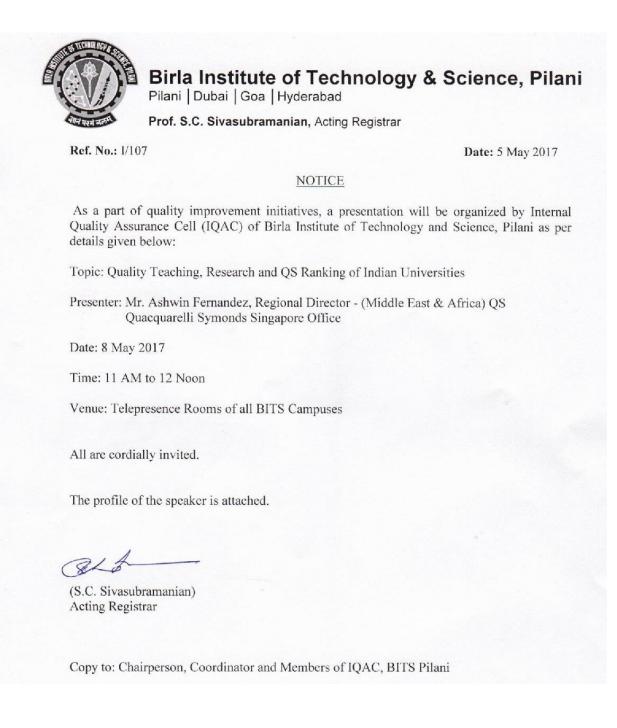**A 2.11) Meetings with various stake holders**

1. *Koffee with Profs* a quality initiative to bring together Students and Professors over informal anf free discussion. Approximately 80 students and teachers attended. It was a cordial and enjoyable interaction. With games involving mixed teams of students and faculty were conducted, and Quiz on BITS Pilani.

2. *Teachers Day:* this is also a quality initiative to bring together Students and Professors 5th Sep 2016. About 100 attended. Events included medley singing by faculty, songs by students, skit by students, quiz etc.

3. *Seminar / Invited Talk 1 (Social worker):* Another quality initiative involving Students, non-teaching staff and faculty on social work perspective. Interactive session and lecture was by renowned social worker Dr Rajeshwari Narendran on 3rd Nov 2016, to encourage everyone to participate in social works.

4. *Mess visits:* In total three mess visits conducted spread over the year and different messes of both Boys' and girls' hostel. Where faculty members and students had food together at student's mess and also had informal discussion with Mess workers, and students and noted their suggestions on quality improvement.

5. *Seminar/Invited Talk 2 (Alumni):* Lecture by BITS alumni and IAS officer **Mr Kartikeya Misra** was organized, attended by students, staff and alumni. The topic of discussion **"The most aspired - the IAS!: Why not?".** Talk was aspirational and from perspective of the speaker's personal journey.

--END--

A2.13) On 8th May 2017 a Telepresence based Symposia was organized, resource person Mr Ashwin Fernendez, Regional Director (Middle east & Africa) QS, Singapore office. All campuses of BITS Pilani participated, including external members of IQAC.

Birla Institute of Technology & Science, Pilani

Pilani | Dubai | Goa | Hyderabad

Prof. S.C. Sivasubramanian, Acting Registrar

Ref. No.: I/107

Date: 5 May 2017

NOTICE

As a part of quality improvement initiatives, a presentation will be organized by Internal Quality Assurance Cell (IQAC) of Birla Institute of Technology and Science, Pilani as per details given below:

Topic: Quality Teaching, Research and QS Ranking of Indian Universities

Presenter: Mr. Ashwin Fernandez, Regional Director - (Middle East & Africa) QS
Quacquarelli Symonds Singapore Office

Date: 8 May 2017

Time: 11 AM to 12 Noon

Venue: Telepresence Rooms of all BITS Campuses

All are cordially invited.

The profile of the speaker is attached.

(S.C. Sivasubramanian)
Acting Registrar

Copy to: Chairperson, Coordinator and Members of IQAC, BITS Pilani

A 2.15) Academic Calendar

ACADEMIC CALENDAR FOR PILANI CAMPUS
SOME IMPORTANT DATES

2016			2017		
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
31 1 2	1 2 3 4 5 6	1 2 3	1 2 3 4 5 6 7	1 2 3 4	1 2 3 4
3 4 5 6 7 8 9	7 8 9 10 11 12 13	4 5 6 7 8 9 10	8 9 10 11 12 13 14	5 6 7 8 9 10 11	5 6 7 8 9 10 11
10 11 12 13 14 15 16	14 15 16 17 18 19 20	11 12 13 14 15 16 17	15 16 17 18 19 20 21	12 13 14 15 16 17 18	12 13 14 15 16 17 18
17 18 19 20 21 22 23	21 22 23 24 25 26 27	18 19 20 21 22 23 24	22 23 24 25 26 27 28	19 20 21 22 23 24 25	19 20 21 22 23 24 25
24 25 26 27 28 29 30	28 29 30 31	25 26 27 28 29 30	29 30 31	26 27 28	26 27 28 29 30 31

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
30 31 1	1 2 3 4 5	1 2 3	30 1	1 2 3 4 5 6	1 2 3
2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10	2 3 4 5 6 7 8	7 8 9 10 11 12 13	4 5 6 7 8 9 10
9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17	9 10 11 12 13 14 15	14 15 16 17 18 19 20	11 12 13 14 15 16 17
16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24	16 17 18 19 20 21 22	21 22 23 24 25 26 27	18 19 20 21 22 23 24
23 24 25 26 27 28 29	27 28 29 30	25 26 27 28 29 30 31	23 24 25 26 27 28 29	28 29 30 31	25 26 27 28 29 30

▨ HOLIDAYS AND RECESS

First Semester 2016-2017

July 4, 2016 (M)	Registration for Practice School II
July 4, 2016 (M)	Practice School II begins
July 29 (F)	Admission to Higher Degree and Doctoral Programmes
July 30 (S)	Admission to Integrated First Degree Programme
July 31 (Su)	Freshmen Orientation Programme
August 1 (M)	First Semester begins
August 1 (M)	Registration for all students
August 2 (T)	Class-work begins
August 15 (M)	Independence Day (H)
August 17 (W)	Last day for substitution of courses
August 18 (Th)	Raksha Bandhan (H)
August 19 (F)	Last day for submission of Application for Merit-Cum Need Scholarship
August 25 (Th)	Janmashtami (H)
September 12 (M)	Eid- ul-Zuha (H)
October 2 (Su)	Mahatma Gandhi's Birthday (H)
October 3 (M) to 8 (S)	Mid-Semester Test (Class work Suspended)
October 7 (F)	Monday's Timetable to be followed
October 10(M) -11 (T)	Dussehra (H)
October 12 (W)	Last day for withdrawal from courses
October 17 (M)	Last day for returning evaluated answerscripts of Mid-Semester Test
October 20 (Th)-23 (Su)	OASIS-2016
October 26 (W)	Last day for Mid-Semester Grading
October 30 (Su) - 31(M)	Diwali (H)
November 4 (F)	Monday's Timetable to be followed
November 14 (M)	Guru Nanak's Birthday (H)
November 26 (S)	Thursday's Timetable to be followed
November 26 (S)	Last day of Pre-comprehensive marks display
November 29 (T)	Last day for class work
December 1 (Th)	Comprehensive Examination begins
December 14 (W)	Practice School II ends
December 14 (W)	Comprehensive Examination ends
December 14 (W)	First Semester ends
December 15 (Th) to January 11 (W), 2017	Recess
December 25 (Su)	Christmas (H)
January 1, 2017 (Su)	New Year (H)

Second Semester 2016-2017

January12, 2017 (Th)	Second Semester begins
January 12 (Th)	Registration for all students
January 12 (Th)	Registration for Practice School II
January 12 (Th)	Practice School II begins
January 13 (F)	Class-work begins
January 14 (S)	Makar Sankranti (H)
January 26 (Th)	Republic Day (H)
January 28 (S)	Last day for substitution of courses

January 28 (S)	Last day for submission of Application for Merit-Cum Need Scholarship
February 1 (W)	Basant Panchmi and Founder's Day (H)
February 24 (F)	Shivratri (H)
March 6 (M) to 11(S)	Mid-Semester Test (Class work Suspended)
March 12(Su) -13(M)	Holi (H)
March 18 (S)	Last day for withdrawal from courses
March 21 (T)	Last day for returning evaluated answerscripts of Mid-Semester Test
March 23 (Th) - 26(Su)	APOGEE
March 25 (S)	Last day for Mid-Semester Grading
April 5 (W)	Ram Navami (H)
April 9 (Su)	Mahavir Jayanti (H)
April 14 (F)	Dr. Ambedkar Jayanti (H)
April 16 (Su)	Registration for Practice School I
May 2 (T)	Last day for class work
May 3 (W)	Comprehensive Examination begins
May 16 (T)	Comprehensive Examination ends
May 16 (T)	Second Semester ends
May 19 (F)	Summer Vacation begins
May 22 (M)	Summer Term begins
May 22 (M)	Practice School I begins
June 17 (S)	Practice School II ends
July 15 (S)	Practice School I ends
July 15 (S)	Summer Term ends
July 17 (M)	Summer Vacation ends

ACADEMIC CALENDAR FOR K. K. BIRLA GOA CAMPUS
SOME IMPORTANT DATES

2016																					2017																					
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

