripuramallu D S K Sarath	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0098H	Kashilkar Aditya Somnath	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0121H	Tilak Mundra	First	Yes	On-Campus
Hyderabad	2018-19	2014B4AA0687H	Dhruv Kulshreshtha	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0204H	Aditya Bharat Iyer	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0270H	Yash Gupta	First	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0787H	Rahul Vijaywargiya	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A4PS0275H	Kondapalli Sai Manoj	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0316H	Partha Saradhi Reddy Goguladinne	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0739H	Bathrinath C	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A1PS0773H	Babel Mohit Pradeep	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0490H	Rajat Mishra	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A80656H	Parth Simwal	Second	Yes	On-Campus

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Hyderabad	2018-19	2017H1410090H	Venkatramana Reddy K	First	Yes	Off-Campus
Hyderabad	2018-19	2014B5A70779H	Ayush Jain	First	Yes	On-Campus
Hyderabad	2018-19	2017H1480140H	Manmode Rutuja Babarao	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0390H	Tanay Kudapa	First	Yes	On-Campus
Hyderabad	2018-19	2014B1AB0732H	Prashal Agrawal	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0433H	Girish Dattatreya Nadiger	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A8PS0459H	Akash Dash	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A70604H	Yash Raj Jain	Second	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2014B4A70424H	Vedic Sharma	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0079H	Neetu	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0116H	Bhavesht Gawri	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A1PS0584H	Pavneet Kaur Bhatia	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A2PS0612H	Nishant Dua	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0287H	Harsh Pankaj Nagda	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0341H	Shirsak Sahoo	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0041H	Gurram Prathyusha	Second	Yes	On-Campus
Hyderabad	2018-19	2014AAB30502H	Piyush Sinhal	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0192H	Ankita Aggarwal	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0278H	Sivasatyasai Mani Chandu Indugula	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4AA0629H	Trikutam Harika	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1290004H	Azra Khanam	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0225H	Dinesh Guntur	Second	Yes	Off-Campus
Hyderabad	2018-19	2015A4PS0416H	Kolluru Uday Kiran	First	Yes	Off-Campus
Hyderabad	2018-19	2014B4A30981H	Prateek Jain	Second	Yes	On-Campus
Hyderabad	2018-19	2014B5A30925H	Avijit Singh	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0230H	Anshuman Das	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0366H	Anirudh Pitale	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0228H	Priyaranjan Mudliar	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0184H	Somjit Banerjee	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0190H	Nikhilanj Venkata Pelluri	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0265H	Tankala Sanjana	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1480145H	Ram Mohan Kartha	First	Yes	Off-Campus
Hyderabad	2018-19	2014B2AA0781H	Gautham Muppalla	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0091H	Rishabh Rakesh	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0259H	Edwin Dominic	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A70501H	Vaibhav Agrawal	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0053H	Bhambhani Govind Premchandbhai	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2016H3130070H	Saurabh Soni	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2016H3130080H	Prudhvi Raj Mandava	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A40736H	Kativarapu Parthiv	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0284H	Raghava Raju Ganesh Varma	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B2A30916H	Patlori Samaritha	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2013A1PS0817H	Surya Raghavendra Vadlamani	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0535H	Ravipati Ajay Raja Phanindra	First	Yes	On-Campus

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Hyderabad	2018-19	2014A4TS0459H	Mayank Mangal	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0349H	Kopella Manikanta Swami	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0378H	Abraham Tony Jo	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0396H	Piyush Agarwal	First	Yes	On-Campus
Hyderabad	2018-19	2014B2A80915H	Thumma Jaya Bharath Reddy	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0245H	Mohan Pavan Pardhu Gopalam	First	Yes	On-Campus
Hyderabad	2018-19	2015B2PS0804H	Patil Krishna Rajpal	First	Yes	On-Campus
Hyderabad	2018-19	2015B5PS0573H	Byreddy Vishnu Saketh Reddy	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0288H	Shubham Jha	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0718H	Arush Tayal	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0251H	Nikita Mandapati	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B2A20757H	Nitu Pandia	Second	Yes	On-Campus
Hyderabad	2018-19	2014B1A40633H	Aishwary Joshi	Second	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0712H	Sidharth Kumar Shukla	Second	Yes	On-Campus
Hyderabad	2018-19	2015B5PS0876H	Javvadi Naveena	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1060106H	Ekta Rajkumar Gupta	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1060116H	Ayushi Rawat	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1480135H	Ayush Varshney	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1480138H	K Sravya Varma	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4A40571H	Nikhilesh Bebart	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B1A30699H	Akshay Kumar K	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0186H	Ritika Ramchandani	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0293H	Vuttunoory Vishwesh Babu	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B2A80783H	Smruthi Balaji	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0279H	Sreenidhi Reddy Bommu	First	Yes	On-Campus
Hyderabad	2018-19	2017H1230121H	Aluru Krishna Shyam	First	Yes	On-Campus
Hyderabad	2018-19	2017H1230127H	Tanmay Chaudhary	First	Yes	On-Campus
Hyderabad	2018-19	2017H1230128H	Wagh Vipul Shashikant	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A30947H	Shaunak P Raipurkar	Second	Yes	Off-Campus
Hyderabad	2018-19	2015A1PS0750H	Kanupriya Maheshwari	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0233H	Suchit Kar	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A30747H	Sukanya Khan	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0333H	Shubham Rathi	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A40449H	Desireddy Lokesh Kumar Reddy	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A4PS0429H	Mitaighar Shaik Firoz	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70612H	Silvi Mantri	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70753H	Shah Neel Mehul	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70791H	Yash Manpuria	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0019H	Poola Hrushikesh	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0092H	Karan Manan Desai	First	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0442H	Aakruti Jain	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3AA0679H	Vytla Akshay Anand	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3AA0707H	Vaibhav Gupta	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0199H	Vuppu Yeshwanth	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3AA0697H	Ipsita Singh	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015ABPS0545H	Krishna Mohan Sahay	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015ABPS0720H	Shiv Ranjan Kumar	Second	Yes	PPO-(PS II)

Campus (Pilani/Goa/ Hyderabad/ Dubai)	Year (eg 2015- 16)	ID No	Name	Semester (First/Sec ond)	Placed (Yes/ No)	Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))
Hyderabad	2018-19	2015ABPS0744H	Aryan Sahi	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015ABPS0780H	Shivam Singh Naruka	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A1PS0767H	Abhijeet Singh Shekhawat	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A5PS0861H	Naga Sundara Swaroop Goli	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0050H	Poluri Siddhartha Reddy	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0097H	Samudrala Sriramacharyulu	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015ABPS0730H	Sanjo Shaju	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0070H	Kshitij Grovor	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0465H	Rajat Gupta	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A1PS0782H	Tushar Sachdeva	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3AB0620H	Challapalli Jayanth Narayan	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70951H	M Sai Kumar	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4A70756H	Achyuth Reddy Ravula	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0457H	Aditya Viswakumar	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0180H	Mavuluri Mohanarupa	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0220H	Peddi Sai Vivek	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0473H	Raunak Raj	Second	Yes	Off-Campus
Hyderabad	2018-19	2015A8PS0487H	Kalvapalli Geethika	Second	Yes	Off-Campus
Hyderabad	2018-19	2013B4AB0750H	Vishnu Venkata Sai Bontha	Second	Yes	Off-Campus
Hyderabad	2018-19	2015A2PS0520H	Ashish Yadava	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0523H	Rishabh Srivastava	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0543H	Himanshu Pal Singh	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0590H	Komaravolu Venkata Purneshwar	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0643H	Charu Srivastava	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0126H	Bharat Santosh Sabhwani	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0219H	Akash Kishorkumar Mundra	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0847H	Vivek Sharma	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0851H	Kartik Bali	First	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0632H	Mrunank Bobde	First	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0696H	Shudhendu Mishra	First	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0704H	Manuj Kushwaha	First	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0745H	Ashvin Vinodh	First	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0752H	Nikhil Sharma	First	Yes	On-Campus
Hyderabad	2018-19	2017H1060109H	Anil D	First	Yes	On-Campus
Hyderabad	2018-19	2017H1430035H	Prafulla Pradeep Shingare	First	Yes	On-Campus
Hyderabad	2018-19	2017H1430038H	Ram Sagar Mandapaka	First	Yes	On-Campus
Hyderabad	2018-19	2017H1430039H	Nitesh Jain	First	Yes	On-Campus
Hyderabad	2018-19	2017H1300047H	Mohammad Aqeel Ahamad	First	Yes	Off-Campus
Hyderabad	2018-19	2015A1PS0703H	Souparna Ghosh	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0486H	Pratik Vishwajit Bhavsar	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0518H	Krishna Prasad N	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0408H	Baldev Jay Chandresh	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015ABPS0771H	Aakash Goel	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0028H	Dirisala Ajay Manikanta Narasimha Naidu	Second	Yes	On-Campus

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Hyderabad	2018-19	2014B4AA0674H	Vaibhav Goyal	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0298H	Kayithi Vahila Reddy	Second	Yes	On-Campus
Hyderabad	2018-19	2014B4A70946H	Rishabh Kushal Pal Chauhan	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0057H	Shenoy Siddhant Shirish	First	Yes	On-Campus
Hyderabad	2018-19	2017H1030087H	Anmol Dayal Dhiman	First	Yes	On-Campus
Hyderabad	2018-19	2017H1240054H	Devineni Aslesha	First	Yes	On-Campus
Hyderabad	2018-19	2016H3130075H	Narra Pujitha	First	Yes	On-Campus
Hyderabad	2018-19	2017H1230130H	Sudhanshu Shekhar	First	Yes	On-Campus
Hyderabad	2018-19	2017H1240052H	Anushree P	First	Yes	On-Campus
Hyderabad	2018-19	2017H1240058H	Janhavi Vijay Kadu	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0700H	Belide Sai Chandu	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0513H	Beeti Sushruth	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0327H	Srungaram Venkata Sai Ravi Kiran	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0150H	Ananthula Pavan Kumar	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0253H	Tanveer Singh Hora	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1410098H	Salunke Omkar Shivling	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A1PS0501H	Damini Gupta	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0685H	Sneha Shetgar	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0729H	Saloni Patni	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0736H	Vichare Abhijeet Anil	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0781H	Anu Harika Divvela	Second	Yes	On-Campus
Hyderabad	2018-19	2014B1A20667H	Rishabh Agrawal	First	Yes	Off-Campus
Hyderabad	2018-19	2015A2PS0540H	Mohit Parashar	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0595H	Dogiparthi Naga Dheeraj	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0609H	Araja Akhil Sai	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0244H	Asutosh Sistla	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0302H	Harsh	Second	Yes	Off-Campus
Hyderabad	2018-19	2015A7PS0134H	Junnuri Sai Tejaswini	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0965H	Sahil Sangwan	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0453H	Arnab Paul Choudhury	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0189H	Sugam Gandhi	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0212H	V Karthik	Second	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0677H	K Nithin	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0044H	Ajaykrishna Karthikeyan	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0052H	Rakesh Chinthakrindi	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0113H	Shivang Dixit	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0119H	Afroz Ahamad Siddiqui	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0129H	Sarthak Rajwanshi	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0133H	Mukund Kothari	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0167H	Bandaru Kanishka	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0268H	Jayant Sravan Tamarapalli	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0382H	Anirudh Srinivasan	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0226H	Shreedha Pattanaik	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0331H	Amrita Anindita Panda	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4A40926H	Manan Agarwal	First	Yes	PPO-(PS II)



<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Hyderabad	2018-19	2015A4PS0345H	N Vishwaa	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A4PS0434H	Vaishnavi Katukollu	First	Yes	Off-Campus
Hyderabad	2018-19	2014B2AA0795H	Parav Singla	Second	Yes	On-Campus
Hyderabad	2018-19	2014B4PS0710H	Sannihith Pratyush Pulipaka	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1460163H	Veda Suresh Thorat	First	Yes	Off-Campus
Hyderabad	2018-19	2014B5AA0961H	Ebin Philip	First	Yes	On-Campus
Hyderabad	2018-19	2017H1240059H	Yadvinder Singh	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1030074H	Miss Bazila Bashir	First	Yes	On-Campus
Hyderabad	2018-19	2016H3130076H	Gelli Vamsi Krishna	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A10673H	Swarnika Agrawal	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A2PS0560H	Anand Singh Rao	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A4PS0418H	Ponnapureddy Nikhilesvara Reddy	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0182H	Venkata Surya Vamsi Krishna Kurella	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0261H	Kamanuru Mohith	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B2A70899H	Abhishek Nelaabh Ghosh	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70596H	Abhijeet Singh	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70696H	Ronak Sisodia	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70939H	Aakanksha Mudgal	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0011H	Shriram R	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0014H	Bhavsar Neel Hiteshbhai	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0015H	Aruru Krishna Vamshi	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0020H	G Bhavathi Reddy	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0023H	Hitesh V. Bhagchandani	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0031H	Naga Deepti Kottamasu	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0035H	Komatineni Pradhymna Teja	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0081H	Sidharth Srinivas Padhee	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0118H	Mothe Rohit Sunder Reddy	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0148H	Muppidi Sriya	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A7PS0175H	Aditya Kumar	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0235H	Sangi Manish Rao	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0951H	Shreya Reddy Nimma	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2014B2A30906H	Prakhar Gupta	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0215H	A Lohith	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0294H	Sagar Tripathi	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0343H	Patel Poojan Girishbhai	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0375H	Suraj Sarab	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A8PS0447H	Nikita Doddapaneni	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A8PS0470H	Pranav Mohan	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B5AA0759H	Yashwardhan Singh	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B5AA0765H	Abhilash K	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0205H	Srirangan M	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0223H	Sreemanth Prathipati	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0256H	Manchali Manish	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0273H	Chegireddy Srujana	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0297H	Rajuldev Sumeeth	Second	Yes	On-Campus