HOLIDAYS AND RECESS

First Semester 2016-2017

July 4, 2016 (M)	Registration for Practice School II
July 4, 2016 (M)	Practice School II begins
July 29 (F)	Admission to Higher Degree and Doctoral Programmes
July 30 (S)	Admission to Integrated First Degree Programme
July 31 (Su)	Freshmen Orientation Programme
August 1 (M)	First Semester begins
August 1 (M)	Registration for all students
August 2 (T)	Class-work begins
August 15 (M)	Independence Day (H)
August 17 (W)	Last day for substitution of courses
August 18 (Th)	Raksha Bandhan (H)
August 19 (F)	Last day for submission of Application for Merit-Cum Need Scholarship
August 25 (Th)	Janmashtami (H)
September 5 (M)	Ganesh Chaturthi(H)
September 12(M)	Eid- ul-Zuha (H)
September 19(M) -23(F)	Test I Series
October 1 (S)	Last day for returning evaluated answerscripts of Test 1
October 2 (Su)	Mahatma Gandhi's Birthday (H)
October 5 (W)	Monday's Timetable to be followed
October 10 (M)	Last day for withdrawal from courses
October 10(M) - 11(T)	Dussehra (H)
October 24(M) - 28(F)	Test II Series
October 29 (S)	Diwali (H)
October 30 (Su)	Diwali (H)
November 5(S)	Last day of returning evaluated answer scripts of Test- II
November 9(W)	Monday's Timetable to be followed
November 10(Th)	Last day of Mid-Semester Grading
November 14 (M)	Guru Nanak's Birthday (H)
November 26 (S)	Last day of Pre-comprehensive marks display
November 29 (T)	Last day for class work
December 1 (Th)	Comprehensive Examination begins
December 14 (W)	Practice School II ends
December 14 (W)	Comprehensive Examination ends
December 14 (W)	First Semester ends
December 15 (Th) to January 11 (W), 2017	Recess
December 19 (M)	Goa Liberation Day(H)
December 25 (Su)	Christmas (H)
January 1, 2017 (Su)	New Year (H)

Second Semester 2016-2017

January12, 2017 (Th)	Second Semester begins
January 12 (Th)	Registration for all students
January 12 (Th)	Registration for Practice School II
January 12 (Th)	Practice School II begins
January 13 (F)	Class-work begins
January 14 (S)	Makar Sankranti (H)
January 26 (Th)	Republic Day (H)
January 28 (S)	Last day for substitution of courses
January 28 (S)	Last day for submission of Application for Merit-Cum Need Scholarshi
January 31 (T)	Wednesday's Timetable to be followed
February 1 (W)	Basant Panchmi and Founder's Day (H)
February 20(M) to 25(S)	Test I Series
February 24 (F)	Shivratri (H)
March 4(S)	Last day of returning evaluated answer scripts of Test- I
March 13(M)	Holi (H)
March 18 (S)	Last day for withdrawal from courses
March 27(M) - 31(F)	Test II Series
April 5 (W)	Ram Navami (H)
April 8(S)	Last day of returning evaluated answer scripts of Test- II
April 9 (Su)	Mahavir Jayanti (H)
April 11 (T)	Friday's Timetable to be followed
April 13 (Th)	Last day of Mid-Semester Grading
April 14 (F)	Good Friday(H)
April 16 (Su)	Registration for Practice School I
April 29(S)	Last day of Pre-comprehensive marks display
May 2 (T)	Last day for class work
May 3 (W)	Comprehensive Examination begins
May 16 (T)	Comprehensive Examination ends
May 16 (T)	Second Semester ends
May 19 (F)	Summer Vacation begins
May 22 (M)	Summer Term begins
May 22 (M)	Practice School I begins
June 17 (S)	Practice School II ends
July 15 (S)	Practice School I ends
July 15 (S)	Summer Term ends
July 17 (M)	Summer Vacation ends

ACADEMIC CALENDAR FOR HYDERABAD CAMPUS
SOME IMPORTANT DATES

2016					
JULY		**AUGUST**		**SEPTEMBER**	
S M T W T F S		S M T W T F S		S M T W T F S	
31 1 2		1 2 3 4 5 6		1 2 3	
3 4 5 6 7 8 9		7 8 9 10 11 12 13		4 5 6 7 8 9 10	
10 11 12 13 14 15 16		14 15 16 17 18 19 20		11 12 13 14 15 16 17	
17 18 19 20 21 22 23		21 22 23 24 25 26 27		18 19 20 21 22 23 24	
24 25 26 27 28 29 30		28 29 30 31		25 26 27 28 29 30	
OCTOBER		**NOVEMBER**		**DECEMBER**	
S M T W T F S		S M T W T F S		S M T W T F S	
30 31 1		1 2 3 4 5		1 2 3	
2 3 4 5 6 7 8		6 7 8 9 10 11 12		4 5 6 7 8 9 10	
9 10 11 12 13 14 15		13 14 15 16 17 18 19		11 12 13 14 15 16 17	
16 17 18 19 20 21 22		20 21 22 23 24 25 26		18 19 20 21 22 23 24	
23 24 25 26 27 28 29		27 28 29 30		25 26 27 28 29 30 31	

2017					
JANUARY		**FEBRUARY**		**MARCH**	
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		1 2 3 4	
8 9 10 11 12 13 14		5 6 7 8 9 10 11		5 6 7 8 9 10 11	
15 16 17 18 19 20 21		12 13 14 15 16 17 18		12 13 14 15 16 17 18	
22 23 24 25 26 27 28		19 20 21 22 23 24 25		19 20 21 22 23 24 25	
29 30 31		26 27 28		26 27 28 29 30 31	
APRIL		**MAY**		**JUNE**	
S M T W T F S		S M T W T F S		S M T W T F S	
30 1		1 2 3 4 5 6		1 2 3	
2 3 4 5 6 7 8		7 8 9 10 11 12 13		4 5 6 7 8 9 10	
9 10 11 12 13 14 15		14 15 16 17 18 19 20		11 12 13 14 15 16 17	
16 17 18 19 20 21 22		21 22 23 24 25 26 27		18 19 20 21 22 23 24	
23 24 25 26 27 28 29		28 29 30 31		25 26 27 28 29 30	

☐ HOLIDAYS AND RECESS

First Semester 2016-2017

July 4, 2016 (M)	Registration for Practice School II
July 4, 2016 (M)	Practice School II begins
July 6, 2016 (W)	Ramzan (Eid-ul-Fitr) (H)
July 29 (F)	Admission to Higher Degree and Doctoral Programmes
July 30 (S)	Admission to Integrated First Degree Programme
July 31 (Su)	Freshmen Orientation Programme
August 1 (M)	First Semester begins
August 1 (M)	Registration for all students
August 2 (T)	Class-work begins
August 15 (M)	Independence Day (H)
August 17 (W)	Last day for substitution of courses
August 18 (Th)	Raksha Bandhan (H)
August 19 (F)	Last day for submission of Application for Merit-Cum Need Scholarship
August 25 (Th)	Janmashtami (H)
August 31 (W)	Monday's Timetable to be followed
September 5 (M)	Ganesh Chaturthi (H)
September 8(Th)-13(T)	Test-I Series (Class Work Suspended)
September 12 (M)	Bakrid (Eid-ul-Zuha) (H)
September 20 (T)	Monday's Timetable to be followed
September 20 (T)	Last day for returning evaluated answer scripts of Test I
September 28 (W)	Monday's Timetable to be followed
October 2 (Su)	Mahatma Gandhi's Birthday (H)
October 10 (M)	Last day for withdrawal from courses
October 11 (T)	Dussehra (H)
October 14 (F)–15(Su)	ATMOS 2016 (Class work remains suspended)
October 21 (F) - 25 (T)	Test-II Series (Class Work Suspended)
October 26 (W)	Last day for Mid-Semester Grading
October 31 (M)	Diwali (H)
November 2 (W)	Last day for returning evaluated answer scripts of Test II
November 2 (W)	Monday's Timetable to be followed
November 14 (M)	Guru Nanak's Birthday (H)
November 26 (S)	Last day of Pre-comprehensive marks display
November 29 (T)\	Last day for class work
December 1 (Th)	Comprehensive Examination begins
December 14 (W)	Practice School II ends
December 14 (W)	Comprehensive Examination ends
December 14 (W)	First Semester ends
December 15 (Th) to January 11 (W), 2017	Recess
December 25 (Su)	Christmas (H)
January 1, 2017 (Su)	New Year (H)

Second Semester 2016-2017

January12, 2017 (Th)	Second Semester begins
January 12 (Th)	Registration for all students
January 12 (Th)	Registration for Practice School II
January 12 (Th)	Practice School II begins
January 13 (F)	Class-work begins
January 14 (S)	Makar Sankranti (H)
January 26 (Th)	Republic Day (H)
January 26 (Th)- 29(Su)	ARENA 2017
January 28 (S)	Last day for substitution of courses
January 28 (S)	Last day for submission of Application for Merit-Cum Need Scholarship
February 23 (Th) - 28(T)	Test-I Series (Class Work Suspended)
February 24 (F)	Shivratri (H)
March 8 (W)	Last day for returning evaluated answer scripts of Test I
March 13(M)	Holi (H)
March 17 (F) -19 (Su)	PEARL 2017 (Class Work Suspended)
March 18 (S)	Last day for withdrawal from courses
March 25 (S)	Last day for Mid-Semester Grading
March 29 (W)	Ugadi/Hyderabad Campus Foundation Day (H)
March 31 (F) - April 4(T)	Test-II Series (Class Work Suspended)
April 5 (W)	Ram Navami (H)
April 9 (Su)	Mahavir Jayanti (H)
April 12 (W)	Last day for returning evaluated answer scripts of Test II
April 16 (Su)	Registration for Practice School I
May 2 (T)	Last day for class work
May 3 (W)	Comprehensive Examination begins
May 16 (T)	Comprehensive Examination ends
May 16 (T)	Second Semester ends
May 19 (F)	Summer Vacation begins
May 22 (M)	Summer Term begins
May 22 (M)	Practice School I begins
June 17 (S)	Practice School II ends
July 15 (S)	Practice School I ends
July 15 (S)	Summer Term ends
July 17 (M)	Summer Vacation ends

B 1.1) UNDERGRADUATE PROGRAMS

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

POSTGRADUATE PROGRAMS

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

OTHERS

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

B 1.3) Feedback from stakeholders

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

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

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

Feedback from stakeholders (Industry Feedback from Internship, sample feedback attached)

Mr. Praveen Sharma, Executive Director at JP Morgan Chase:

I have had the pleasure of working Utkarsh and Aditi as their mentor at our company from January-June 2016. During this period, they have impressed me time and again with their capacity and sincerity. They have worked on various FinTech applications here at the company demonstrating their sound creativity and technical capabilities. I discovered a natural inclination in them to excel, owing to their admirable moral conduct, exemplary team work and interest in the field. They have adapted well to the work culture and strive to perform better every day. The interns' drive and capabilities have truly been an asset for the company and we look forward to work with the next batch of interns from BITS, Pilani. I appreciate the Practice School program initiative undertaken by the college as it prepares the student for a smooth transition to the corporate world.

Vishnu BG, Senior Analyst ZKC Zinnov Management Consulting Pvt. Ltd, Bangalore

(Zinnov Knowledge Center) which is an integral research arm of Zinnov has engaged with lot of BITS student in the past since our inception. It has been quiet a brilliant experience the team had working with the BITSians. The inclusion of BITSians has certainly created a great value addition to the team as they provide some valuable contribution in the projects both in the form of Research and Consulting. As a research team our main expectation is to provide valuable data to derive strategic insights for our clients. Students who have associated with our team has provided innovative ways of deriving the data and have worked along with us to come up with innovative frameworks which is equivalent to the lights of BCGs and Mckinseys. We always look for interns who just not provide the data but for an individual who do some analytics on top of it and create some potentiality such that it can go directly into our Consulting papers, BITSians have always satisfied us with this and it is quite evident when compared to the other students from various institutes. We have included students from BITS in

various types of project with different team so that a collective knowledge can be shared among themselves. In the last PS we have made them engage in Consulting projects, Syndicated Reports, Platform Development, Research Process and even in Zinnov internal transformation assignments. The rapid adaptability into Zinnov's environment has been a notable achievement from the students along with quality delivery in a short span of time. Some of the PS students who engaged with us have made significant achievements as well. They have contributed equivalent to that of a Consultant and have helped us to create great customer success stories. Students have directly worked with the client's right from the proposal to delivery and final presentation. These students have won Zinnov awards such as Spot Recognition Award and Team Excellence Award for their significant contribution and achievement.

Company: CEERI, Pilani Mr. Pr Dr. Bhausaheb Botre, Scientist
With utter proud, I take this opportunity to write to you that Mr Ashish Kumar has successfully completed his project, "Design and development of adaptive pitch control". During his tenure as a trainee, Mr. Ashish displayed a great ability of imagination and a sense of creativity to find solutions to complex problems and understand the intricacies of the project. His cooperative nature helped him in functioning as an integral element of the working environment in a lab. I would be pleased to cooperate and may be contacted for further details about Mr. Ashish.

Company: Qualcomm India Pvt. Ltd, Bangalore Paras Doshi, Lead Senior Engineer
Ayush showed tremendous speed in both learning and execution. The work that we did here with Ayush received lots of attention both here in India and in the US office. The simple reason being that this worked showed significant improvement in smart phone battery life which is a big deal in Qualcomm. Our work was filed for an US patent and was also selected as top paper submission in SW category in one of the biggest Qualcomm conference which is held yearly in San Diego. We are thrilled that he is joining back as full time and that he will deliver this solution to the market soon. Nishant worked with full dedication towards the tasks assigned to him. It helped the team to better understand 10 nm and formulate strategies based on the study done by him. Further he helped in execution of an upcoming chip which included running multiple timing runs and analyzing them.

Company: Cisco Systems (India) Pvt, Bangalore - Suresh Shetty, Sr Manager, Advanced Services

Hargun Singh Oberoi has taken up three projects, with three different business units and has basically added breadth to our organization. Hargun Singh Oberoi has taken up three projects, with three different business units and has basically added breadth to our organization. His abilities to reach out to the crowd are also outstanding. Recently he had conducted a session for more than 100 employees from Advanced Services and all of us had a wonderful time. The session lasted for two hours but I never had to look at my 20 watch. I am looking to have Hargun be a significant part of the team and become an asset to our organization. His ability to interact, speak and take leadership is what is most outstanding.

Company: C.S.I.R. - Central Leather Research Institute (CSIR-CLRI), Chennai
Dr. M Surianarayanan, Principal Scientist (Cell for Industrial Safety and Risk Analysis)

It is always a pleasure to share my mentoring experience with many undergraduate and masters students of BITS, Pilani. I guess I may be one of the few mentors to deal with more than 44 batches of your students, since 1994. When I look back, I feel so proud and happy... many of them are in peak in their careers both in India as well in West, especially in USA. I have worked with students from different faculties from different BITS campus; Chemical Engineering, Chemistry, Computer Science, Maths, Bio, and dual degree holders. I have also had similar opportunities to mentor students from other Universities besides my research scholars. To put it shortly, I would give first rank to BITS students for their excellent analytical ability, grasping power and understanding the assigned research problem, adapting to the professional office environment, and getting along well with other labmates and so on. I always wonder how the students from BITS (irrespective of the campus) are so independent, mature and different from other college students of the same age group. I am convinced that the curriculum, the mentoring methodology and the grading system, committed teachers and the

competitive environment of the BITS campuses are responsible for shaping good students. Coming to my experience with the allocation of research problems to the students, to the best of my memory, none of them had any arguments nor unwillingness, everyone had taken it a challenge, partly or successfully completed the project. The students were good motivators for my research scholars, and were at par with them. The research problems I had allotted often required computation abilities and the students did complete the assignments well. Some of the projects allotted to the students involved visiting Industries, I have had an excellent feedback from the Industries about the students professional attitude in understanding and solving the shop floor issues. Frankly, I had opportunities to learn a lot in turn from the students. In addition to successfully solving their problems, many students had participated in maintaining the expensive analytical equipment and devices, and extending support for anything beyond their research. Finally, I am extremely grateful to BITS for providing brilliant students to be the part of CSIR team for generating knowledge to Science & Engineering. I also thank my CSIR senior colleagues for having felicitated the flow of BITS students for PS work in CLRI and CSIR laboratories. I hope the system will continue!

Company: Blue Jeans Network India Pvt. Ltd, Bangalore
Sonam Jain, Senior Software Engineer

It is our pleasure having Bhavana interning in our team and is a hardworking person. She is courteous, always willing to take up the work. She knew very little about the environment and kind of work here but yet made an enormous improvement as time progressed. During her time here she has shown a great deal of enthusiasm and is always willing to learn new things. She is extremely organized and can work independently to ensure that the job is done. Finally conclude by saying that it is really a wonderful experience having her on our side and she made a significant contribution to our team.

B 2.6) 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 fulfill 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.

B 2.11 Course/ Programme wise distribution of pass percentage:

Pilani Campus:

Title of the Programme	Total No. of students appeared	Division		
		Distinction %	First%	Second %
B.E.(Hons.)(Chemical)	11	0.00	54.55	45.45
B.E.(Hons.)(Chemical) (with Practice School)	85	3.53	77.65	18.82
B.E.(Hons.)(Civil)	14	0.00	71.43	28.57
B.E.(Hons.)(Civil) (with Practice School)	65	3.08	67.69	29.23
B.E.(Hons.)(Computer Science)	27	29.63	59.26	11.11
B.E.(Hons.)(Computer Science) (with Practice School)	146	15.75	67.12	17.12
B.E.(Hons.)(Electrical and Electronics)	19	21.05	68.42	10.53
B.E.(Hons.)(Electrical and Electronics) (with Practice School)	117	9.40	67.52	23.08
B.E.(Hons.)(Electronics and Instrumentation)	16	0.00	75.00	25.00
B.E.(Hons.)(Electronics and Instrumentation) (with Practice School)	78	5.13	67.95	26.92
B.E.(Hons.)(Manufacturing Engineering	8	0.00	50.00	50.00
B.E.(Hons.)(Manufacturing Engineering) (with Practice School)	39	7.69	71.79	20.51
B.E.(Hons.)(Mechanical)	29	24.14	62.07	13.79
B.E.(Hons.)(Mechanical) (with Practice School)	92	5.43	76.09	18.48
B.Pharm.(Hons.)	5	0.00	20.00	80.00
B.Pharm.(Hons.) (with Practice School)	7	0.00	42.86	57.14
M.E.(Biotechnology)	7	28.57	71.43	0.00
M.E.(Biotechnology) (with Practice School)	4	50.00	50.00	0.00
M.E.(Chemical)	14	50.00	50.00	0.00
M.E.(Chemical) (with Practice School)	5	80.00	20.00	0.00
M.E.(Civil with specialization in Infrastructure Engineering and Management) (with Practice School)	4	25.00	75.00	0.00
M.E.(Civil with specialization in Structural Engineering)	7	28.57	71.43	0.00
M.E.(Civil with specialization in Structural Engineering) (with Practice School)	4	50.00	50.00	0.00
M.E.(Civil with specialization in Transportation Engineering)	8	25.00	62.50	12.50
M.E.(Civil with specialization in Transportation Engineering) (with Practice School)	3	0.00	100.00	0.00
M.E.(Communication Engineering) (with Practice School)	9	44.44	55.56	0.00
M.E.(Computer Science)	1	0.00	100.00	0.00
M.E.(Computer Science) (with Practice School)	22	9.09	86.36	4.55
M.E.(Design Engineering)	7	14.29	85.71	0.00
M.E.(Design Engineering) (with Practice School)	6	16.67	83.33	0.00
M.E.(Embedded Systems)	1	0.00	100.00	0.00
M.E.(Embedded Systems) (with Practice School)	10	30.00	70.00	0.00
M.E.(Manufacturing Systems Engineering)	2	0.00	100.00	0.00