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Hyderabad	2018-19	2015A3PS0314H	Shri Akhil Chellapilla	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0334H	Abhishek Yadav	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0350H	Lipsa Bharati	First	Yes	On-Campus
Hyderabad	2018-19	2014B1A70726H	Anand S Shankar	Second	Yes	On-Campus
Hyderabad	2018-19	2014B1A70744H	Chanukya Nunna	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4A70924H	Indranil Bhaumik	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B5A70524H	Ramasami K	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0001H	Machavarapu Nagaraju	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0016H	Aasrith Sai P V R	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0032H	Uttara Ravi	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0037H	Shaik Omar Mukhtar	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0043H	Valepe Sathvik Vamshi	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0046H	Rishi Kaushik	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0047H	Tushar Aggarwal	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0059H	Bezawada Roshitha	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0099H	Kushagra Deepak Saxena	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0108H	Sagar Dasgupta	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0110H	Alluri Surya Varma	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0117H	Mudit Agarwal	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0123H	Tathireddy Akshith Reddy	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0136H	Aayush Barthwal	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0958H	Anushree S Hede	First	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0477H	Shivika Nagpal	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0485H	Ajay Sunnyhith Chidurala	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0153H	Sree Rohith P	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0196H	Sri Harsha Kariveda	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0229H	Udit Gupta	Second	Yes	On-Campus
Hyderabad	2018-19	2014B1A10657H	Sajal Bansal	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0512H	Dangar Valjibhai Daksh	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0430H	Patil Akash Ramlal	Second	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0640H	Ankush Rawat	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0323H	Vishu Antani	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0347H	Rishab Mehra	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0424H	Ranka Mansi Kishore	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0007H	Mohammed Farhaan Parvez	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0073H	Sai Venkat Reddy Banda	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0074H	Anurag Machadi	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0075H	Mridul Arora	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0107H	Rajat Biswas	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0159H	Tanuj Gupta	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0174H	Abhinav Jain	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0179H	Nikhil Joshi	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0954H	Arnav Dhamija	First	Yes	On-Campus
Hyderabad	2018-19	2017H1030075H	Manish Kumar Tripathi	First	Yes	On-Campus
Hyderabad	2018-19	2017H1030086H	Divyanshu Chaubisa	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0309H	Anshul Dubey	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0049H	Hamza Iqbal Ali	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0071H	Harshith Thonupunoori	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0122H	Chadalavada Sai Sundar Nitin	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0157H	Shrenik Nitin Chhajed	Second	Yes	PPO-(PS II)

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Hyderabad	2018-19	2015AAPS0474H	Shikhar Sharma	First	Yes	On-Campus
Hyderabad	2018-19	2017H1030071H	Kritika Sharma	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1030076H	Twinkle Singhal	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2016H3130079H	Manisha	First	Yes	On-Campus
Hyderabad	2018-19	2017H1460146H	Anjana Saju	First	Yes	On-Campus
Hyderabad	2018-19	2017H1460158H	Sonawane Kanchan Rajendra	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0312H	V Sai Nikhil	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0363H	Gedda Sai Aiswarya	Second	Yes	On-Campus
Hyderabad	2018-19	2014B1AA0769H	Madhu Preetha V	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0264H	Tejesh Andhavarapu	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0348H	Gotlaseth Taronish Adil	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A8PS0497H	Abhinav Goyal	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A1PS0670H	Shivansh	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0728H	Hrishikesh Arvind Talasila	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0770H	Mohit Agrawal	First	Yes	On-Campus
Hyderabad	2018-19	2014B2A10750H	Siddhant Kumar Patel	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0760H	Aayush Chaturvedi	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0422H	Rishi Bajargan	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0034H	Ragireddy Vivek Reddy	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0109H	Sudeep Athreya N	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0112H	Bayanagari Vara Lakshmi	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0255H	Akuthota Guru Raj Vaishnav	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0277H	Sruthi Nadella	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0306H	Patil Swarali Milind	First	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0479H	Siri Narla	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0181H	Aditya Dubey	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0224H	Dharm Siddharth Narendra	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0240H	Rahul Sai Kumar Poliseti	First	Yes	On-Campus
Hyderabad	2018-19	2017H1230120H	Satyam Gandotra	First	Yes	On-Campus
Hyderabad	2018-19	2017H1230122H	Ajit Mahadev Garud	First	Yes	On-Campus
Hyderabad	2018-19	2017H1230126H	Mohit Pravinbhai Hirpara	First	Yes	On-Campus
Hyderabad	2018-19	2017H1230131H	K Mythreyee	First	Yes	On-Campus
Hyderabad	2018-19	2017H1240057H	Dudhate Snehal Ramesh Rao	First	Yes	On-Campus
Hyderabad	2018-19	2017H1240063H	Anjana V	First	Yes	On-Campus
Hyderabad	2018-19	2014B4A40944H	Mullangi Sai Varun Reddy	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B1A70659H	Ansa Zaiba Sm	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A70749H	P Sudarshan	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1410100H	Vinay Venkateshwarrao Sakinalwar	First	Yes	Off-Campus
Hyderabad	2018-19	2017H1430030H	Yelisetty Srujan	First	Yes	On-Campus
Hyderabad	2018-19	2017H1430033H	Kola Sai Pavan Kumar	First	Yes	On-Campus
Hyderabad	2018-19	2017H1430036H	Shubham Sangram Sharma	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0588H	Kailas Milind Mohan Rao	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0616H	Aishwary Agrawal	First	Yes	On-Campus
Hyderabad	2018-19	2015A5PS0874H	Sneha Singh	Second	Yes	On-Campus

Campus (Pilani/Goa/ Hyderabad/ Dubai)	Year (eg 2015- 16)	ID No	Name	Semester (First/Sec ond)	Placed (Yes/ No)	Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))
Hyderabad	2018-19	2015AAPS0158H	Chamarty Sri Sai Srinivasa Viswabargav	First	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0710H	Naman Agarwal	First	Yes	On-Campus
Hyderabad	2018-19	2014B4A30655H	Subhprada Chand	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0321H	Akash Goel	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0029H	Machunuru Venkata Subbaiah	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0132H	Rajkaran Sharma	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0135H	Roshan Babu Koottiyaniyel	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0492H	Shubhanshu Sharma	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0266H	Movva Tanmay Krishna	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0276H	Mansi Pandey	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0330H	Vibhav Jain	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0769H	Kavyansh	Second	Yes	On-Campus
Hyderabad	2018-19	2014B5A20641H	Y S Shivanandan Kashyap	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0751H	Raguvaran S	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0415H	Aveerup Deb	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0078H	Divyang Aashish Vashi	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B1A10787H	G Sri Sai Nikhitha	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A5PS0854H	Apoorva A	Second	Yes	Off-Campus
Hyderabad	2018-19	2015A7PS0018H	Sai Preetham Mokka	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0067H	Nallam Indraneel	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1010022H	Snehal Vinayak Ware	First	Yes	Off-Campus
Hyderabad	2018-19	2014B3A30643H	Janaswamy Krishna Kanth	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0344H	Shipra Dogra	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B2A80801H	Immanni Kavya Chandrika	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B1AA0714H	Prathyusha Vedulla	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B1AA0802H	Naravaram Harshitha	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4AA0979H	Aalokita Sharma	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0211H	Aditya Ashish Desai	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0304H	Sumeen Agrawal	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0033H	Jagini Lakshmi Sravani	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A10962H	Kattoju Srinivasa Shivaram	Second	No	NA
Hyderabad	2018-19	2014B4A20668H	Mandadi Tharun Kumar Reddy	Second	No	NA
Hyderabad	2018-19	2015A2PS0496H	Himakar S A N	First	No	NA
Hyderabad	2018-19	2015A2PS0576H	Avanindra Singh Rajput	First	No	NA
Hyderabad	2018-19	2015A2PS0591H	S Rahil Muneer Ahmed	First	No	NA
Hyderabad	2018-19	2014B5A30766H	Mohit Upadhyay	Second	No	NA
Hyderabad	2018-19	2014B2A40708H	Aditya Singh	Second	No	NA
Hyderabad	2018-19	2014B3A40537H	Manoj Kumar K V	Second	No	NA
Hyderabad	2018-19	2014B5A40712H	Ebenezer Prasanna G	Second	No	NA
Hyderabad	2018-19	2015A4PS0417H	Sandeep Bandarupalli	First	No	NA
Hyderabad	2018-19	2015A4PS0432H	Shashank Dharamchand Aggarwal	Second	No	NA
Hyderabad	2018-19	2015A5PS0859H	Mrityunjay Shrivastava	First	No	NA
Hyderabad	2018-19	2015A5PS0871H	Koneti Shanmukhi	First	No	NA
Hyderabad	2018-19	2014B4A70918H	Tarunee Meesala	Second	No	NA

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Hyderabad	2018-19	2015A7PS0169H	Angajala Siva Srikar	Second	No	NA
Hyderabad	2018-19	2014B1A80792H	Nihal Reddy Barla	Second	No	NA
Hyderabad	2018-19	2015A8PS0360H	Gurajala Venkat Sai Abhishek	First	No	NA
Hyderabad	2018-19	2015AAPS0234H	Alwala Chandan	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0004H	Naga Sri Harsha Vadrevu	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0012H	Ahraz Rizvi	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0060H	Yashodhar Meduri	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0062H	S Surya Rao	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0076H	Venkata Krishna Bharadwaj Boinepally	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B4AA0762H	Praful Gupta	Second	No	NA
Hyderabad	2018-19	2015A7PS0105H	Gulanikar Abhiram Anand	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0239H	Vatsal Joshi	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0263H	Bharat Raghunathan	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0202H	Neelagiri Sai Aryamaan	First	No	NA
Hyderabad	2018-19	2015AAPS0246H	D S Siddharth	First	No	NA
Hyderabad	2018-19	2015AAPS0979H	Karthik Natarajan	First	No	NA
Hyderabad	2018-19	2015A4PS0440H	Jayesh Sanwal	First	Yes	On-Campus
Hyderabad	2018-19	2017H1060113H	Kaustubh Laxman Kadam	First	Yes	On-Campus
Hyderabad	2018-19	2017H1460148H	Mahajan Radhika Rajiv	First	Yes	On-Campus
Hyderabad	2018-19	2014ABPS0738H	Prashant Sharma	Second	No	NA
Hyderabad	2018-19	2014B1AB0650H	Aditya Kumar Das	Second	No	NA
Hyderabad	2018-19	2015A1PS0547H	Kritanshu Singh	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A20746H	M Venkata Sachin Chandra	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0655H	Md Zaid	First	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0210H	Digumarty Srivenkata Sai Sandeep	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1430034H	Muthubharathi P	First	Yes	Off-Campus
Hyderabad	2018-19	2014B1AB0741H	Voni Sujith Kumar	Second	No	NA
Hyderabad	2018-19	2014B1AB0913H	Ayush Yadav	Second	No	NA
Hyderabad	2018-19	2015B3PS0875H	Hemanth Das	First	No	NA
Hyderabad	2018-19	2017H1010025H	Seemarekha Das	First	No	NA
Hyderabad	2018-19	2015A3PS0346H	Pratyush Srivastava	Second	Yes	On-Campus
Hyderabad	2018-19	2014B4A70607H	Yashdeep Paul Singh	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1290003H	Nimisha Nath	First	Yes	On-Campus
Hyderabad	2018-19	2017H1290009H	Neha Ravindra Ashtikar	First	Yes	On-Campus
Hyderabad	2018-19	2017H1460154H	C Varun Reddy	First	Yes	On-Campus
Hyderabad	2018-19	2017H1460156H	Vidushi Aggarwal	First	Yes	On-Campus
Hyderabad	2018-19	2014B2A20911H	Rishabh Arora	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A30519H	Kapil Bishnoi	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0013H	Shreya Pandey	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0017H	Mohammad Salim Ali Khan	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0036H	Chakka Srikar	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0093H	Shardul Shailendra Parab	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0102H	Samkit Jain	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0127H	Anup N	First	Yes	On-Campus
Hyderabad	2018-19	2017H1010027H	Sayyed Sheraj Zulfekher	First	No	NA
Hyderabad	2018-19	2015A7PS0142H	V Thejas	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0151H	Mohit Goyal	First	Yes	On-Campus

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Hyderabad	2018-19	2015A7PS0166H	Chennamaneni Thaman	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0168H	Shubham Pawan Singal	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0170H	Manik Khandelwal	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0176H	Anshik Thareja	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A8PS0467H	Bharadwaja Venkata Satya Vemparala	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A4PS0404H	Trupti Nitin Shet	Second	Yes	On-Campus
Hyderabad	2018-19	2014B3A70573H	Kota Sai Sai Chandrika	Second	Yes	On-Campus
Hyderabad	2018-19	2014B5A70775H	Vidhate Aditya Laxman	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0088H	Sidhanth Krishna	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0258H	Vibhor Govil	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0338H	Domalapally Mahati	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0183H	Grandhi Sri Sai Susmitha	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0209H	Kuchipudi Siri Chandana	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015AAPS0585H	Lalit Kishan Sisodiya	First	Yes	Off-Campus
Hyderabad	2018-19	2015A4PS0296H	Kochiganti Venkata Sai Praveen	First	Yes	On-Campus
Hyderabad	2018-19	2017H1030079H	Swati Kumari	First	No	NA
Hyderabad	2018-19	2017H1060107H	Panchal Parthiv Kantilal	First	No	NA
Hyderabad	2018-19	2015A4PS0419H	Ananya V K	Second	Yes	Off-Campus
Hyderabad	2018-19	2017H1230118H	Mohit Dangayach	First	No	NA
Hyderabad	2018-19	2015A4PS0315H	Sulake Sandeep Kumar	First	Yes	On-Campus
Hyderabad	2018-19	2017H1060105H	Shweta Yadav	First	Yes	On-Campus
Hyderabad	2018-19	2017H1410091H	Rajat Kumar Panigrahi	First	Yes	On-Campus
Hyderabad	2018-19	2017H1410092H	Bhallamudi Vijaya Narayana	First	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0794H	C Rishi Teja	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0908H	Manoj Dangi	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1230133H	Bhavneet Kaur	First	No	NA
Hyderabad	2018-19	2014B4A40982H	Adnan Ahzam	Second	Yes	On-Campus
Hyderabad	2018-19	2015A5PS0858H	Komanduri Valli Bhargavi	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0068H	Ashish Mulchandani	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1230134H	Mangalagiri Dinesh Kumar	First	No	NA
Hyderabad	2018-19	2015A8PS0478H	Rishabh Jain	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1410093H	Shaikh Ammar Muzamil	First	No	NA
Hyderabad	2018-19	2017H1410094H	Rohit Rishav	First	No	NA
Hyderabad	2018-19	2015A3PS0335H	Divyank Shekhar	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0387H	Ovase Moinuddin Syed	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0389H	Aahlad Vaibhav Vanam	First	Yes	On-Campus
Hyderabad	2018-19	2017H1410097H	Durgavajhala Pavan Kumar	First	Yes	On-Campus
Hyderabad	2018-19	2017H1410102H	Abhishek Gorle	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0320H	Kumpatla V V S Thrinadh	First	Yes	Off-Campus
Hyderabad	2018-19	2017H1460147H	Deshpande Vibha Sanjay Vaishali	First	No	NA
Hyderabad	2018-19	2017H1460162H	Sampada Mandaar Pande	First	No	NA
Hyderabad	2018-19	2017H1480142H	Bhambure Ajit Namdeo	First	No	NA
Hyderabad	2018-19	2015A7PS0066H	Akhil Bodapati	First	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0086H	Ajinkya Ashwinkumar Rasane	First	Yes	On-Campus

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Hyderabad	2018-19	2015A7PS0111H	Bajaj Abhijeet Ramesh	First	Yes	On-Campus
Hyderabad	2018-19	2017H1430029H	Aditi Kulkarni	First	Yes	On-Campus
Hyderabad	2018-19	2014B2A10907H	Rohan Pullela	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0715H	Swarnima	Second	Yes	On-Campus
Hyderabad	2018-19	2016H3130078H	Manju Kumari	First	No	NA
Hyderabad	2018-19	2015A4PS0410H	Onkareshwar Mishra	Second	Yes	On-Campus
Hyderabad	2018-19	2014B3A70517H	Deshmukh Arjun Deepak	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0236H	Yalamanchili Uday Sankar	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0141H	Nirmal Sai Kuldeep Rajana	Second	Yes	Off-Campus
Hyderabad	2018-19	2015AAPS0185H	S Pranavi Gayathri	Second	Yes	On-Campus
Hyderabad	2018-19	2014B2A10898H	Utkarsh Chaturvedi	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B3A10663H	Pinnamaraju Hemanth	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A1PS0741H	Yash Jain	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A2PS0596H	Krishna Vardhan Diggavi	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B1A30786H	Rathi Amreshwar Vishnudasji	Second	Yes	On-Campus
Hyderabad	2018-19	2014B3A30589H	Vaibhav Gupta	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A3PS0195H	Tisha Singh	First	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0372H	Geetanjali Dhakar	Second	Yes	On-Campus
Hyderabad	2018-19	2014B3A40721H	Gandham Nikhil	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A4PS0147H	Tanmay Ranjan Srivastava	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A5PS0870H	Shubhank Gupta	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0164H	Kummeta Avinash Reddy	Second	Yes	On-Campus
Hyderabad	2018-19	2015A7PS0101H	Yeshwanth Kuchimanchi	Second	Yes	On-Campus
Hyderabad	2018-19	2014B4A30761H	Immudisetty Anook	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0322H	N Sai Abhishek Siddhartha	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0326H	Poluri Kamal	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0414H	Nishant Raghuvanshi	Second	Yes	On-Campus
Hyderabad	2018-19	2014B2A80778H	Malpani Shubham Kamal Kishore	Second	Yes	On-Campus
Hyderabad	2018-19	2015AAPS0285H	Grandi Sai Ashrith	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0308H	Rishabh Singh	Second	Yes	On-Campus
Hyderabad	2018-19	2014B2A70975H	Lad Anshal Mukesh	Second	Yes	On-Campus
Hyderabad	2018-19	2014B5AB0751H	Venkat Mohit Sornapudi	Second	Yes	Off-Campus
Hyderabad	2018-19	2017H1290007H	Nishtha Kushwaha	First	Yes	Off-Campus
Hyderabad	2018-19	2015A8PS0461H	Kandru Nikhil	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B5A70770H	Kshitij	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0039H	Subhadip Jana	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A7PS0058H	Kowlali Sree Charan	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1030072H	Sourabh Sethi	First	Yes	PPO-(PS II)
Hyderabad	2018-19	2017H1030067H	Bharathi Bandi	First	Yes	On-Campus
Hyderabad	2018-19	2017H1060104H	Bhautik Bipinbhai Patel	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A70608H	Subhas Chandra K E	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2015A4PS0423H	Murtaza Bohra	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A30935H	Divyansh Mahajan	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2015A3PS0332H	Divyaman Singh	First	Yes	PPO- (Summer Internship)
Hyderabad	2018-19	2017H1030084H	Aherkar Tushar Shirish	First	Yes	On-Campus

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Hyderabad	2018-19	2017H1240062H	Kulkarni Shubhankar Abhay	First	Yes	On-Campus
Hyderabad	2018-19	2014B2A30782H	Aurnab Mandal	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0960H	Adarsh R Salagame	Second	Yes	On-Campus
Hyderabad	2018-19	2017H1300048H	Vendoti Nikitha	First	Yes	Off-Campus
Hyderabad	2018-19	2014B4A30927H	Aakriti Manoj Saraf	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0311H	Sai Prakash Seethaka	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0365H	M Kautilya Phani	Second	Yes	On-Campus
Hyderabad	2018-19	2015A3PS0377H	Murthyreddy Amulya	Second	Yes	On-Campus
Hyderabad	2018-19	2015A8PS0466H	Rishabh Mishra	First	Yes	Off-Campus
Hyderabad	2018-19	2015AAPS0241H	Chivukula Sai Abhishek	First	Yes	Off-Campus
Hyderabad	2018-19	2017H1290010H	Kirti Suhag	First	Yes	On-Campus
Hyderabad	2018-19	2015A5PS0868H	Srishti Kapil	Second	Yes	PPO-(PS II)
Hyderabad	2018-19	2014B2A10816H	Devavarapu Lakshmi Sahithi	Second	Yes	On-Campus
Hyderabad	2018-19	2014B2A10897H	Diksha Singh	Second	Yes	On-Campus
Hyderabad	2018-19	2015A1PS0768H	Shalini Joshi	Second	Yes	On-Campus
Hyderabad	2018-19	2014B2A20900H	Aniruddha Singhal	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0557H	Abhyuday Sharma	Second	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0589H	Pratik Agrawal	First	Yes	On-Campus
Hyderabad	2018-19	2015A2PS0603H	Nidhi Sannametla	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0272H	Piyush Lalwani	First	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0381H	K Sachin Chandra	Second	Yes	On-Campus
Hyderabad	2018-19	2015A4PS0413H	Nandipati Venkata Sai Prabhu	First	Yes	On-Campus
Hyderabad	2018-19	2014B3A80599H	Soumya Nema	Second	Yes	On-Campus
Hyderabad	2018-19	2014B4AA0745H	Vibhu Agrawal	Second	Yes	On-Campus
Hyderabad	2018-19	2015ABPS0551H	Pradyumna Chakraborty	First	Yes	On-Campus
Goa	2018-19	2014B5A30903G	Ankit Dhanraj Muthiyar	Second	Yes	On-Campus
Goa	2018-19	2014B5A40592G	Anish Mukherjee	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0164G	Harshit Khandelwal	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0353G	Akshat Joshi	Second	Yes	On-Campus
Goa	2018-19	2014B3A80591G	Sabhyata Shukla	Second	Yes	On-Campus
Goa	2018-19	2015B3PS0507G	Nimish Jain	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0685G	Prateek Srivastav	First	Yes	On-Campus
Goa	2018-19	2014B5A40790G	Samyak Jain	First	Yes	On-Campus
Goa	2018-19	2015A7PS0065G	M Shreenath	Second	Yes	PPO-(PS II)
Goa	2018-19	2017H1010025G	Pranjali Sunil Ranade	First	Yes	On-Campus
Goa	2018-19	2017H1410053G	Kuchipudi Venkata Sai Pavan	First	Yes	On-Campus
Goa	2018-19	2017H1410056G	Sushant Arya	First	Yes	On-Campus
Goa	2018-19	2017H1410057G	Manepalli Ravi Teja	First	Yes	On-Campus
Goa	2018-19	2014B1A10857G	Siddharth Das	First	Yes	Off-Campus
Goa	2018-19	2017H1410052G	Kumar Vatsa	First	Yes	Off-Campus
Goa	2018-19	2017H1410055G	Shajith G	First	Yes	Off-Campus
Goa	2018-19	2015A3PS0224G	Adithya Narayanan	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2014B4A70427G	Ashutosh Saboo	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2014B4A70680G	Abhiraj Saxena	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2014B4A70914G	Yash Pandya	First	Yes	PPO- (Summer Internship)



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Goa	2018-19	2015A7PS0059G	Siddharth Jitendra Shah	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0107G	Diwanji Vedant Milind	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0112G	Akash Shekhawat	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2017H1400088G	Anveshka Aditya Maurya	First	Yes	PPO-(PS II)
Goa	2018-19	2014B3A70795G	Sartaj Singh Sandhu	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B4A70379G	Siddharth Vinodkumar Mundada	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B5A70369G	Abhik Ray	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A3PS0206G	Safwan Ashfaq	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0557G	Nitin Chopra	Second	Yes	On-Campus
Goa	2018-19	2014B2A70716G	Himanshu Singhvi	Second	Yes	On-Campus
Goa	2018-19	2014B4A70595G	Bauskar Adwait Jitendra	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2014B4A70689G	Devashi Gulati	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0086G	Aditi Dinesh Maheshwari	Second	Yes	On-Campus
Goa	2018-19	2014B3A80568G	Shubham Kapoor	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0209G	Vikramaditya Kukreja	Second	Yes	On-Campus
Goa	2018-19	2014B5A70705G	Madle Sneha Malasiddha	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0094G	Patke Archit Vinay	Second	Yes	On-Campus
Goa	2018-19	2017H1290011G	Janani Sankar	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A4PS0356G	Saarthak Pal	First	Yes	On-Campus
Goa	2018-19	2014B5A40706G	Prateek Nagvani	First	Yes	PPO-(PS II)
Goa	2018-19	2014B5A40806G	Kadamb Gupta	Second	Yes	Off-Campus
Goa	2018-19	2015A7PS0057G	Maaz Ahmed Sheriff	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A7PS0032G	Shrut Patel	Second	Yes	Off-Campus
Goa	2018-19	2015A1PS0661G	Divya Jain	First	Yes	Off-Campus
Goa	2018-19	2015A1PS0616G	Swarnim Basoya	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0775G	Ashuthosh Balabhadrapathruni	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0175G	Divyanshu Medatwal	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0221G	Yalagonda Nikhil	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0355G	Shaheem P	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0312G	Nikam Tanaya Shailendra	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0512G	G Aditya	Second	Yes	On-Campus
Goa	2018-19	2015B4TS0438G	Kokate Nupur Sitaram	Second	Yes	On-Campus
Goa	2018-19	2017H1290003G	Akshay Shinde	First	Yes	On-Campus
Goa	2018-19	2017H1230072G	Ram Ratan Singh	First	Yes	Off-Campus
Goa	2018-19	2015A1PS0604G	Binoy A Sen	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0172G	Aneesh Kumar Srivastava	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0304G	Nishita Giri	Second	Yes	On-Campus
Goa	2018-19	2014B1A80724G	Katyayan Aanand	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0402G	Iyer Vineet Sridhar	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0523G	Pulkit Agrawal	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0580G	Anand Vishnu K	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0126G	Rohit Srivastava	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0162G	Shreyas R	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0398G	Gaurav Seth	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0010G	Mayank Harsani	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0030G	Sagar Malhotra	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0338G	Niharika Agnihotri	Second	Yes	On-Campus