Title of the Programme	Total No. of students appeared	Division		
		Distinction %	First%	Second %
M.E.(Manufacturing Systems Engineering) (with Practice School)	9	44.44	55.56	0.00
M.E.(Mechanical)	6	33.33	66.67	0.00
M.E.(Mechanical) (with Practice School)	10	60.00	40.00	0.00
M.E.(Microelectronics)	1	0.00	100.00	0.00
M.E.(Microelectronics) (with Practice School)	12	33.33	66.67	0.00
M.E.(Software Systems)	1	0.00	100.00	0.00
M.E.(Software Systems) (with Practice School)	22	4.55	95.45	0.00
M.Pharm.	1	100.00	0.00	0.00
M.Pharm. (with Practice School)	8	25.00	62.50	12.50
M.Pharm.(with specialization in Pharmaceutical Chemistry)	1	0.00	100.00	0.00
M.Pharm.(with specialization in Pharmaceutical Chemistry) (with Practice School)	3	33.33	66.67	0.00
M.Pharm.(with specialization in Pharmaceutics)	2	0.00	100.00	0.00
M.Pharm.(with specialization in Pharmaceutics) (with Practice School)	14	7.14	78.57	14.29
M.Sc.(Hons.)(Biological Sciences)	45	4.44	73.33	20.00
M.Sc.(Hons.)(Biological Sciences) (with Practice School)	5	0.00	20.00	80.00
M.Sc.(Hons.)(Chemistry)	30	10.00	83.33	6.67
M.Sc.(Hons.)(Chemistry) (with Practice School)	9	0.00	66.67	33.33
M.Sc.(Hons.)(Economics)	45	11.11	73.33	15.56
M.Sc.(Hons.)(Economics) (with Practice School)	12	8.33	75.00	16.67
M.Sc.(Hons.)(Mathematics)	45	15.56	62.22	20.00
M.Sc.(Hons.)(Mathematics) (with Practice School)	6	0.00	50.00	50.00
M.Sc.(Hons.)(Physics)	42	9.52	61.90	28.57
M.Sc.(Hons.)(Physics) (with Practice School)	5	0.00	60.00	40.00
M.Sc.(Tech.)(Finance) (with Practice School)	10	0.00	100.00	0.00
M.Sc.(Tech.)(General Studies)	1	0.00	100.00	0.00
M.Sc.(Tech.)(General Studies) (with Practice School)	13	0.00	15.38	84.62
M.Sc.(Tech.)(Information Systems)	1	0.00	100.00	0.00
M.Sc.(Tech.)(Information Systems) (with Practice School)	2	0.00	100.00	0.00
Master of Business Administration (with Practice School)	70	8.57	77.14	14.29

Goa Campus:

Title of the Program	Total No. of Students Appeared	Division		
		Distinction%	First%	Second%
B.E.(Hons.)(Chemical)	14	0.00	71.43	28.57
B.E.(Hons.)(Chemical) (with Practice School)	71	1.41	50.70	47.89
B.E.(Hons.)(Computer Science)	18	11.11	83.33	5.56
B.E.(Hons.)(Computer Science) (with Practice School)	108	13.89	65.74	20.37
B.E.(Hons.)(Electrical and Electronics)	27	7.41	77.78	14.81
B.E.(Hons.)(Electrical and Electronics) (with Practice School)	97	2.06	71.13	26.80
B.E.(Hons.)(Electronics and Instrumentation)	23	4.35	47.83	47.83
B.E.(Hons.)(Electronics and Instrumentation) (with Practice School)	90	5.56	62.22	32.22
B.E.(Hons.)(Mechanical)	36	11.11	66.67	22.22
B.E.(Hons.)(Mechanical) (with Practice School)	73	2.74	69.86	27.40
M.E.(Biotechnology) (with Practice School)	5	40.00	60.00	0.00
M.E.(Chemical)	10	30.00	80.00	0.00
M.E.(Computer Science)	3	33.33	66.67	0.00
M.E.(Computer Science) (with Practice School)	5	0.00	100.00	0.00
M.E.(Embedded Systems) (with Practice School)	8	25.00	75.00	0.00
M.E.(Microelectronics)	1	0.00	100.00	0.00
M.E.(Microelectronics) (with Practice School)	7	42.86	57.14	0.00
M.Sc.(Hons.)(Biological Sciences)	13	7.69	61.54	30.77
M.Sc.(Hons.)(Biological Sciences) (with Practice School)	20	5.00	70.00	25.00
M.Sc.(Hons.)(Chemistry)	12	0.00	91.67	8.33
M.Sc.(Hons.)(Chemistry) (with Practice School)	22	0.00	63.64	36.36
M.Sc.(Hons.)(Economics)	11	9.09	54.55	36.36
M.Sc.(Hons.)(Economics) (with Practice School)	23	17.39	60.87	21.74
M.Sc.(Hons.)(Mathematics)	18	0.00	77.78	22.22
M.Sc.(Hons.)(Mathematics) (with Practice School)	20	0.00	60.00	40.00
M.Sc.(Hons.)(Physics)	22	9.09	63.64	27.27
M.Sc.(Hons.)(Physics) (with Practice School)	14	7.14	35.71	57.14

Hyderabad Campus:

Title of the Programme	Total no. of students appeared	Division		
		Distinction%	First%	Second%
B.E.(Hons.)(Chemical)	6	16.67	83.33	0.00
B.E.(Hons.)(Chemical) (with Practice School)	51	9.80	60.78	29.41
B.E.(Hons.)(Civil)	16	25.00	37.50	37.50
B.E.(Hons.)(Civil) (with Practice School)	38	5.26	50.00	44.74
B.E.(Hons.)(Computer Science)	12	33.33	58.33	8.33
B.E.(Hons.)(Computer Science) (with Practice School)	133	14.29	66.92	18.80
B.E.(Hons.)(Electrical and Electronics)	6	0.00	100.00	0.00
B.E.(Hons.)(Electrical and Electronics) (with Practice School)	92	2.17	70.65	27.17
B.E.(Hons.)(Electronics & Communication)	10	10.00	70.00	20.00
B.E.(Hons.)(Electronics & Communication) (with Practice School)	97	7.22	74.23	18.56
B.E.(Hons.)(Electronics and Instrumentation)	2	0.00	50.00	50.00
B.E.(Hons.)(Electronics and Instrumentation) (with Practice School)	47	2.13	74.47	23.40
B.E.(Hons.)(Manufacturing Engineering)	3	0.00	100.00	0.00
B.E.(Hons.)(Manufacturing Engineering) (with Practice School)	48	2.08	58.33	39.58
B.E.(Hons.)(Mechanical)	15	20.00	80.00	0.00
B.E.(Hons.)(Mechanical) (with Practice School)	69	4.35	73.91	21.74
B.Pharm.(Hons.) (with Practice School)	1	100.00	0.00	0.00
M.E.(Biotechnology)	4	50.00	50.00	0.00
M.E.(Biotechnology) (with Practice School)	4	0.00	100.00	0.00
M.E.(Chemical)	8	12.50	87.50	0.00
M.E.(Civil with specialization in Structural Engineering)	6	66.67	33.33	0.00
M.E.(Civil with specialization in Structural Engineering) (with Practice School)	2	0.00	100.00	0.00
M.E.(Communication Engineering)	4	50.00	50.00	0.00
M.E.(Communication Engineering) (with Practice School)	5	0.00	100.00	0.00
M.E.(Computer Science with specialization in Information Security) (with Practice School)	8	0.00	75.00	25.00
M.E.(Computer Science) (with Practice School)	7	57.14	42.86	0.00
M.E.(Design Engineering) (with Practice School)	6	50.00	50.00	0.00
M.E.(Embedded Systems) (with Practice School)	4	50.00	50.00	0.00
M.E.(Mechanical with specialization in Thermal Engineering)	1	0.00	100.00	0.00
M.E.(Mechanical with specialization in Thermal Engineering) (with Practice School)	4	25.00	75.00	0.00
M.Pharm.(with specialization in Pharmaceutics)	5	20.00	80.00	0.00
M.Sc.(Hons.)(Biological Sciences)	1	1000.00	0.00	0.00
M.Sc.(Hons.)(Biological Sciences) (with Practice School)	12	0.00	66.67	33.33
M.Sc.(Hons.)(Chemistry)	13	15.38	46.15	38.46

Title of the Programme	Total no. of students appeared	Division		
		Distinction%	First%	Second%
M.Sc.(Hons.)(Chemistry) (with Practice School)	12	8.33	75.00	16.67
M.Sc.(Hons.)(Economics)	18	11.11	72.22	16.67
M.Sc.(Hons.)(Economics) (with Practice School)	21	9.52	80.95	9.52
M.Sc.(Hons.)(Mathematics)	28	10.71	64.29	25.00
M.Sc.(Hons.)(Mathematics) (with Practice School)	9	0.00	77.78	22.22
M.Sc.(Hons.)(Physics)	28	3.57	71.43	25.00
M.Sc.(Hons.)(Physics) (with Practice School)	5	0.00	100.00	0.00
M.Sc.(Tech.)(Information Systems) (with Practice School)	4	0.00	25.00	75.00

B 2.13) Initiatives undertaken towards faculty development

UGC – Faculty Improvement Programme

University Exposure Abroad (UEA) - Exposure of BITS' faculty to Universities abroad

A.   It is proposed that BITS would support faculty members to spend a few weeks at a University abroad by:
   a.   Identifying Universities (together with department, professor) which will accept them as a "Visiting Scholar",
   b.   Provide travel and living support,
   c.   The time spent in a university abroad will be treated as being "on duty", as a result of which the individual faculty would be eligible to receive additional salary for N-days in lieu of not taking 2N days vacation during summer, less honorarium paid by the company if any. If immersion period spills beyond vacation period on either side, no additional salary will be paid.

B.   During such exposure to universities abroad, it is expected that faculty members will (among others):
   a.   Gain first-hand exposure to current/latest advances in research, etc.
   b.   Gain an understanding of lab resources required to initiate research or to use (or to program) equipment,
   c.   Gain an understanding on how classroom- or lab-based instruction is organized or imparted, AND/OR
   d.   Gain an understanding of research methodology, cross-disciplinary collaboration, or collaboration across institutions, etc.

Universities Exposure Abroad help in Education and/or Research

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

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

B.   Define (or re-define) one's research agenda incorporating therein the possibility for cross-discipline and international collaboration, seek funding from national/international funding agency and/or initiate research collaborations.