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Goa	2018-19	2015A8PS0529G	Gandharv Srivastava	Second	Yes	On-Campus
Goa	2018-19	2015B3PS0542G	Kuldeep Chachria	Second	Yes	On-Campus
Goa	2018-19	2014B4PS0586G	Wagh Nimish Atul	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0601G	Abhay Khandelwal	First	Yes	On-Campus
Goa	2018-19	2015A1PS0665G	Varun Mukundhan	First	Yes	On-Campus
Goa	2018-19	2015A1PS0670G	Vivek Khanna	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0177G	Chakshu Moar	First	Yes	On-Campus
Goa	2018-19	2015A4PS0323G	Rohan Godiyal	Second	Yes	On-Campus
Goa	2018-19	2014B3A80579G	Chetan Swaroop Tiwari	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0509G	Sindhu Priya Davuluri	Second	Yes	On-Campus
Goa	2018-19	2017H1030037G	Madhur Poddar	First	Yes	On-Campus
Goa	2018-19	2017H1400089G	Manoj J	First	Yes	On-Campus
Goa	2018-19	2014B4A30664G	Soumya Jethani	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0255G	Suyash Bagadia	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A3PS0274G	Prakhar Sharda	Second	Yes	PPO-(PS II)
Goa	2018-19	2017H1030042G	Ganta Swathi	First	Yes	PPO-(PS II)
Goa	2018-19	2017H1030043G	Pratyaksh Prasoon	First	Yes	PPO-(PS II)
Goa	2018-19	2014B5A30707G	Kapil Kalra	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A8PS0503G	Abhishek Anupam Desai	Second	Yes	Off-Campus
Goa	2018-19	2013B3A10611G	Aman Krishna	Second	Yes	On-Campus
Goa	2018-19	2014B2A10879G	Ranit Banerjee	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0428G	Sayan Biswas	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0587G	Sanket Mishra	Second	Yes	On-Campus
Goa	2018-19	2015B4A10444G	Saloni Maninder Singh	Second	Yes	On-Campus
Goa	2018-19	2014B4A30895G	Gune Shriya Shrish	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0291G	Abhinav Narang	Second	Yes	On-Campus
Goa	2018-19	2014A4TS0302G	Shubham Garg	Second	Yes	On-Campus
Goa	2018-19	2014B1A40711G	Niranjan Gyanchandani	Second	Yes	On-Campus
Goa	2018-19	2014B4A40643G	Harsh Rajeshkumar Patel	Second	Yes	On-Campus
Goa	2018-19	2014B4A40801G	Saurabh Sharma	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0157G	Rithwik S	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0227G	Chandrashekar Dilip Koushik	Second	Yes	On-Campus
Goa	2018-19	2013B1A80774G	Vishal Lavania	Second	Yes	On-Campus
Goa	2018-19	2014B3A80798G	Walwadkar Shardul Sharadrao	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0324G	Nikhil Kumar	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0496G	Shryansh Jain	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0527G	Nishant Yadav	Second	Yes	On-Campus
Goa	2018-19	2017H1400094G	Pokuri Madhavi	First	Yes	On-Campus
Goa	2018-19	2015A1PS0684G	Raktim Roychoudhury	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B1A30923G	Kannan Kapoor	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A30648G	Ishan Arora	Second	Yes	PPO-(PS II)
Goa	2018-19	2013B3A40600G	Sanjyot Rangarao Bhosale	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A40796G	Tarun Upadhyay	Second	Yes	PPO-(PS II)
Goa	2018-19	2017H1410061G	Rathnagiri Sairam Kaushik	First	Yes	Off-Campus
Goa	2018-19	2017H1030044G	Akshay Dixit	First	Yes	On-Campus
Goa	2018-19	2014B1A40787G	Parth Madan	Second	Yes	On-Campus
Goa	2018-19	2014B2A70959G	Shanbhag Atul Damodar	First	Yes	PPO- (Summer Internship)

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Goa	2018-19	2015A7PS0163G	Suhas Shripad Hebbar	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A8PS0409G	Atharva Joshi	First	Yes	On-Campus
Goa	2018-19	2017H1030031G	Vishnu C	First	Yes	On-Campus
Goa	2018-19	2017H1030041G	Jasmine G Chandran	First	Yes	On-Campus
Goa	2018-19	2017H1030046G	Incia Anand	First	Yes	On-Campus
Goa	2018-19	2015A3PS0234G	Joshi Mayur Gopalrao	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0276G	Abhin Mr	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0025G	Abhishek Jain	Second	Yes	On-Campus
Goa	2018-19	2017H1030048G	Ankit Saini	First	Yes	On-Campus
Goa	2018-19	2015A8PS0425G	Vashisht G Anand	First	Yes	Off-Campus
Goa	2018-19	2017H1410051G	Pranjali Singh	First	Yes	Off-Campus
Goa	2018-19	2015A8PS0517G	Thanawala Neil Manis	Second	Yes	On-Campus
Goa	2018-19	2017H1230075G	Ramjiyani Aniket Rameshbhai	First	Yes	On-Campus
Goa	2018-19	2017H1400087G	Chavan Ajita Anantrao Sumitra	First	Yes	PPO-(PS II)
Goa	2018-19	2015A1PS0540G	Anirvan Kush Majumdar	First	Yes	On-Campus
Goa	2018-19	2015A1PS0682G	Rohan Babu Paul	First	Yes	On-Campus
Goa	2018-19	2015A1PS0602G	Gandhi Siddharth Bhuvneshkumar	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0666G	Sourav Kumar	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0184G	Sanskriti Shrivastava	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0008G	Vatsal Bhanderi	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0520G	Kunal Choukse	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0247G	Nihal Gupta	First	Yes	On-Campus
Goa	2018-19	2014A3PS0761G	Yash Dhing	Second	Yes	On-Campus
Goa	2018-19	2014B2A30955G	Abhinav Singh	First	Yes	On-Campus
Goa	2018-19	2014B5A30672G	Ankit Anand	Second	Yes	On-Campus
Goa	2018-19	2014B5A30789G	Rikkin Amit Majani	Second	Yes	On-Campus
Goa	2018-19	2014B5A30899G	Harsh Harshad Mavani	First	Yes	On-Campus
Goa	2018-19	2015A3PS0208G	Abhinav Gupta	Second	Yes	On-Campus
Goa	2018-19	2014B2A40908G	Kunwarjeet Chawla	Second	Yes	On-Campus
Goa	2018-19	2014A3A70217G	Madhu Adav M J	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0020G	Yash Singh	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0041G	Sri Harish G	First	Yes	On-Campus
Goa	2018-19	2015A7PS0050G	Harsh Vardhan Ande	First	Yes	On-Campus
Goa	2018-19	2015A7PS0063G	Surya Pratap Mehra	First	Yes	On-Campus
Goa	2018-19	2015A7PS0074G	Shree Garg	First	Yes	On-Campus
Goa	2018-19	2015A7PS0097G	Prateek Bontha	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0102G	Devesh Pradiprao Dhole	Second	Yes	On-Campus
Goa	2018-19	2014B2A80710G	Sarthak Singh	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0460G	Aditya Malhotra	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0522G	Rahul Bansal	Second	Yes	On-Campus
Goa	2018-19	2014B2A30862G	Swapnil Taparia	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A30590G	Kashish Malhotra	Second	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A4PS0272G	Shah Urval Dhaval	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A4PS0337G	Saurabh Kumar	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0372G	Rohith Reddy Kasarla	First	Yes	On-Campus
Goa	2018-19	2015B3PS0822G	Nimesh Patodi	First	Yes	On-Campus
Goa	2018-19	2017H1030034G	Parul Arora	First	Yes	On-Campus

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Goa	2018-19	2017H1410063G	Kamat Shriyash Shrivallabh	First	Yes	On-Campus
Goa	2018-19	2014B3A30793G	Tamanna Pahooja	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A70629G	Bharat Arora	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2014B4A70526G	Sanyam Mehta	Second	Yes	PPO- (Summer Internship)
Goa	2018-19	2014B4A70782G	Manu Saraswat	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0095G	Shilpa Raju	First	Yes	On-Campus
Goa	2018-19	2015A7PS0101G	Phadke Prajakta Pramod	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0145G	Malani Prachi Santosh	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A1PS0620G	Shivyam Rastogi	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0655G	Nikhil Chaudhary	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A1PS0713G	Apoorv Kumar	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B2A30859G	Sumegha Singhania	Second	Yes	On-Campus
Goa	2018-19	2014B2A30948G	Kunal Jayendra Malavia	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0169G	Yash Agarwal	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A3PS0181G	Nityam Bagga	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0293G	Greenoe George	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0385G	Vibhu Goyal	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0042G	Mulay Manas Yogesh	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0072G	Akkshay G	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0110G	Mihir Manish Kelekar	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0465G	Vrajesh Jaidev Iyengar	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A8PS0479G	Anurag Gupta	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A7PS0070G	Kommi Sai Avinash	First	Yes	Off-Campus
Goa	2018-19	2015A3PS0266G	Kartik Anoop Kumar Kulgod	Second	Yes	On-Campus
Goa	2018-19	2014B5A80634G	Vaibhav Sanghi	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0458G	Karan Veer Singh Jadon	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0511G	Pranshu Singhal	Second	Yes	On-Campus
Goa	2018-19	2014B4A10235G	Gandhi Prasheel Chetan	First	Yes	Off-Campus
Goa	2018-19	2015A3PS0289G	Patil Shivansh Udesing	Second	Yes	On-Campus
Goa	2018-19	2012A7PS0040G	Anish Sanka	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0016G	Bommineni Karunakar Reddy	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0232G	Rishabh Jain	First	Yes	On-Campus
Goa	2018-19	2015A4PS0180G	Aditya Jha	First	Yes	On-Campus
Goa	2018-19	2015A4PS0185G	Adinath D M	First	Yes	On-Campus
Goa	2018-19	2015A4PS0223G	Atharva Suhas Vaidya	First	Yes	On-Campus
Goa	2018-19	2015A4PS0285G	Ankit Saxena	First	Yes	On-Campus
Goa	2018-19	2015A7PS0117G	Pulkit Garg	First	Yes	On-Campus
Goa	2018-19	2015A1PS0563G	Apurva Kumar Mishra	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A1PS0639G	Amaan Qureshi	First	Yes	PPO-(PS II)
Goa	2018-19	2015A1PS0730G	Utkarsh Mishra	First	Yes	On-Campus
Goa	2018-19	2017H1010017G	Rhea Mariam John	First	Yes	On-Campus
Goa	2018-19	2015A3PS0173G	Aditya Kumar Jha	Second	Yes	On-Campus
Goa	2018-19	2014B5A40607G	Swarit Kohli	Second	Yes	On-Campus
Goa	2018-19	2014B1A70473G	Rohan Kumar	Second	Yes	On-Campus

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Goa	2018-19	2015A7PS0067G	Kadam Soham Dnyaneshwar	Second	Yes	On-Campus
Goa	2018-19	2014B1A80721G	Sourabh Sunil Halleppanavar	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A80541G	Vedant Bhardwaj	Second	Yes	On-Campus
Goa	2018-19	2014B3A80593G	Piyush Pahwa	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0413G	Vaibhav Goswami	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0483G	Shivani Gupta	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0491G	Aman Agrawal	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0533G	Akhil Ganesh Kamath	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0098G	Jain Ashwin Lalit	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A1PS0582G	Sistla Venkata Sai Ravi Teja	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0613G	Vishwas Maheshwari	First	Yes	On-Campus
Goa	2018-19	2015A1PS0689G	Gautam Raghu	Second	Yes	On-Campus
Goa	2018-19	2014B4A30578G	Himanshu Agarwal	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0235G	Akshat Rajesh Shah	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0273G	Tanay Hitesh Lokhandwala	Second	Yes	On-Campus
Goa	2018-19	2014B3A40639G	Rushil Awasthi	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0311G	Waris Singla	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0351G	Sahil Sabharwal	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0100G	Kulkarni Rohit Ravikiran	Second	Yes	On-Campus
Goa	2018-19	2017H1400090G	Meghashree S	First	Yes	Off-Campus
Goa	2018-19	2014B3A30797G	Aditya Shrivastava	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A1PS0733G	Modale Pranav Bhimrao	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0349G	Padala Vamsee Krishna	Second	Yes	On-Campus
Goa	2018-19	2014B3A80659G	Saksham Fotedar	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0447G	Gurdain Singh Madan	Second	Yes	On-Campus
Goa	2018-19	2015B1PS0757G	Shrey Vijayvargiya	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0183G	Tanmay Choteylal Jain	Second	Yes	On-Campus
Goa	2018-19	2014B5A80698G	Addanki Sivadatta Prabhudev	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0800G	Paritosh Jayantikumar Chaudhary	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0037G	Manan Pachchigar	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0045G	Thalari Suraj	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0054G	Nallacheruvu Silpa Soni	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0056G	Aditya Raghavendra Karkhanis	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0068G	Amit Phabba	Second	Yes	On-Campus
Goa	2018-19	2014B3A10649G	J Tanay	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A1PS0615G	Harshad Atul Bade	Second	Yes	PPO-(PS II)
Goa	2018-19	2013B3A40498G	Sharvari Kshirsagar	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A4PS0383G	Agarwal Yash Tushar	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A7PS0096G	Ritesh Ghodrao	Second	Yes	PPO-(PS II)
Goa	2018-19	2017H1400081G	Sardeshpande Shubhankar Milind	First	Yes	PPO-(PS II)
Goa	2018-19	2015A7PS0066G	Rattanot Singh	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0084G	Nipun Sood	First	Yes	PPO- (Summer Internship)

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Goa	2018-19	2015A7PS0116G	Kausam Bhat	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2014B4A30668G	Tanu Runthala	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A3PS0238G	Shubham Singla	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A3PS0193G	Deepanshu Kaushik	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A40453G	Dodeja Akansha Jethanand	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A7PS0044G	Parth Sandip Mehta	First	Yes	On-Campus
Goa	2018-19	2015A7PS0083G	Siddhant Jain	First	Yes	On-Campus
Goa	2018-19	2015A8PS0482G	Pankaj Sharma	First	Yes	On-Campus
Goa	2018-19	2015A8PS0526G	Ishav Punia	Second	Yes	PPO-(PS II)
Goa	2018-19	2014A1PS0620G	Shreyans Gupta	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B2A30786G	Yogendra Singh Chouhan	First	Yes	On-Campus
Goa	2018-19	2014B3A40515G	Sukrit Gaira	First	Yes	On-Campus
Goa	2018-19	2015A4PS0241G	Ishaan Kohli	First	Yes	On-Campus
Goa	2018-19	2015A4PS0364G	Lakshya Agarwal	First	Yes	On-Campus
Goa	2018-19	2015A4PS0396G	Robin Singh Chib	First	Yes	On-Campus
Goa	2018-19	2015A8PS0492G	Novesh	First	Yes	On-Campus
Goa	2018-19	2015A3PS0214G	Parshva Paras Kothari	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B4A70623G	Apeksha Jain	Second	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A8PS0399G	Kshitij Vijay Gangal	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A30558G	Eshan Mandloi	Second	Yes	On-Campus
Goa	2018-19	2014B4A30682G	Sneha Garg	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0137G	Chavan Rahul Suresh	First	Yes	On-Campus
Goa	2018-19	2015A4PS0199G	Shubham Lahoti	First	Yes	On-Campus
Goa	2018-19	2015A4PS0279G	Chetan Makhan Gour	First	Yes	On-Campus
Goa	2018-19	2015A4PS0307G	Abhimanyu	First	Yes	On-Campus
Goa	2018-19	2015A4PS0310G	Akshat Pagey	First	Yes	On-Campus
Goa	2018-19	2015A4PS0331G	Jayesh Mahajan	First	Yes	On-Campus
Goa	2018-19	2017H1410050G	Apoorv Shrivastava	First	Yes	On-Campus
Goa	2018-19	2014B5A30906G	Akash Navani	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0134G	N Raghav	Second	Yes	On-Campus
Goa	2018-19	2014B1A70717G	Arkapriya Paul	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0035G	Shaikh Amreen Rajmohmad	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0233G	Adya Arora	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A8PS0401G	Tanmay Kakati	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A8PS0449G	Mayank G Jain	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A8PS0430G	Arupathi Veerendar Arun Reddy	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0336G	Satyam Gupta	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0210G	Harin Nilesh Shah	First	Yes	On-Campus
Goa	2018-19	2015A4PS0257G	Saumik Chandrakant Jaiswal	First	Yes	On-Campus
Goa	2018-19	2017H1400091G	Mayank Balodi	First	Yes	Off-Campus
Goa	2018-19	2014B4A30909G	Sammit Jain	Second	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0109G	Sreelakshmi S B	First	Yes	On-Campus
Goa	2018-19	2017H1230069G	Kirti Awadhesh Singh	First	Yes	On-Campus
Goa	2018-19	2014B3A70415G	Rohan A Gajendragadkar	Second	Yes	Off-Campus
Goa	2018-19	2017H1230065G	Tendolkar Abhishek Hemant	First	Yes	On-Campus

Campus (Pilani/Goa/ Hyderabad/ Dubai)	Year (eg 2015- 16)	ID No	Name	Semester (First/Sec ond)	Placed (Yes/ No)	Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))
Goa	2018-19	2017H1230080G	Palem Shaik Sumiya	First	Yes	On-Campus
Goa	2018-19	2014B1A70940G	Ajinkya Lakhan Sonawane	First	Yes	On-Campus
Goa	2018-19	2014B3A70419G	Amith P	Second	Yes	PPO- (Summer Internship)
Goa	2018-19	2014B4A70913G	Kartikeya Kumar Jain	First	Yes	On-Campus
Goa	2018-19	2015A7PS0004G	Pankaj Kumar	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0006G	Jain Ankshith Rajendra	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0036G	Garvit Gupta	First	Yes	On-Campus
Goa	2018-19	2015A7PS0048G	Anshul Aggarwal	First	Yes	On-Campus
Goa	2018-19	2015A7PS0073G	Lohit Marodia	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0079G	Keshav Prasad	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0092G	Rohan Sengupta	First	Yes	On-Campus
Goa	2018-19	2015A7PS0108G	Mugdha Mohapatra	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2017H1030040G	Divya Kumar	First	Yes	On-Campus
Goa	2018-19	2015A4PS0333G	Narayanan M Menon	Second	Yes	Off-Campus
Goa	2018-19	2015A7PS0033G	Shreyas N Bhat	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015B3PS0505G	Abhishek Deshpande	Second	Yes	PPO-(PS II)
Goa	2018-19	2017H1030032G	Gaikwad Komal Sonba	First	Yes	On-Campus
Goa	2018-19	2015A7PS0103G	Lav Vijayvargiya	First	Yes	PPO-(PS II)
Goa	2018-19	2014B3A40442G	Dhiraj Jalan	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A1PS0643G	Ayush Mittal	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0268G	Vibhute Akshay Sanjay	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0397G	Alen Babu	Second	Yes	On-Campus
Goa	2018-19	2014B5A80900G	Archa R I	Second	Yes	On-Campus
Goa	2018-19	2014A3PS0257G	Harshit Garg	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A8PS0422G	Pravar Mandloi	Second	Yes	PPO-(PS II)
Goa	2018-19	2017H1400095G	Vivek	First	Yes	PPO-(PS II)
Goa	2018-19	2014B4A70516G	Shubham Agarwal	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B4A70608G	Aman Chhajed	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B5A70566G	Vishal Agrawal	First	Yes	On-Campus
Goa	2018-19	2015A7PS0023G	Samarth Mittal	First	Yes	On-Campus
Goa	2018-19	2015A7PS0024G	Dhruv Bharkumar Jogi	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A7PS0034G	Shrehal Bohra	First	Yes	On-Campus
Goa	2018-19	2015A7PS0121G	Bhagwat Swaroop Sanjay	First	Yes	PPO-(PS II)
Goa	2018-19	2014B2A30960G	Varanya Prakash	Second	Yes	Off-Campus
Goa	2018-19	2014B5A30459G	Sagar Bildani	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B1A30945G	Arjun Nair	Second	Yes	Off-Campus
Goa	2018-19	2015A8PS0446G	Sanivarapu Sarath Chandra Reddy	First	Yes	Off-Campus
Goa	2018-19	2015A7PS0003G	Wazeer Deen Zulfikar	First	Yes	Off-Campus
Goa	2018-19	2015A1PS0722G	Shreyas Gupta	First	Yes	On-Campus
Goa	2018-19	2015A3PS0141G	Mantri Karan Pravin	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0260G	Mandeep Singh	First	Yes	On-Campus
Goa	2018-19	2014B3A70926G	Anshul Sharma	First	Yes	On-Campus
Goa	2018-19	2014B4A70483G	Naman Agarwal	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B4A70614G	Niranjan Jayaraman	Second	Yes	On-Campus

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Goa	2018-19	2014B4A70615G	Saurabh Vijayvargia	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B4A70804G	Pednekar Samruddhi Suresh	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0011G	Kunal Dewan	First	Yes	On-Campus
Goa	2018-19	2015A7PS0019G	Pratik Madhav Joshi	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0029G	Gautam Manjanath Naik	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0052G	Pungaliya Yash Vikram	First	Yes	On-Campus
Goa	2018-19	2015A7PS0058G	Pooja Consul	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0120G	Faria Craig Baldwin Joseph	First	Yes	On-Campus
Goa	2018-19	2015A8PS0467G	Sumeet Kumar Gupta	First	Yes	On-Campus
Goa	2018-19	2017H1030036G	Anand Vijayan	First	Yes	On-Campus
Goa	2018-19	2017H1400083G	Himanshi Sharma	First	Yes	On-Campus
Goa	2018-19	2014A4PS0336G	Vishnu Suresh Nair	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0261G	Soumya Sharma	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0237G	Aditya Bhatia	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B4A70604G	Ranajoy Roy	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A8PS0309G	Kapil Hasmukh Tank	First	Yes	PPO-(PS II)
Goa	2018-19	2014B1A30943G	Rahul Bhateja	First	Yes	On-Campus
Goa	2018-19	2014B5A30669G	Madhur Dodeja	First	Yes	On-Campus
Goa	2018-19	2015A3PS0248G	Amritesh Kumar	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B2A70881G	Akash Gupta	First	Yes	On-Campus
Goa	2018-19	2014B4A70632G	Abhinand Gopal	First	Yes	On-Campus
Goa	2018-19	2015A7PS0080G	Rahul Parashar	First	Yes	On-Campus
Goa	2018-19	2015A8PS0417G	Aniket Ashok Tikalkar	First	Yes	On-Campus
Goa	2018-19	2017H1030038G	Nav Nidhi Pal	First	Yes	PPO-(PS II)
Goa	2018-19	2015A3PS0129G	Karan Attri	Second	Yes	On-Campus
Goa	2018-19	2014B5A80610G	Bommu Naga Sai	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0448G	M R Deepak	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0142G	Nikhil Garg	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A7PS0022G	Utkarsh Maheshwari	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0634G	Sanchit Saxena	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0640G	Prajwal Rastogi	First	Yes	On-Campus
Goa	2018-19	2017H1010019G	Waghmare Mitali Arun	First	Yes	On-Campus
Goa	2018-19	2015A3PS0158G	Shubham Kumar	Second	Yes	On-Campus
Goa	2018-19	2014B5A40543G	Vaibhav Gupta	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0262G	A V Yogesh Rao	First	Yes	On-Campus
Goa	2018-19	2017H1030039G	Ajay Kumar K	First	Yes	On-Campus
Goa	2018-19	2017H1030047G	Swaraj K R	First	Yes	On-Campus
Goa	2018-19	2015A3PS0160G	Vaibhav Malani	First	Yes	On-Campus
Goa	2018-19	2015A8PS0421G	Sachin Kashyap	First	Yes	On-Campus
Goa	2018-19	2017H1230068G	Bnvv Vinay Deepesh	First	Yes	On-Campus
Goa	2018-19	2017H1230071G	Abhishek	First	Yes	On-Campus
Goa	2018-19	2017H1230073G	Anisha Nayak	First	Yes	On-Campus
Goa	2018-19	2017H1400082G	Rosali Patro	First	Yes	On-Campus
Goa	2018-19	2017H1400084G	Gourab Paul	First	Yes	On-Campus
Goa	2018-19	2014B4A10567G	Harshit Ajmani	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A3PS0182G	Adarsh R	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0392G	Vishal Asnani	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0475G	Patil Siddhant Vitthal	Second	Yes	On-Campus
Goa	2018-19	2014B3A70412G	Akhilesh Ram	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A70621G	Saurabh Shekher	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B5A70910G	Vadaga Ananyo Rao	Second	Yes	PPO-(PS II)