Eligible Universities

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

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

B.   Universities in TOP 500 (as per THE/QS rankings), or within the top 100 within one's own discipline.

C.   Other established and renowned University (or faculty).

Duration of UEA

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

Financial Support for UEA

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

Selection Process for UEA

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

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

Who is eligible?	ASTP and above (once)
Minimum no. of yrs of experience at BITS as an ASTP or above	3 yrs (as on date of application)
Annual performance appraisal (last 2 years)	overall "ME"
Has experience in Universities/research lab abroad (at all)	Not 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 2016 - 2017

S.No.	PSRN	Name of Faculty	Depart-ment	Campus	Duration	Name of the University seeking	Status
1	G0310	Saroj S. Baral	Chem. Engg.	Goa	16-May-2017 - 30-Jun-2017	Memorial University Newfoundland, Canada	Withdrawn
2	G0541	Rayson Alex	Hum. & Soc. Sci.	Goa	25-May-2017 - 10-Jul-2017	University of California, Los Angeles, USA	
3	P2873	Tufan Chandra Bera	Mech. Engg.	Pilani	May 19 - July 17, 2017	Purdue University, USA	
4	P1958	Abhijit Asati	EEE	Pilani	May 20 - July 20, 2017	University of Virginia, USA	Withdrawn
5	P1917	A.K. Digalwar	Mech. Engg.	Pilani	May 24-June 30, 2017	University of Southern Denmark	
6	P2036	Suresh Gupta	Chem. Engg.	Pilani	May 20 - July 20, 2017	Texas A&M University, USA	
7	H0354	Manish Kumar	Maths	Hyd	June 27 – July 25, 2017	Central University of Florida, Orlando, Florida	
8	H0125	Pradyumn Kumar Sahoo	Maths	Hyd	May 22 - June 12, 2017	CERN, Geneva Switzerland	
9	H0378	Jagan Mohan J	Maths	Hyd	May 22 - July 15, 2017	University of Dayton, Ohio, 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 2016 - 2017

S.No.	PSRNo.	Name	Deptt	Industry	Duration	Campus
1	23	Basavadatta Mitra	HSS	Piramal Foundation for Education Leadership, Mumbai	20th May 2017 – 15th June 2017	Goa
2	3175	Rajdeep Chowdhury	Bio Sci	Genotypic Technology Pvt.Ltd, Bangaluru	19th June 2017 to 08th July 2017	Pilani
3	161	Suresk K	ME	Tube Investments of India Ltd, Chennai	9th June 2017 – 9th July 2017	Hyd
4	388	Vikrant K. Surasani	Chemical	Schneider Electric, Hyderabad	01 June 2017 – 30 June 2017	Hyd

Staff Training for Teaching and Non-Teaching conducted by the University

BITS Pilani, Pilani Campus - TLC Activities : 2016 - 2017

BITS Pilani under Teaching Learning Center 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 presentations before a group of senior faculty members and senior faculty members 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 have also been introduced to the BITS system of academics which includes academic regulations, classroom teaching, testing and evaluation and other related aspects.

Activities of Teaching Learning Center Across the BITS Campuses

S. No.	Activity	Campus	No. of Participants	Duration
1.	ITW-Part I	Pilani	12	27 - 28 Aug. 2016
2.	ITW-Part II	Pilani	14	20 Sept. - 26 Oct. 2016
3.	Open Forum Discussion I	Pilani	150 (including teachers & students)	23 Sept. 2016
4.	National Convention		More than 80	30 Sept. - 01 Oct. 2016
5.	National Workshop and TLC Newsletter Release	Pilani	More Than 60	28 - 29 Nov. 2016
7.	Invited Talk	Pilani	20	05 Jan. 2017
8.	Workshop on :"Achieving High Quality in Education at the Tertiary Level"	Pilani	25	9-10 Jan. 2017
9.	Workshop on "Orienting Teaching towards Outcome Based Learning"	Pilani	63	18-19 Feb. 2017
10.	Cultural Evening	Pilani	500 (BITS Staff with Family & Students)	18 Feb. 2017
11.	Open Forum Discussion II	Pilani	400	27 Mar. 2017
12.	Interactive Session	Pilani	20	20 Apr. 2017
13.	ITW Part - I	Pilani	14	26-27 Jul, 2017
14.	ITW for New faculties	Hyd	20	July 2016
15.	Teaching Workshop for Research Scholars	Hyd	50	Nov. 2016
16.	Workshop for Faculties to Design Course Learning Outcomes	Hyd	110	January 2017
17.	Workshop on "Active Learning"	Hyd	30	April 2017

S. No.	Activity	Campus	No. of Participants	Duration
18.	Books on Student Assessment, Student Learning and Technology Enabled Learning	Hyd	20 Books	
19.	TLC Workshop for TAs	Goa	12	10 Sept., 2016
20.	TLC Workshop For Faculty	Goa	8	4-5 Nov., 2016
21.	Teaching Seminar	Goa	30	15 Nov., 2016
22.	Regional Workshop	Goa	42	10-11 Feb. 2017
23.	Teaching Seminar	Goa	20	01 Mar. 2017
24.	Teaching Seminar	Goa	20	03 Apr., 2017
25.	Faculty Induction Program	Dubai	8	11 Oct., 2016
26.	Session on "Introduction of Google classroom and extend its use to more courses."	Dubai	44	10 Nov., 2016
27,	Session on "Administering online quizzes in class"	Dubai	-	19 Jan., 2017
28.	HODs gave a Department wise /Course wise improvements to be adopted in teaching methodology with a view to improve teaching and learning process.	Dubai	-	II Semester 2017
29.	An interactive session on "Innovative Strategies on Teaching as applicable to Engineering Education"	Dubai	-	28 March 2017

Training For Non-Teaching Staff

University Wide Training Initiatives For Non Teaching staff - (1st Apr'16-3oth Apr'17)

S. No.	Campus	No. of Programs	No. of Man days
1	Pilani	6	210
2	Goa	5	138
3	Hyderabad	6	231
4	Dubai		3
5	Off Campus	4	112
	Total	21	694

University Wide Training & Capability Building Initiatives - Non Teaching Staff

Sr. No.	Program Title	No. of Participants					Mandays					Overall Feedback (1-5) with 5 being high
		Pilani	Goa	Hyd	Off-Camp	Dubai	Pilani	Goa	Hyd	Off-Camp	Dubai	
1	Advance Cardiac Life Support			3					3			4
2	Awareness Programme on Anti Sexual Harassment of Women at Workplace	2	2	2	1		2	2	2	1		4
3	Basic Life Support			3					6			
4	Bulandi Ki Oor Ek Safar	46			11		92			22		4.4
5	Business Communication & Telephone Etiquette		32									4.62
6	Connect Inside Out	21	24	22	10		42	48	44	20		4.5
7	English and Email	25			18		50			36		4.3
8	Exposure Visit to Ultratech	2		2	1		4		4	2		4.3
9	Focus at Work				4					4		4.6
10	HR-ERP Capability Building workshop	6		3	1	1	18		9	3	3	4.3

Sr. No.	Program Title	No. of Participants					Mandays					Overall Feedback (1-5) with 5 being high
		Pilani	Goa	Hyd	Off-Camp	Dubai	Pilani	Goa	Hyd	Off-Camp	Dubai	
11	MS-Word & MS-Office		28					78				3.33
12	National Conference on GST		2					2				4
13	New Dimensions of Supervision		8					8				4.23
14	Professional Development program on HR Analytics	1					2					4
15	WILP Product Workshop				12					24		4.3
16	Orientation program on Productivity enhancement			125					125			NA
17	Awareness on Basic Condition Improvement			71					71			NA
	Total	**103**	**96**	**231**	**58**	**1**	**210**	**138**	**264**	**112**	**3**	

Other Faculty Development Program

1.   OPERA Award

The awards named OPERA awards (for "Outstanding Potential for Excellence in Research and Academics") are to facilitate and incentivize new faculty to join BITS and excel in research and teaching.

The award is in the form of a "joining bonus" paid over 5 years, plus funds to kick-start their R&D and professional development. The award will help compensate new faculty (or provide R&D funds) at par with the best institutions in India.

Guidelines

The award carries a grant of Rs. 3 Lakhs per year for 5 years, subject to a performance review at the end of 2 years. The award is given to facilitate and incentivize new faculty to excel in research and teaching.

The amount will be revised upwards to Rs. 3.60 Lakhs pa from April 1, 2016 and to Rs. 4.20 Lakhs per annum from April 1, 2019. The award may be renewed for one or more years, but only as an exception.

Grant utilization

From the grant, the faculty may (at his/her option) take home up to Rs. 15,000 pm as honorarium, and use the balance for any academic purpose that helps him/her to initiate research and grow professionally (including support to research students/staff, undertake domestic or international travel to attend a conference, or procure equipment, supplies or books, etc.). The limit on honorarium will grow to Rs. 18,000 pm from April 1, 2016 and to Rs. 21,000 pm from April 1, 2019.

Eligibility

To be considered for the award, (a) he/she should be one who is being considered for appointment as Assistant, Associate or full Professor or one who joined BITS on/after Aug 2011, and (b) he/she has the potential to excel as a teacher and researcher.

Preference will be given to faculty in those disciplines where BITS has a challenge in inducting or retaining faculty. (Presently, this includes engineering, mathematics, management, humanities, and economics and finance).

Selection criteria

To be considered for the award, a faculty member should have a PhD from an institution of high repute and has the potential to excel in research (as evidenced by publications in journals of international repute), and in teaching (as evidenced by contribution to curriculum/lab development and student feedback in courses, where applicable). A faculty member who joined on/after Aug 2011, should have been consistently assessed as "exceeds expectation" in teaching and research in the last 2 years spent at BITS.

 A Selection Committee consisting of (a) Vice Chancellor (or his/her nominee) as Chairman, (b) one or more experts from outside BITS nominated by Vice Chancellor, (c) one or more campus Directors, and (d) Dean, Faculty Affairs will decide on the awards. In case such an award has been established from donation, it would be necessary to obtain the donor's concurrence on the awardees.