Campus (Pilani/Goa/ Hyderabad/ Dubai)	Year (eg 2015- 16)	ID No	Name	Semester (First/Sec ond)	Placed (Yes/ No)	Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))
Goa	2018-19	2017H1410058G	Deeksha Mishra	First	Yes	On-Campus
Goa	2018-19	2017H1410059G	Vikram Kumar	First	Yes	On-Campus
Goa	2018-19	2015A1PS0516G	Jay Harshad Parmar	First	Yes	On-Campus
Goa	2018-19	2015A1PS0562G	Rudra Singh Rathore	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0265G	Pranav Bhogireddi	First	Yes	On-Campus
Goa	2018-19	2015A4PS0151G	S Sai Gireesh	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0472G	Naik Shubham Mohan	First	Yes	On-Campus
Goa	2018-19	2014B3A70495G	Gyanesh Malhotra	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0028G	Vedang Anand Waradpande	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0106G	Akash Sachan	Second	Yes	On-Campus
Goa	2018-19	2014B2A80964G	Mehul Kaushik	Second	Yes	On-Campus
Goa	2018-19	2014A3PS0066G	Shantanu Seth	Second	Yes	On-Campus
Goa	2018-19	2014B4A30619G	Shashank Manoj Saxena	Second	Yes	On-Campus
Goa	2018-19	2014B4A40307G	Anirudh Nanwal	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0047G	Soni Dhruvin Rupesh	Second	Yes	On-Campus
Goa	2018-19	2014B4A80478G	Shenoy Siddharth Pandurang	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B5A80693G	Sri Sai Kondraju	Second	Yes	On-Campus
Goa	2018-19	2014B4PS0683G	Aviral Jain	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0663G	Ammar Alvi	First	Yes	On-Campus
Goa	2018-19	2015A1PS0667G	Ritu Sharma	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0728G	Rishabh Sharma	First	Yes	On-Campus
Goa	2018-19	2015A1PS0735G	Tanishq Sharma	First	Yes	On-Campus
Goa	2018-19	2015A4PS0329G	Shukla Shilpan Abhijit	First	Yes	On-Campus
Goa	2018-19	2015A4PS0384G	M Kaushik Reddy	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0431G	Khandelwal Mayank Nagesh	First	Yes	On-Campus
Goa	2018-19	2014B1A70868G	Aditya Agarwal	First	Yes	On-Campus
Goa	2018-19	2017H1290005G	Rajarshi Bhowal	First	Yes	On-Campus
Goa	2018-19	2013A8PS0324G	Sagar Sanjay Dube	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A3PS0256G	Saumya Raj	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A3PS0297G	Ajeet Singh Nathawat	First	Yes	PPO-(PS II)
Goa	2018-19	2015A8PS0454G	Manu Priyadarshi	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B2A40890G	Dandime Aneesh	First	Yes	On-Campus
Goa	2018-19	2015A7PS0038G	Shanay Sunilbhai Shah	First	Yes	On-Campus
Goa	2018-19	2015A7PS0113G	Sarthak Jain	First	Yes	On-Campus
Goa	2018-19	2015A7PS0118G	Yasif Khan	First	Yes	PPO-(PS II)
Goa	2018-19	2014B2A80905G	Saurav Raj	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0493G	Nallana Sivadeep	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0652G	Anto Frederic H	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0222G	Varun Gupta	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0271G	Chinmay Agarwal	Second	Yes	On-Campus
Goa	2018-19	2014B3A40548G	Akshat Srivastava	Second	Yes	On-Campus
Goa	2018-19	2014B4A40559G	Anmol Khandelwal	Second	Yes	On-Campus
Goa	2018-19	2014B3A80800G	Ganisha Bhawsar	Second	Yes	On-Campus
Goa	2018-19	2014B1A40864G	Aman Garg	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0315G	Shreyas Anil Barapatre	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0007G	Potnuru Pavan Teja	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0027G	Ayush Upadhyaya	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0031G	Yeshwanth Reddy Beeram	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0111G	Tejas Bhatia	Second	Yes	On-Campus

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Goa	2018-19	2015A8PS0429G	Mayank Gupta	Second	Yes	On-Campus
Goa	2018-19	2014B2A30958G	Atish Kumar Sinha	Second	Yes	On-Campus
Goa	2018-19	2014B3A70646G	Snimarpal Singh	Second	Yes	On-Campus
Goa	2018-19	2014B3A30529G	Khasnis Abhijeet Hanamantrao	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A30799G	Mansi Swami	Second	Yes	PPO-(PS II)
Goa	2018-19	2017H1290007G	Saranya S	First	Yes	On-Campus
Goa	2018-19	2014B2A10947G	Geethanjali Krishnakumar	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A1PS0657G	Yash Sachdev	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A1PS0710G	Pranavpriya Dubey	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A7PS0099G	Shubhank Maheshwari	First	Yes	PPO-(PS II)
Goa	2018-19	2014B2A80865G	Sanskriti Sinha	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A4PS0249G	Smit Himanshu Shah	First	Yes	On-Campus
Goa	2018-19	2015A7PS0087G	Advait Jayant Khobragade	First	Yes	On-Campus
Goa	2018-19	2015A8PS0443G	Ankur Sharma	First	Yes	On-Campus
Goa	2018-19	2015A3PS0242G	Prasad Chiranjeev Chandak	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0246G	Shelly Kothari	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0288G	Abhinav Singh	Second	Yes	On-Campus
Goa	2018-19	2014B4A80911G	Siddharth Somani	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0436G	Manan Vaya	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0484G	Abhinav Singh Chauhan	Second	Yes	On-Campus
Goa	2018-19	2017H1410049G	Chetan Kushwaha	First	Yes	On-Campus
Goa	2018-19	2017H1410054G	Daniel Mathews Vazhakkunnath	First	Yes	On-Campus
Goa	2018-19	2014B3A10553G	Arpit Mathur	Second	Yes	On-Campus
Goa	2018-19	2014B3A10656G	Devesh Rawat	Second	Yes	On-Campus
Goa	2018-19	2014B5A10898G	Bhandarkar Mayank Surendra	First	Yes	On-Campus
Goa	2018-19	2015A1PS0659G	Shivam Monga	Second	Yes	On-Campus
Goa	2018-19	2015A1PS0700G	Ajay Gogineni	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0376G	Sharma Abhishek Sunil	Second	Yes	On-Campus
Goa	2018-19	2014A7PS0092G	Edurinti Rana Prathap Reddy	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0368G	Sarthak Agarwal	First	Yes	On-Campus
Goa	2018-19	2017H1400093G	Mayank Sikerwar	First	Yes	PPO-(PS II)
Goa	2018-19	2014B4A30575G	Soni Saloni	First	Yes	On-Campus
Goa	2018-19	2015A3PS0190G	Akriti Anand	First	Yes	On-Campus
Goa	2018-19	2015A7PS0091G	Kushal S Karmani	First	Yes	On-Campus
Goa	2018-19	2015A7PS0105G	Ria Arora	First	Yes	On-Campus
Goa	2018-19	2014B5A80631G	Abhijeet Onkar Thakre	Second	Yes	Off-Campus
Goa	2018-19	2015A3PS0174G	Preetham N Reddy	First	Yes	On-Campus
Goa	2018-19	2015A3PS0270G	Sanjay Gupta	First	Yes	On-Campus
Goa	2018-19	2015A8PS0393G	Pawar Gaurav Ganesh	First	Yes	On-Campus
Goa	2018-19	2015A8PS0427G	Somanshu Mishra	First	Yes	On-Campus
Goa	2018-19	2015A8PS0504G	Anuvrat Srivastava	First	Yes	On-Campus
Goa	2018-19	2015A8PS0510G	Rutvik Shailendra Fadnavis	First	Yes	On-Campus
Goa	2018-19	2015A1PS0732G	Swapnil Pramod Kumar	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2014B3A10572G	Pranshu Sharma	Second	Yes	On-Campus

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Goa	2018-19	2014B3A30645G	Rijul Arora	Second	Yes	On-Campus
Goa	2018-19	2013B1A10916G	Sandeep Venkata Kollipara	Second	No	NA
Goa	2018-19	2013B2A10851G	Ajinkya Bhushan Deshmukh	Second	No	NA
Goa	2018-19	2014B5A30602G	Aritra Chowdhury	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A4PS0139G	Afrid Sheikh	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0334G	Aman Manoj Thakkar	Second	Yes	On-Campus
Goa	2018-19	2014B5A80573G	Aashima Rathore	Second	Yes	PPO-(PS II)
Goa	2018-19	2015A8PS0480G	Shivani Neema	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0495G	Paranjape Anshuman Mrugank	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0501G	Pranay Karnawat	Second	Yes	PPO-(PS II)
Goa	2018-19	2014A1PS0830G	Vankayala Nagendra Babu	Second	No	NA
Goa	2018-19	2014B2A10788G	Chitaluri Krishna Rohit	Second	No	NA
Goa	2018-19	2015A1PS0651G	Somnath Sandeep Polam Reddy	Second	No	NA
Goa	2018-19	2015A1PS0664G	Aditya Jain	First	No	NA
Goa	2018-19	2015A1PS0688G	Balusu Susritha	First	No	NA
Goa	2018-19	2015A1PS0702G	Anmol Chopra	First	No	NA
Goa	2018-19	2014B4A30406G	Anish Kumar	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0078G	Sourabh Majumdar	Second	Yes	On-Campus
Goa	2018-19	2017H1400086G	Kandarp Gupta	First	Yes	On-Campus
Goa	2018-19	2014B2A30713G	Ayushi Soni	Second	No	NA
Goa	2018-19	2015A3PS0240G	Ayush Sharma	Second	No	NA
Goa	2018-19	2014A4TS0359G	Ghanshyam Tripathi	Second	No	NA
Goa	2018-19	2014B1A40860G	Bhavya Gujral	Second	No	NA
Goa	2018-19	2014B3A40551G	Sanket Yadav Patil	Second	No	NA
Goa	2018-19	2014B3A70938G	Shivam Agarwal	First	Yes	On-Campus
Goa	2018-19	2014B5A70807G	Shubham Pradhan	First	Yes	On-Campus
Goa	2018-19	2015A7PS0015G	Rinal P	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A7PS0076G	Kunal Gopal Rijhwani	First	Yes	On-Campus
Goa	2018-19	2015A7PS0815G	Abhinav Garg	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A4PS0136G	Bharath P S	Second	No	NA
Goa	2018-19	2015A4PS0239G	Pratik Praveen Ponnarassery	Second	No	NA
Goa	2018-19	2015A4PS0264G	Arpit Pradhan	Second	No	NA
Goa	2018-19	2015A4PS0298G	Vivek Arya	Second	No	NA
Goa	2018-19	2015A8PS0473G	Aman Kumar Goswami	Second	No	NA
Goa	2018-19	2014B3A70963G	Mahesh Bharat Hada	First	Yes	On-Campus
Goa	2018-19	2015A8PS0419G	Deshpande Gandhar Makarand	First	Yes	On-Campus
Goa	2018-19	2015A8PS0487G	Robert Baggio	Second	No	NA
Goa	2018-19	2015A3PS0296G	Nubra Jarial	Second	Yes	On-Campus
Goa	2018-19	2014B4A40555G	Rathi Shubham Pawan	Second	Yes	On-Campus
Goa	2018-19	2015A7PS0115G	Rohit Kaushik	Second	Yes	On-Campus
Goa	2018-19	2017H1010020G	Pooja Paul Chowdhury	First	No	NA
Goa	2018-19	2017H1010021G	Shree Sharan M	First	No	NA
Goa	2018-19	2014B5A80587G	Geethkrishna R	Second	Yes	PPO-(PS II)
Goa	2018-19	2014B3A10368G	Prabhat Chalmeti	Second	Yes	PPO-(PS II)

<b>Campus (Pilani/Goa/ Hyderabad/ Dubai)</b>	<b>Year (eg 2015- 16)</b>	<b>ID No</b>	<b>Name</b>	<b>Semester (First/Sec ond)</b>	<b>Placed (Yes/ No)</b>	<b>Mode of Offer (On- campus/Off- campus/PPO (PS2)/PPO(Sum mer Internship))</b>
Goa	2018-19	2015A1PS0575G	Singh Apeksha Anjani Kumar	Second	Yes	On-Campus
Goa	2018-19	2014B3A40581G	Anchit Ahuja	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0236G	Divij Sinha	Second	Yes	On-Campus
Goa	2018-19	2015A3PS0287G	Aarsh Kumar Thakur	First	Yes	PPO-(PS II)
Goa	2018-19	2014B3A80492G	Madhur Garg	Second	Yes	PPO-(PS II)
Goa	2018-19	2017H1410062G	Adheenthran P	First	Yes	On-Campus
Goa	2018-19	2015A3PS0217G	Abhishek Khare	Second	Yes	PPO- (Summer Internship)
Goa	2018-19	2015A8PS0243G	Yalaj Goyal	First	Yes	On-Campus
Goa	2018-19	2015A8PS0459G	Arpit Jain	First	Yes	PPO- (Summer Internship)
Goa	2018-19	2017H1030033G	Vivek Kumar	First	Yes	On-Campus
Goa	2018-19	2017H1230066G	Nishant Ranjan	First	Yes	On-Campus
Goa	2018-19	2017H1230067G	Karadkhedkar Siddhi Mukund	First	Yes	On-Campus
Goa	2018-19	2017H1230076G	Ayushi Bapna	First	Yes	On-Campus
Goa	2018-19	2017H1400085G	Shweta Narayan Shetty	First	Yes	On-Campus
Goa	2018-19	2017H1230079G	Bhaskar Khandelwal	First	No	NA
Goa	2018-19	2017H1290008G	Soniya Sanjay Shende	First	No	NA
Goa	2018-19	2017H1290009G	Vanshika Saxena	First	No	NA
Goa	2018-19	2015A3PS0282G	Parab Nachiket Subhash	First	Yes	PPO-(PS II)
Goa	2018-19	2014A8PS0463G	Abhinav Taneja	Second	Yes	Off-Campus
Goa	2018-19	2014B4A30637G	Vankani Deep Jayesh	Second	Yes	Off-Campus
Goa	2018-19	2015A3PS0130G	Samudra Chinmay Shantanu	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0524G	Virat Agarwal	First	Yes	Off-Campus
Goa	2018-19	2014B1A30858G	Tushar Joel Cornelius	First	Yes	On-Campus
Goa	2018-19	2014B4A70894G	Siddhanti Akhilesh Anil	First	Yes	On-Campus
Goa	2018-19	2015A7PS0002G	Patel Jaishil Rajendrabhai	First	Yes	On-Campus
Goa	2018-19	2015A1PS0619G	Kaustubh Dusad	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0205G	Meet Mayur Modi	First	Yes	On-Campus
Goa	2018-19	2015A4PS0230G	Desai Ashutosh Milind	Second	Yes	On-Campus
Goa	2018-19	2015A4PS0340G	Archit Mundra	Second	Yes	On-Campus
Goa	2018-19	2015A8PS0441G	Akshat Budania	First	Yes	On-Campus
Goa	2018-19	2017H1290010G	Aanchal Verma	First	No	NA
Goa	2018-19	2017H1290012G	Prachi Baliram Ulmale	First	No	NA
Goa	2018-19	2017H1290013G	Dsouza Joel Alwyn	First	No	NA
Goa	2018-19	2017H1290015G	Nair Bhavya Murali	First	No	NA
Goa	2018-19	2017H1410064G	Abhijeet Annaso Tikode	First	No	NA

**B) Details of gender sensitization programme**

**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 2<sup>nd</sup> October, 2017 at 10:20 am in the Auditorium G-07.
4. For Faculty and Staff Members a workshop was organized on 3<sup>rd</sup> 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 9<sup>th</sup> 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 Student participation in sports games and other events

Achievements at state / National / University / International

#### For Pilani Campus

No. of students Participated in NSS events:

17

University level

709

State level

- 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.

## Startup Initiatives in the year 2018-19

Startup Name	Founder/Co-Founders	Description of Work
<b>2018</b>		
Turtle learn	Neil Sarkar	Turtle Learn provides a single integrated platform online where students from across the country can log on, study their respective course for competitions using the study material provided absolutely free of cost to provide equal opportunity to all students.
helloVoIRd	Dhawal Jain	helloVoIRd is the leading 3D visualization platform in India. Working with over 70 Interior Designers and Architects, it provides 3D visual and Interactive Virtual Reality tour services worldwide. Founded in 2018, helloVoIRd also publishes latest design news, visuals, interior designing and architecture tips along with resources for Unreal Archviz.
Pepper	Anirudh Singla	End-to-end content creation services that help you execute your content marketing strategy by driving traffic to your site. Blogs, Website content, product description, research based articles
Gnomikx	Surbhit Johri	Use Genetics to know what diseases might affect you in the future, Adopt a healthy lifestyle based on your genes.
Aiken	Rishank Pandey	Aiken offers an enterprise-tech product called Kaya, an AI-based meeting assistant. By equipping SMEs with a completely software-based solution to manage and efficiently conduct their day to day meetings, Aiken aims to address the problem of inefficient processes at workplace
<b>2019</b>		
SafeMap	Rachit Agarwal, Lavish Saluja	Identifying the Safest Route through integration with G Maps
Elixar	Ahmad Faraaz, Harshad Awasthi, Sashakt Tripathi	an Augmented Reality software startup. Specialized in providing experimental educational content.
Neoncube	Bhomendra Rathore, Deepanshu Kumar	Local Marketing using integrated technology tools to encourage SME's to boost their visibility and brand
Nawgati	Vaibhav Kaushik	Deep Learning and Machine Learning based app to estimate reduce the Queue length and waiting times in CNG stations
Spyra	Prakhar Mishra, Abhishek Kumar	A single platform that addresses all the competitive exams related needs of students by building an open community.
Bitespeed	Vinayak Aggarwal, Siddharth Barpanda	BiteSpeed's Facebook Messenger Chatbot Builder helps ecommerce brands recover lost revenue from website visitors through their own Facebook Messenger Chatbots.
UNIC	Nisarg Vora	providing each and every local store a platform to create their own private and personalized online stores and thus enable them to increase their customer reach. Stores can list all products available in the retail shop online.
Dyne	Yuvraj Abhishek	Online portal integrating fitness centres through quality control and customer access

HYR	Aadesh Mantri	Hyr is a freelancing platform aiming to improve freelancing culture in India by connecting potential employers and independent professionals to work remotely.
Mera Udyog	Akarsh Shroff	a social entrepreneurial startup which aims to provide business consultancy and mentorship to small businessmen (vyapaaris).
Organically	Harsh Agarwal	Biopesticides - alternative to chemical pesticides



### 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 (ICIC)
- 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.

## **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:

<b>Budget for Consulting Projects</b>		
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.

## Activities and Support from Alumni Relations

### BITS Pilani Alumni Relations Division – Activities for Engagement and Connect

#### 1. Expansion of Alumni Relations Division:

- To strengthen the activities of the Division, one Associate Dean in three Indian campuses and one Faculty In-charge in Dubai campus has been appointment.
- Hiring of a Database Manager and Communication & Event Manager who are presently stationed in Pilani Campus
- Bringing on board a Professional for various fundraising campaigns.
- Constitution of Alumni Relations Cell in each of the campus comprising of core team of 10-12 students to support the activities of Alumni Relations Division.

#### 2. Alumni Database Management:

- After numerous discussions, AlmaConnect was shortlisted and procured as active software for managing alumni database.
- An agreement has been signed between Alma Connect solutions Pvt. Limited and BITS Pilani to build/manage and update database in an organized way to get regularly connected with our esteem alumni.
- Efforts to increase registration on AlmaConnect were taken through various strategies.
- To date, BITSian registration crosses over 23,000 out of the 40,000 alumni data updated on AlmaConnect.
- A number of BITSian's success stories are being published regularly on AlmaConnect.
- AlmaConnect has now been extensively used as an interactive platform for the BITSians for sharing job opportunities, seeking carrier opinions, posting alumni related news etc. It is proposed to activate a mentoring platform on AlmaConnect soon.

#### 3. Alumni Related On-Campus events:

- BITS Pilani, Dubai Campus has taken the initiative to get the alumni together for funding some research activities on campus. The BITS Innovation Competition was announced with the support from Mr. M.P. Sharma (TechnoMart), Mr. Kesar Kothari (Elfit Arabia), Mr. Ashok Galgotia (Triveni Builders), Ms. Sandhya Prakash (Beacon Consultancy). Dubai Campus sent out a call to the students inviting proposals based on their innovative ideas in engineering or business. The competition is being initiated from April 15, 2019 onwards and two rounds of elimination have now resulted in 30 teams of students competing for the final rounds. Teams are expected to present their prototypes in October.
- The Indian Air Force (IAF) on April 06, 2019 demonstrated its Induction Publicity Exhibition Vehicle (IPEV) at BITS Pilani, Pilani campus on the occasion of 1st BITS Defence Officers' Reunion. As a part of the exhibition, the IAF brought a modified bus to the campus with a flight simulator of IAF's cargo and fighter aircraft. In addition to the simulators, scale models of crewless aerial vehicles (UAV), Mirage 2000, MiG 29, Rafale and a gravity suit were also on display.
- Mr. Lalit Jain, a BITS Pilani alumnus conducted a workshop on Project Management Techniques on March 23, 2019 in BITS Pilani, Dubai Campus. The workshop revolved around the basics of project management and going up to details on the planning and execution of the projects. The workshop was extended to all the campuses and it was a pleasure to have good participation from all the campuses.
- BITS Pilani, Dubai Campus organized a research showcasing evening for the alumni on December 19, 2018. Approximately 14 student teams showcased their prototypes to the alumni and got positive feedback from them for the same. A few of the alumni also committed on providing sponsorship towards the advanced prototype development. Ms. Sandhya Prakash, Mr. Ashok Galgotia, Mr. Nitin Bhalla, Mr., Surya C are some of the names to mention.

- Eight Distinguished Alumni Awards (DAA) were announced for the 2018 in the area of Academia and Research, Entrepreneurships and Corporate Leadership. The winners received the awards at different convocations in the four BITS Campuses.
- A new state-of-the-art “Electrical Machines Laboratory” was inaugurated at BITS Pilani, Pilani Campus on November 15, 2018. This lab was funded completely by a BITS alumnus Shri Kishore Kumar Gupta. (1970 batch) with the donation of Rs 1 Crore. An interactive session with K. K. Gupta modulated by his friend Mr. Vijay Rao was conducted in the evening.
- Director’s parties for the Graduating Class of 2019 were organized in the month of November 2018 & May 2019 in all the four campuses.
- Dr. Anand S. Rao, a distinguished alumnus visited Pilani campus on December 10, 2018, and delivered a lecture on wide ranging emerging applications of artificial intelligence in different fields.
- Four young alumni working in the technology companies led a panel discussion on “Life in a Technology Firm” in BITS Pilani, Pilani campus on March 26, 2019. Goutham Harsha (Apple), Vishwesh Srimali (Big Vision LLC), Varun Kumar Kadambala (Quantiphi), and Hardik Malhotra (JP Morgan) formed the panel.
- An interactive panel discussion on “Life in a Consulting Firm” was organized on November 03, 2018, in Pilani Campus, which provided an insight of what it takes to get into, survive and move upwards in large consulting firms. The panel consists of Mr. Rohan Passey, Senior Associate at BCG, Mr. Gaurav Jha: Consultant at Deloitte Consulting, Mr. Nishant Mishra: Senior Associate at BCG and Mr. Sanchit Aggarwal: Consultant at PwC.
- Mr. Vikram Bharghava, an alumnus of the year 1968 of BITS Pilani, Pilani Campus released his book entitled “Robust Plastic Product Design: A Holistic Approach” on November 13, 2018 in Pilani Campus Library.
- Mr. Sanjay Thirumalai, a 1991 batch BITS alumnus, delivered a talk on “Future-proofing yourself in an era of smart machines” on January 18, 2019 in BITS Pilani, Pilani Campus.
- Metanoia, the annual alumni summit of BITS Pilani, K. K. Birla Goa Campus was organized on September 05, 2018, where seven eminent alumni namely, Surabhi Dewara, Jatin Adlakha, Mani Shankar, Sameer Qayoom, Chintan Zalani, Shruthi Vishwanath and Prithviraj Chavan shared their views.
- The first ever Alumni Research Talks (ART) were conducted on January 12, 2019 in BITS Pilani, K. K. Birla Goa Campus, comprising of interactive sessions by five eminent alumni of BITS Pilani, who shared their stories of success, and delved a bit into their research interests, and how they could affect the future as we know it. The speakers include Umesh Garg (Nuclear Physicist, University of Notre Dame, USA), Dr. Surendra Pal (Program Director, ISRO, Bangalore), Prof. Sharmila C. Chatterjee (Professor of Marketing, MIT, USA), Mr. Sanjay Padode (Secretary, Centre of Developmental Education, IFIM Institutions, Bangalore) and Prof. Govindan Rangarajan (Professor of Mathematics, IISc, Bangalore).
- Mr. Anmol Panda, an alumnus of BITS Pilani, K. K. Birla Goa Campus delivered an interesting talk on Microsoft Research Program on January 18, 2019.
- The first ever BITS2Startup event was organized in BITS Pilani, K. K. Birla Goa Campus on the January 22, 2019, wherein three alumni, namely Mr. Dheeraj Bhaskar, Co-founder and CEO of The Other Side of the Wall, Mr. Bala Kamallakharan, founder of Startup Iceland and Mr. Piyush Kumar, founder and CTO of IgnisNova Robotics, alumni namely of our alumni, who have ventured into the world of start-ups and are excelling with their great ideas, shared their experiences on how to lay the foundation of a successful startup and tackle the difficulties on the way.
- The BIT2CivilServices talk was organized in BITS Pilani, K. K. Birla Goa Campus on February 05, 2019 to provide an opportunity to students to learn the idiosyncrasies of cracking the UPSC from their alumni, Mr Ashutosh Garg, IAS, Special Secretary, CEO, Himurja, UP, Mr. Anmol Sher Singh Bedi, IFS, Language Trainee at the Indian Embassy in Beijing and Mr. Kshitij Singhal, IAS, CEO, Zila Panchayat, Betul district, MP.