- While there will be no change in his/her responsibilities, it is expected that he/she will make special effort to excel in teaching and research.

- Normally the awards will be decided at the time faculty is selected with a view to attract and incentivize faculty to join BITS.

University Wide List of Faculties who have been awarded OPERA for the Academic Year 2016 - 2017 and Existing Faculties continuing with the award

S.No	Name	Position	Dept.	Campus	Date of Award	New Faculty/ Existing Faculty	Joining Status	Still working	Remarks
1.	Jegatha Nambi Krishnan	ASTP	Chemical	Goa	29.05.2013	New Faculty	Joined	Still working	Withdrawn from 10.09.2018
2.	Santonu Sarkar	PROF	CSIS	Goa	12.07.2014	New Faculty	Joined	Still working	Withdrawn from 13.07.2019
3.	Ananthakrishna Chintanpalli	ASTP	EEE	Pilani	17.07.2014	New Faculty	Joined	Still working	Withdrawn from 07.10.2017
4.	Dipankar Pal	PROF	EEE	Goa	11.12.2014	New Faculty	Joined	Still working	Withdrawn from 23.03.2018
5.	Indresh Kumar	ASTP	CHEM	Pilani	11.12.2014	Existing faculty	-	Still working	Withdrawn from 31.12.2019
6.	Banasri Roy	ASTP	Chemical	Pilani	11.12.2014	Existing faculty	-	Still working	Withdrawn from 31.12.2019
7.	Palla Murali	ASTP	ME	Pilani	11.12.2014	Existing faculty	-	Still working	Withdrawn from 31.12.2019
8.	Srinivas Kota	ASTP	ME	Pilani	11.12.2014	Existing faculty	-	Still working	Withdrawn from 31.12.2019
9.	K Naga Mohan	ASTP	BIO	Hyd	11.12.2014	Existing faculty	-	Still working	Withdrawn from 31.12.2019
10.	Prasant Kumar Pattnaik	ASTP	EEE	Hyd	11.12.2014	Existing faculty	-	Still working	Withdrawn from 01.01.2018
11.	Ranjit S Patil	ASTP	ME	Goa	11.12.2014	Existing faculty	-	Still working	Withdrawn from 31.12.2019
12.	Sainath Bitragunta	ASTP	EEE	Pilani	16.07.2014	New Faculty	Joined	Still working	
13.	Sumit Kr. Chatterjee	ASTP	EEE	Hyd	09.01.2015	New Faculty	Joined	Still working	
14.	Arkamitra Kar	ASTP	Civil	Hyd	18.04.2015	New Faculty	Joined	Still working	
15.	Bahuru Deen A	ASTP	Civil	Pilani	18.04.2015	New Faculty	Joined	Still working	
16.	Gaurav Singh	ASTP	ME	Goa	01.05.2015	New Faculty	Joined	Still working	
17.	Surya Shankar Dan	ASTP	EEE	Hyd	23.7.2015	New Faculty	Joined	Still working	
18.	Anirban Roy	ASTP	Chemical	Goa	23.01.2017	New awardee	17.7.17	Still working	
19.	Pradeep Kumar Sow	ASTP	Chemical	Goa	24.01.2017	New awardee	3.4.2017	Still working	

S.No	Name	Position	Dept.	Campus	Date of Award	New Faculty/ Existing Faculty	Joining Status	Still working	Remarks
20.	Asrifa Sultana	ASTP	Maths	Hyd	03.02.2017	New awardee	23.5.2017	Still working	
21.	Pranesh Bhargava	ASTP	HSS	Hyd	08.03.2017	New awardee	15.5.2017	Still working	
22.	Lavanya Kumar	ASTP	HSS	Hyd	08.03.2017	New awardee	5.5.2017	Still working	
23.	Vivek Sharma	ASTP	BIO	Hyd	17.03.2017	New awardee	1.5.2007	Still working	
24.	Trinath Jamma	ASTP	BIO	Hyd	16.3.2017	New awardee	1.5.2017	Still working	
25.	Saroj Mondal	ASTP	EEE	Hyd	5.6.2017	New awardee	3.7.2017	Still working	
26.	Basudev Majumdar	ASTP	EEE	Hyd	6.6.2017	New awardee	31.7.2017	Still working	

2.   Research Initiation Grant (RIG)

Introduction

The Research Initiation Fund is designed to attract faculty to BITS to perform quality research. This policy together with the Seed Grant Scheme provides a substantial package to begin a scholarly research program at BITS.

Objectives:

- Enable the beginning of research and related activities for a newly recruited faculty who has significant potential to attract external funding.

- To attract high quality faculty in the present scenario.

Awards

Grants shall be awarded soon after joining BITS for upto Rs. 2 Lakhs and the amount should be spent within 24 months of appointment. (Based on requirement and progress an additional amount of Rs. 2 Lakhs may be considered after an year.)

Eligibility

- Any new faculty of BITS appointed at the level of an Assistant Professor or above.

- All faculty members who joined BITS on or after August 1, 2009 at the level of Assistant Professor or above or were promoted as Assistant Professors on or after August 1, 2009 will be eligible for this grant.

- The initiation grant can also be considered for those recruited in the last three years provided they have not received funding under the new 'Seed Grant" scheme of BITS. The grant will, however, be contingent upon their performance in the past few months/years, and upon the strength of the proposal.

- The faculty should commit to do research and to seek external funding for R & D projects.

Application Process

Faculty members should apply for Research Initiation Grant, to his/her Head of the Department, soon after joining BITS by providing details of the research to be carried out in the prescribed form. Total budget should not exceed the prescribed limit.

Selection Criteria

- Research plan should describe research that is sustainable and has potential to attract external funding.
- Itemized budget should be consistent with research plan.

Evaluation Process

The application/proposal will be reviewed by respective Departmental Research Committee (DRC). On recommendation of DRC, Director of the campus will consider, approve and sanction the fund. The Head of Department will play a key role in monitoring the expenditure of funds.

Guidelines for Expenditure

- The funds may be used to purchase specialized research equipment, databases, software and laboratory supplies (chemicals/glasswares/plastiwares), sample collection and analysis.
- The funds may also be used to buy books and subscribe to journals not available at BITS.
- The funds may be used to engage students at all levels on part time basis providing stipend.
- The funds may be used to travel to technical conferences or for travel for the purpose of data collection, meeting or to initiate collaborations. But attending training programme may not be permitted.
- Desktops, laptops, printers and peripherals may not be purchased with this amount. However, Servers, storage systems, network equipment may be permitted.
- The fund is not to be used for secretarial assistance and any other such expenditure.
- Record of purchase will be maintained by the department.

Conditions:

All purchases/expenses should be processed in accordance with BITS policies and procedures.

Expected Outcomes

BITS expect that faculty who avail Research Initiation grant will seek external funds to support their research program within two years of the commencement of the grant. And otherwise enhance their teaching performance. The report of the faculty on the use and outcome of the grant will be part of the Faculty appraisal.

For existing Faculty: Those who were recruited during last three years may submit a proposal and similar support can be provided based on (i) strength of proposal and (ii) faculty performance as per the appraisal during last three years. It will not be automatic. If the concerned faculty is covered under the new seed grant policy, he/she will not be eligible to this additional grant.

University Wide List of Faculties who were sanctioned Research Initiation Grant in the Academic Year 2016 - 2017

S.No.	PSRN	Name	Deptt.	Campus	RIG Title	Date of Sanction	Project End date	San. in (Rs.)
1	P3413	Kamlesh Tiwari	CSIS	Pilani	Adaptive Biometric Authentication with Atuomatic Template Update on Mobile Devices"	03.08.2016	07.04.2018	200000
2	P3409	Prateek Kala	Mech. Engg.	Pilani	A preliminary study on developing and investigating tungsten inert gas (TIG) welding process for producing free form parts	03.08.2016	24.01.2018	200000
3	P3386	Shyam Sunder	Mech. Engg.	Pilani	Deve. And validation of a Finite Volume Method based flow soler for the compressible two-phase flows with phase change	11.08.2016	02.08.2017	100000
4	P3389	Jitender Kumar	Maths	Pilani	A study of Near-Semiring generated from certain mappings	11.08.2017	11.08.2017	100000
5	P3411	Krishnendra Shekhawat	Maths	Pilani	Rectilinear Arrangement of Rectangles	11.08.2016	31.03.2018	200000
6	P3424	Vishakha Sakhare	Civil Engg.	Pilani	Development of Geopolymer Mortar Using Mutard Husk Briquette Ash	08.09.2016	06.07.2018	200000
7	P2404	Jayashree Mahesh	Mgmt.	Pilani	Empirical Investigation of Mgt. Practices in the Indian Manufacturing Sector	20.09.2016	15.02.2018	200000
8	P2469	Jintendra S Rathore	Mech. Engg.	Pilani	Design and fabrication of a testrig to eperimentally investigate propulsive characteristics of a wiggling elastic flagella	20.09.2016	25.01.2017	100000
9	P2354	Nitin Chaturvedy	EEE	Pilani	Design of Non Volatile Asynchronous Circuit Using CMOSFDSOI/FinFET Technologies"	26.09.2016	09.12.2017	150000
10	P3422	Nikhil Saboo	Civil Engg.	Pilani	Use of copper slag as aggregate replacement in asphalt pavements	26.09.2016	04.07.2018	200000