- The much awaited and anticipated third edition of Cat champs was hosted in BITS Pilani, K. K. Birla Goa Campus on February 12, 2019. The panel consisted of three outstanding BITSians - Kshitij Gangal , Anshuman Paranjape and Divij Sinha who have cracked the CAT exam with remarkable percentile.
- A panel discussion comprising of Mr. Apurv Chaturvedi, an ex-investment banking analyst at JP Morgan, currently an MBA candidate at HEC Paris, Mr. Saurabh Sachdeva, a London Business School graduate Saurabh, currently a Manager at AT Kearney and Mr. Sandeep Murishetty, an IIM Ahmedabad graduate, currently working as a Strategy Consultant at Deloitte India was conducted in BITS Pilani, K. K. Birla Goa Campus to shed light on the pre-requisites of a MBA candidate and on how to build one's profile.
- Mr. Anupam Maurya, a BITS Pilani alumnus, who made it to the top 20 in 'wedding photographers in India and mastered the art of telling stories through their images' category of Sony Better Photography of the year 2018-2019 shared his inspiring story from an engineering graduate to a wedding photographer on March 18, 2019 in BITS Pilani, K. K. Birla Goa Campus.

#### 4. **Alumni Reconnect:**

- 25 serving and retired alumni from the defence services visited BITS Pilani for the 1st BITS Defence Officers' Reunion during 5-7 April, 2019. The two-day event saw alumni across batches renewing friendships and reliving their time on the campus, alongside conversations, interactions, and entertainment. An initiative to connect faculty members for research in defence applications is being pursued with the support of veteran Defence officers.
- Around 220 alumni (with families) gathered in BITS Pilani, Pilani campus to celebrate the Ruby reunion of 1978 batch during November 16-18, 2018. The three-day reunion celebration witnessed a series of events, including a grand musical evening by Juju Productions, titled: The Desert Storm in the BITS Auditorium that showcased multitude of colors for the occasion, with Lights & Camera by Yashraj Films.
- Around 180+ alumni of 1989-93 batch arrived BITS Pilani, Pilani Campus to celebrate their reunion during November 23-25, 2018.
- Around 200 alumni arrived BITS Pilani, Pilani Campus to celebrate the Silver Jubilee reunion of 1993-98 batch during December 22-24, 2018.
- Around 150+ alumni arrived BITS Pilani, Pilani Campus to celebrate the Ruby graduation meet of 1974-79 batch during February 23-25, 2019.
- A meeting with alumni team of Munich was organized where in 10 alums joined, discussions on institutional strategic thrust on alumni connect and institutional growth plans were shared.
- BITS Alumni Relations hosted the first Alumni Meet in BITS Dubai Campus on 8<sup>th</sup> December, 2018 that was inaugurated by the Vice Chancellor. It was attended by members of the BITSAA Middle East, Dean - Alumni Relations and Director – BPDC.
- BITS Pilani, Hyderabad Campus organized the first alumni meet of the first two batches of Hyderabad campus (2008 & 2009) on January 12, 2019 in BITS Pilani, Hyderabad Campus.
- Vice Chancellor, Director Pilani Campus and Dean Alumni Relations had a full-day interaction with the Delhi NCR Chapter core alumni team at Pilani on Sunday, October 7, 2018 to launch a fundraising campaign for an Alumni Convention Centre at Pilani Campus. This is a follow-up of the meeting held in Delhi in the previous week. VC presented to the Alumni Team the five thrust areas of strategic plan of the institute including the work streams for implementation of the same.
- Vice Chancellor addressed a group of 400+ eminent alumni in the Bay area in the inaugural session of the 3rd edition of BITSync held on October 13-14, 2018.
- BITSAA Chennai Chapter had their annual meet on January 05, 2019 at Hotel Ambassador Pallava, Egmore, Chennai. Prof. Souvik Bhattacharyya, Vice Chancellor, BITS Pilani and Prof. Arya Kumar, Dean, Alumni Relations, BITS Pilani attended and shared the developments occurred across the Institute's four campuses, and the strategic thrust that has been given to alumni connect for the growth of the institute in the coming years.
- BITSAA Hyderabad Chapter organized their annual alumni dinner event on March 02, 2019 at Paryatak Bhavan, Begumpet. This year, the event was attended by Prof. Souvik Bhattacharyya, Vice Chancellor, BITS Pilani and Prof. Arya Kumar, Dean, Alumni Affairs

who shared their thoughts about the institute growth plans and distinct thrust and initiatives about the engagement with the alumni.

#### 5. Scholarships/Donations/Awards by Alumni:

- BITS Pilani, Hyderabad campus has taken an initiative to strengthen the relationship with BITSAA Hyderabad Chapter. As a result, Rs. 1 Lakh was awarded from BITSAA Hyderabad Chapter to support one student for travel and accommodation for a summer intern-ship abroad from BITS, Hyderabad campus.
- BITS 1988 batch which celebrated its silver jubilee reunion last year announced a substantial ~ ₹ 1.5 crore (~\$200,000) gift to BITS-Pilani Campus that will support multiple student scholarships across disciplines. The 'Spirit of BITS1988 Scholarship', which is expected to yield ~10 lakhs annually will be directed towards enhancing student success at the Pilani campus, by awarding scholarships under 25% MCN category. Under this category, four students (2 male+2 female) have received 25% MCN scholarship for Sem. I 2018-19.
- BITSian day had launched a campaign for joy of giving towards MCN scholarships on August 03, 2018 across the globe. A humble contributions of Rs 1.92 lakhs through Indian donors and \$13400 through International was received by BITSAA International. Of these, two students (Pilani Campus) have received 25% MCN scholarship for Sem. II 2017-18 and Sem. I 2018-19, respectively.
- Mr. Prashant Palakurthi (1978 batch) and Mrs. Anuradha Palakurthi took a pledge for donating 1 million USD for research initiatives to the institute.
- 1989-93 Alumni batch announced to set a collective target of 120,000 USD towards promoting active alumni engagement and contribute back to their alma mater. Of this, ~Rs 26.40 lakhs have been received by BITS Pilani.
- Prof. S Venkateswaran Faculty Excellence Award instituted by the generosity of BITS alumnus Mr. Karthik Krishna (1993 batch) in the name of Prof. S. Venkateswaran, former Director & Vice Chancellor, BITS Pilani has been awarded to Prof. Anil Kumar, Professor, Department of Chemistry of Pilani Campus for the academic year 2017-18 that included a cash prize of one lakh rupees.
- Prof. S S Ranganathan best teacher award instituted by a few key alumni was awarded to Prof Biju K Raveendran, Department of Computer Science, BITS Pilani, Goa Campus that included a cash prize of one lakh rupees.
- The batch of 1993, celebrating 25 years of their entry to BITS Pilani, have set themselves a target of contributing \$333031 to their beloved alma mater. The funds thus generated, would be used for high priority needs of BITS Pilani after a collective decision by the Batch. Of this, ~Rs 20.89 lakhs have been received by BITS Pilani, Pilani Campus.
- Dr. Satish Goel, alumnus of BITS Pilani has created an endowment (with a corpus of INR 21 lakhs) for funding fellowship to a research scholar pursuing Ph.D programme at BITS Pilani, Pilani Campus. This endowment has been created in recognition and honor of Dr. Satish Goel's parents, Shri Omprakash Goel & Smt. Kamla Goel and grandfather, Shri Ramkishan Goel. The intent of this endowment is to provide 50% fellowship to a PhD candidate pursuing research work in the area of Chemical Engineering or Chemistry or Computer Science. The fellowship is to be awarded from August 2019 onwards.
- CMS computers Limited has created two scholarships for the first year students in recognition and in honor of Late Shri R. D. Grover, a 1968 batch alumnus from BITS Pilani, Pilani Campus. The intent of the scholarship is to provide opportunities for the needy students that are qualified to get admitted in BITS but might not be able to enroll due to personal financial constraints. As per the MOU, the funds donated by the company will be dispersed for the tuition fee of two students eligible for 80% scholarship under merit-cum-needs scholarships scheme of the institute. Under this category, an amount of Rs 2,54,400 has been received and dispersed to two students for Sem. I 2018-19.
- A MOU has been signed by members of the extended Prof V Krishnamurthy family to create an endowment with an estimated corpus of over \$235600 for funding scholarships for qualified needy students to study at Pilani Campus. The institute would contribute 50% of the total scholarship amount per annum (80% MCN category) towards tuition fee of the

recipient of this scholarship. Under this category, six students have received 80% MCN scholarship for Sem. I 2018-19.

- An amount of Rs 8.59 lakhs on the name of BITS Alumni Fund for Children's Education (BAFCE), a charitable fund instituted by the 1987 batch on behalf of all alumni coinciding with their Silver Jubilee Reunion have been dispersed to college studying forty eight children of eligible employees of the BITS eco-system in Pilani during 2018-19.
- Vasu Sharma, Sidhartha Namburi, along with other BITSians and alumni set up a crowdfunding campaign in order to raise the funds for the treatment of the wife of beloved "Chowki bhaiya," Shri. Vikram Singh, who got diagnosed with advanced stages of blood cancer in January 2019. In less than a week, Rs 30 lakhs were obtained through donations made by alumni from all over the world, showcasing the incredible strength and unity we possess. Thanks to the efforts from everyone, the bone marrow transplant was arranged for.
- Mr. Kanak Madrecha, a 1979 bits Pilani alumnus donated Rs 5 lakhs towards Alumni Guest Convention Centre project during his batch reunion in Pilani Campus.
- Alumni from 1963-68 batch had raised Rs 27.13 lakhs towards building alumni Convention Centre in Pilani Campus.

#### **6. Alumni Related Initiatives:**

- A six-member core team (3 from BITS & 3 from BITSAA International) was constituted to coordinate communication, database and strategy framework for Alumni funding.
- Mails and video conference meetings have been initiated with Australia & Singapore chapters for collaboration and holding an Alumni Meet wherein BITS team will also participate.
- The Naming Rights Policy has been formally released by the Vice Chancellor and BITSAA Chairperson during the Alumni Meet at Dubai campus.
- Designing on merchandising items for branding purpose has been initiated and a MoU has been signed with The Soulded Store Pvt. Ltd. for the online sale of BITS branded merchandize.
- A MoU has been recently signed between BITS Pilani and Mr. Prashanth Palakurthi and Ms. Anuradha Palakurthi for setting up a center with an objective of promoting research in the area of Artificial Intelligence. This will be funded by the generous contributions of US 1 million dollars by the donors.
- The Graduating Class of 2019 Giving Campaign was launched across all the campuses for offering an opportunity for the graduating students of 2019 to give back to their Alma Mater, and specifically to fellow junior BITSians. The campaign aims to promote student research on campus through these donations.
- The next four issues of the newsletter of Alumni Relations Cell-BITS ECHO, covering the important developments at the institute and alumni front were released. This is one initiative that aims to bring BITS campuses closer to alumni. The alumni get a feel of what's happening in Pilani, Dubai, Goa and Hyderabad campuses. Particularly newsbytes that is relevant to them. The purpose is to share, engage, invite and thank alumni. It would value the connect with BITS Pilani that has shaped alumni to face greater challenges of life and to bring in a name and fame to alma mater.
- Yearbook compilation for the 2019 graduates was done and provided to the graduating students in Pilani, Goa and Hyderabad Campus.
- Prof S S Ranganathan (SSR) Memorial Teaching Excellence Award - 2018, Instituted by BITS Alumni 1978-83 Batch has been conferred to Prof. Biju K Raveendran, Associate Professor, Computer Science, Information & Software Systems Department, in recognition of his excellence and consistent high standard of teaching at BITS Pilani, K.K. Birla Goa Campus.
- A Faecal Sludge Management Lab for research purpose is in the process of getting started with the support of 1966 Batch amounting to Rs 50.77 Lakhs.

Enormous efforts have been made towards fetching CSR funding, including cold emails to CSR Heads (300 emails sent. Response rate 5%), organization of Dinner with alumni leaders, registering on BSE Sammaan CSR portal for grant opportunities etc.

**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
- 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.

#### **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 Best 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 24<sup>th</sup> 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.



Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

# Certificate



**Reference No.** U-0391-2019

This is to certify that **VISHAL SAXENA** of Birla Institute of Technology & Sciences, Pilani has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2019-2020.

( Madan Mohan )  
Additional Director General

**Dated:** 07/07/2020

**Name of the signatory**