S.No.	PSRN	Name	Deptt.	Campus	RIG Title	Date of Sanction	Project End date	San. in (Rs.)
11	P2334	G Muthukumar	Civil Engg.	Pilani	Experimental investigation on Structural Perforance of RC frame with deep Beams under Gravity Loading	24.10.2016	24.06.2018	200000
12	P3421	Durgesh Vikram	Civil Engg.	Pilani	Modeling Pedestrian Flow Using a Continuum Model	16.11.2016	03.07.2018	200000
13	P3417	Ashutosh Bhatia	CSIS	Pilani	Realization of Flexible and Scalable VANET using the principles of SDN and Net-work Virtualization	29.12.2016	12.06.2018	200000
14	P3454	Nilanjan Chattaraj	EEE	Pilani	Piezoelectric Energy Harvesting Exploiting Angular Speed Variation in High Speed Rotating Beams	08.02.2017	30.09.2018	200000
15	P2529	M M Pandey	Pharmacy	Pilani	Design and characterization of nano-crystals of poorly soluble drug for enhancement of dissolution and oral bioavailability	06.04.2017	15.05.2018	150000
16	P3456	Asutosh Kar	EEE	Pilani	Design and Analysis of Advanced Adaptive Algorithms for Improved Noise Compensation and Unbiased Feedback Path Estimation in Hearing Aids	20.04.2017	01.01.2019	200000
17	P3410	Kuldeep Kumar	CSIS	Pilani	Detection and Analysis of High level Clones in Software	20.04.2017	25.02.2018	100000
18	P2438	Girish Kant	Mech. Engg.	Pilani	Fabrication of an experimental facility for monitoring the energy consumption of machine tools	20.04.2017	14.07.2018	125000
19	P3202	Sandhya Marathe	Bio. Sc.	Pilani	Characterizing role CRISPR-Cas system in Salmonella pathogenesis	03.05.2017	31.03.2019	200000
20	P3203	Sudeshna Mukherjee	Bio. Sc.	Pilani	Evaluation of apoptosis and autophagy inducing potential of native plant extracts in sensitive and drug resistant cancer cells	03.05.2017	24.03.2019	200000

S.No.	PSRN	Name	Deptt.	Campus	RIG Title	Date of Sanction	Project End date	San. in (Rs.)
21	P3473	Varun Sharma	Mech. Engg.	Pilani	Development of PLA (Poly-Lactic Acid) and ABS (Acrylonitrile Butadiene Styrene)hybrid filaments through reinforcement for biomedical applications and strength enhancement	03.07.2017	07.05.2019	200000
22	P3471	Tamal Chakraborty	CSIS	Pilani	C2ITS-A Cloud based IoT Platform over Cognitive Radio Network for Intelligent Transportation System in Indian Metropolitan Cities	20.07.2017	30.04.2019	200000
23	P2704	Vandana Agarwal	CSIS	Pilani	An EEG-based Brain Computer Interface for emotion recognition	27.07.2017	17.07.2018	100000
24	P2454	Amit Jain	Chem. Engg.	Pilani	Bioremediation of waste automobile engine oil	10.11.2015	18.09.2017	200000
25	P3397	Gautam Singhvi	Pharmacy	Pilani	Preparation and characterization of self emulsifying multi particulate drug delivery system for poorly water soluble drug	22.12.2015	13.10.2017	200000
26	P3401	Aniruddha Roy	Pharmacy	Pilani	Preparation and characterization of chitosan nanoparticles prepared using a novel micellar system to deliver poorly water soluble drugs	22.12.2015	16.11.2017	200000
27	P3402	Neetu Yadav	Mgmt.	Pilani	Campus Sustainability in India: issues and Challenges (A Sutdy of Slect Indian Institutions of Higher Education)	08.03.2016	16.11.2017	200000
28	P3396	Sandeep Dhar	Mech. Engg.	Pilani	Development and validation of control oriented model for unbalanced rotating systems with soft suspension	25.04.2016	30.09.2017	200000

S.No.	PSRN	Name	Deptt.	Campus	RIG Title	Date of Sanction	Project End date	San. in (Rs.)
29	P3337	Ananthakrishna Chintapalli	EEE	Pilani	Computational model predictions of vowel identification in noise for listeners with normal hearing and hearing loss	28.04.2016	07.10.2016	100000
30	P3398	Sumanta Pasari	Maths	Pilani	Earthquake Modeling from GPS Observations in Northwest Himalaya	28.04.2016	29.09.2017	200000
31	P2095	Priya C Sande	Chem. Engg.	Pilani	Experimental sutdies on abench-scale cold flow FCC unit	30.05.2016	11.12.2017	200000
32	G0667	Dr. Debasis Das	CSIS	Goa	Design of the Vehicular Communications and Networks for Smart Cities	15.12.2016	14.12.2018	200000
33	G0674	Dr. Vivek Rangarajan	Chem. Engg.	Goa	Formulation and Characterization of Biosurfactant based Green Emulsion System for Cosmetic and Enhanced Oil Recovery (EOR) Applications	04.03.2017	03.03.2019	200000
34	G0663	Dr. Sudeep Baudha	EEE	Goa	Development of Broadband Antenna for High Efficiency Applications	22.03.2017	21.03.2019	200000
35	G0666	Dr. Ruma Ghosh	EEE	Goa	Determination of Selectivity and Development of Interfacing Circuitries of Smart Sensors for Biomedical Applications	22.03.2017	21.03.2019	200000
36	G0633	Dr. Shashidhara Kotian	EEE	Goa	Stability Analysis of Wind Power Integrated Power Systems	22.03.2017	21.03.2018	100000
37	G0681	Dr. Pradeep Kumar Sow	Chem. Engg.	Goa	Nano composite Materials for Low Voltage Alteration of the Surface Wettability	28.06.2017	27.06.2019	200000
38	G0228	Dr. Kiran D. Mali	Mech. Engg.	Goa	Experimental and Computational Study of the Free Transverse Vibration Behaviour of Perforated Cantilever Steel Beam	06.07.2017	05.07.2019	200000

S.No.	PSRN	Name	Deptt.	Campus	RIG Title	Date of Sanction	Project End date	San. in (Rs.)
39	G0683	Dr. Sandeep Jose	Mech. Engg.	Goa	Study on Buckle Wave Propagation in Axially Compressed Cylindrical Shells considering the Effect of Geometric Imperfections	18.07.2017	17.07.2019	200000
40	G0693	Dr. Richa Singhal	Chem. Engg.	Goa	Electrospun metal-carbon nanofiber composites for high-performance supercapacitors	28.07.2017	27.07.2019	200000
41		Dr. Neethu Robinson	EEE	Goa	Brain computer Interfaces for cognitive workload monitoring and enhancement	13.10.2015	12.10.2017	200000
42	G0646	Dr. Rajagopal Vellingiri	Chem. Engg.	Goa	Mathematical modeling of droplet dynamics under the influence of external forces and substrate heterogeneities	23.12.2015	22.12.2017	200000
43	G0627	Dr. Gaurav Singh	Mech. Engg.	Goa	Numerical and experimental study of the role of friction coefficient and crack inclination in compressive fracture	08.02.2016	07.02.2018	200000
44	G0645	Dr. Dhanya Ram V.	Chem. Engg.	Goa	Development of fundamental frame work for the controlled production of encapsulation material like geopolymer using advanced controllers	04.07.2016	03.07.2018	200000
45	H0284	Dr. Swati Alok	Eco. Fin.	Hyd	An examination of conflict style preference in India	13.08.2016	12.08.2018	200000
46	H0292	Dr. Nitin Kotkunde	Mech. Engg.	Hyd	Experimental and Numerical study of spring back in bending process for austenitic stainless steel(ASS) 3016	27.10.2016	26.10.2018	200000
47	H0547	Dr. Suvadip Batabyal	CSIS	Hyd	Investigation performance of mobile opportunistic network based transport layer protocols for medical image file transfer	29.10.2016	28.10.2018	200000
48	H0503	Dr. Surya Shankar Dan	EEE	Hyd	Investigation of the physics governing the	27.02.2016	26.02.2018	200000

S.No.	PSRN	Name	Deptt.	Campus	RIG Title	Date of Sanction	Project End date	San. in (Rs.)
					performance of fully deplited silicon - On-insulator (FDSOI) thin film Asysmmetric double gate(DG) Nano-scale metal oxide semiconductor field effect transistor (MOSFET) Devices			
49	H0417	Dr. Runa Kumari	EEE	Hyd	Reconfigurable Dielectric Resonator antenna f or wireless applications	27.02.2016	26.02.2018	200000
50	H0471	Dr. Mohan SC	Civil Engg.	Hyd	A Comparative study on seismic analysis of earthquake resisiting structures	24.12.2016	23.12.2018	200000
51	H0161	Dr. Kurra Suresh	Mech. Engg.	Hyd	Experimental and numerical studie on part quality incremental forming at elevated temperatures	11.01.2017	10.01.2019	200000
52	H0429	Dr. Archana Srivastava	Eco. Fin.	Hyd	Role of informal institute for small and micro enterpreneurs an empirical assessment	10.02.2017	09.02.2019	182000
53	H0545	Prof. Vijaya Bhaskar Marishetty	Eco. Fin.	Hyd	Can accounting and finance skills improve small scale farmers operating efficiency	06.05.2017	05.05.2019	200000
54	H0488	Prof. Sanket Goel	EEE	Hyd	3D printed microfluidic enzymatic biofuel cell (3DP-MMFC) for energy harvesting glucose sensing	24.05.2017	23.05.2019	200000
55	H0563	Dr. Shaikshavali Chitraganti	EEE	Hyd	Modeling and control of fault tolerant control systems with state-dependent failures	04.07.2017	03.07.2019	200000
56	H0564	Dr. Vivek Sharma	Bio. Sc.	Hyd	Screening for long non coding RNAs(Inc RNAs) expression changes in microglia cells during Japanese Encephalitis (JE)	04.07.2017	03.07.2019	200000
57	H0469	Dr. Sumit Kumar Chatterjee	EEE	Hyd	Development of low power motion estimation architecture for high efficiency video coding	19.07.2017	18.07.2019	200000

S.No.	PSRN	Name	Deptt.	Campus	RIG Title	Date of Sanction	Project End date	San. in (Rs.)
58	H0565	Dr. Trinath Jamma	Bio. Sc.	Hyd	Regulatory role of hepatic bile acids in intestinal immune-homeostasis	19.07.2017	18.07.2019	200000
59	H0537	Dr. Pavan Kumar Penumakala	Mech. Engg.	Hyd	Investigating the effect of linear shrinkage and contraction on hot cracks during the solidification of metal alloys	19.07.2017	18.07.2019	200000
60	H0477	Dr. Arkamitra Kar	Civil Engg.	Hyd	Evaluation of the behavior of reinforced concrete with alkali activated binders	exposed to severely high tempera-tures	04.09.2015	03.09.2017
61	H0476	Dr. Anasua Guharay	Civil Engg.	Hyd	Effect of variation of soil parameters on performance of stone column improved ground: a probalilistic risk factor based approach	04.09.2015	03.09.2017	200000
62	H0481	Dr. Sridhar Raju	Civil Engg.	Hyd	Half warm bituminous mixture using polymer modified bitumen emulsions	04.09.2015	03.09.2017	200000
63	H0470	Dr. Satish Kumar Dubey	Mech. Engg.	Hyd	Deveopment of coupled numerical heart transer model for prediction of three dimensional billet temperature with growing oxide in reheat furnace	03.10.2015	02.10.2017	200000
64	H0486	Dr. Supradeepan	Mech. Engg.	Hyd	Characterization and analsis of flow over two tandem cylinders for different gaps at low Reynolds number	20.10.2015	19.10.2017	200000
65	H0473	Dr. Sharan Gopal	Maths	Hyd	Periodic points of solenoidal auto morphisms	20.10.2015	19.10.2017	200000
66	H0490	Dr. R. Sujith	Mech. Engg.	Hyd	Synthesis of ceramic foams for hydrogen storage applications	20.10.2015	19.10.2017	200000
67	H0499	Dr. N.Anil	Maths	Hyd	Adjoint based adaptation in meshfree methods	14.11.2015	13.11.2017	200000
68	H0479	Dr. Souvik Kundu	EEE	Hyd	High performance cost-effective lead free ferroclectric/semicond	14.11.2015	13.11.2017	200000

S.No.	PSRN	Name	Deptt.	Campus	RIG Title	Date of Sanction	Project End date	San. in (Rs.)
					uctor heterojtion solar cells			
69	H0475	Soumya J	EEE	Hyd	Strategies for Thermal-aware applications-specific and reconfigurable networks on chip design	27.02.2016	26.02.2018	200000
70	H0483	Dr. Arshad Javed	Mech. Engg.	Hyd	Investigation of performance for topologically optimized planner manipulator link	26.07.2016	25.07.2018	200000
71	1206	Dr. Nishant H. Pandya	Chem. Engg.	Dubai	Development of computer Aided product Design Tool for Mixtures	13.10.2016	13.10.2018	16000
72	1223	Dr. Priyank Upadhyaya	Mech. Engg.	Dubai	Design and Analysis of Magnesium based Syntactic Foams for Military Vehicle Applications	23.03.2017	23.03.2019	20000
73	1200	Dr. Vishal Gangadhar Naranje	Mech. Engg.	Dubai	Automated Design Advisory System For Non AXI Symmetric Deep Drone Sheet Metal Parts	15.03.2016	15.03.2018	19700

3.   Additional Competitive Grant (Academic Year 2016-17)

S. No	PSRN	Principal Investigator	Project Title	Deptt	Campus	Project Start Date	Project End Date	Sanctioned Amount (Rs. in Lakhs)
1	P3398	Dr. Sumanta Pasari	Interseismic coupling and asperity distribution in Norhtwest Himalaya	Maths	Pilani	01.04.2017	01.04.2019	8.95
2	P2095	Dr. Priya Sande	Particle Image Velocimetry studies on a bench scale cold flow fluidized catalytic cracking (FCC) riser unit	Chem. Engg.	Pilani	01.04.2017	01.04.2019	10
3	P2354	Dr. Nitin Chaturvedi	Design of Non asynchronous SRAM cell for hybrid catche archetecture using CMOS-	EEE & I	Pilani	01.04.2017	01.04.2019	5.25

S. No	PSRN	Principal Investigator	Project Title	Deptt	Campus	Project Start Date	Project End Date	Sanctioned Amount (Rs. in Lakhs)
			FDSOR/FinFET technology					
4	P2334	Dr. G. Muthukumar	Investigation of ductile characteristics of high strength concrete beams reinforced with high strength steel and basalt fibre under elevated temperature conditions	Civil Engg.	Pilani	01.04.2017	01.04.2019	9.75
5	P2438	Dr Girish Kant	An investigation of energy consumption of machine tools	Mech. Engg.	Pilani	01.04.2017	01.04.2019	9.65
6	P3384	Dr. Srinivas appari	Dual Catalytic monolith reactor for biogas reforming	Chem. Engg.	Pilani	01.04.2017	01.04.2019	8.25
7	H0285	Dr. Chandu Parimi	Development of a new Finite Element Paradigm based on Delaunay meshing of point clouds	Civil Engg.	Hyd	02.03.2016	28.02.2018	9.5
8	H0289	Dr. Tathagatha Ray	Mesh generation and related problems	CSIS	Hyd	02.03.2016	28.02.2018	9
9	H0476	Dr. Anasua GuhaRay	Performance of Building Derived Materials on Bearing Capacity of Soft Soil under Static Loading conditions	Civil Engg.	Hyd	02.03.2016	28.02.2018	9.2
10	H0499	Dr. Nemili Anil	Development and application of an accurate and robust discrete ad joing approach for meshfree methods	Maths	Hyd	02.03.2016	28.02.2018	8.5

4.   SEED Grant Scheme

Introduction

The Seed Grant scheme of Birla Institute of Technology and Science, Pilani 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. An interim review of the policy will be performed.

Objectives

- To aid a faculty to start a research program that has the potential to sustain by attracting funds from external agencies.

- To test a novel idea and to generate preliminary results before submitting proposals to external agencies.

- To promote inter-faculty collaboration in emerging areas.

- To promote generation of IPR and product/process development.

- To attract and retain talent.

Awards

- Grants shall be awarded with a maximum value of Rs.20 Lakhs.

- The duration of the Grant will be 2 years. It could be extended by another year after a complete review of the outcomes.

Eligibility

- Any faculty member of BITS holding a PhD degree with a proven track record of quality research and employed in BITS for at least one semester.

- Any group consisting of faculty of BITS and collaborators from other institutes who shall provide an undertaking that they will submit a proposal for an externally funded program with the same proposers during or within 6 months of the completion of the seed funded project. External collaborator cannot be Co-PI in the seed grant. However, where required, letters from such collaborators may be attached in the proposal with commitment (such as facility use) clearly specified. They should also demonstrate that they do not have funding from external agencies for their proposed research.

- Any group comprising BITS faculty, PhD scholars, undergraduates, and post- doctoral fellows belonging to BITS with the principal investigator (PI) being a BITS faculty with PhD. Only BITS faculty can be PI. Participation by students of any category is encouraged but they may be only named as personnel in the project.

- At any time, a PI can submit only one application. However, he/she can be a co- investigator in more than one proposal.

- The PI at the time of submission of application shall not have a running project funded by the seed-funding scheme in which he or she is the PI.

- However, to encourage younger faculty members, proposal from faculty members having/completed any major project of Rs 10.0 lakhs or more will not be considered.

- Faculty members having Research Initiation Grant are eligible to apply

Application Process

- The call for proposals may limit research funding to a few strategic areas.
- Pre-proposals should be submitted for short-listing.

- The short-listed applicants will be asked to submit a full proposal of maximum 7 pages including figures and references.
- The full proposals will be reviewed by a selection committee. The PI will be invited to make a presentation before the selection committee. (Refer to evaluation process)
- Decision on the grant award will be announced.

Submission

Proposals will be invited maximum twice in a year. A decision will be made within 10 weeks of the submission deadline of the application.

Selection Criteria

- Innovative interdisciplinary research
- Team of faculty members whose expertise is complimentary.
- Promise of sustainable research and development attracting external funds.
- Budget matches the claimed outcomes.

Potential to generate intellectual property. (Including product and process development)

Evaluation: The total evaluation process will follow a two stage scheme :-

Stage 1:

- Pre-proposals will be evaluated by a rating scheme which considers each of the selection criteria. Additional points will be awarded for the following cases:
- The proposal is from a new faculty

The proposal is linked with PhD program of students.

The selection committee would comprise a core of three or more internal faculty members. The committee would also take inputs from all those PIs who have submitted the pre-proposals.

Stage 2:

- The PIs of the shortlisted pre-proposals will be asked to submit a full proposal.
- The selection committee would comprise a core of three or more internal (or external) faculty members/experts who may seek inputs from internal and/or external reviewers (as required).
- The full proposal will be rated for intellectual merit and its broader impact.
- The selection committee may if required, discuss proposals with R&C Division, and may seek further information from the PI before making a final decision.
- The proposal evaluation will consider the alignment of the budget with the deliverables.

The committee may suggest that two or more proposals be combined if the committee deems it advantageous, and may award an amount greater than Rs.20 Lakhs.

Conditions

- The decision of the selection committee will be conveyed to the PI who will be the contact person for all administrative matters regarding the project.
- The PI is responsible for the conduct of the research in accordance with the institute research policy.
- Procurement, utilization and maintenance of equipment will be as per institute policy
- The funds have to be utilized within the stipulated period.
- The grant money has to be utilized in accordance with the approved budget.

- The PI should submit a progress report every six months in the prescribed format for evaluation by the committee mandated to monitor individual projects. In case it is found that proper efforts are not being made further release of funding may cease.

- The PI will also be required to report progress or outcomes at the end of one year after the termination of the seed grant, including grants received and publication/IPR arising out of the seed grant.

- In any research communication arising out of the funded project, the contribution of the institute should be duly acknowledged.

- In case PI leaves the institute before the completion of project, a co-investigator from BITS will assume responsibility as PI. No collaborator from another institution can become PI under this condition.

Expected Deliverable :

- Externally funded projects should be generated as outcome of seed grant scheme.

- Publication in peer-reviewed journals/intellectual property generation including product/ process development would be expected as outcomes of the project. Further, it is understood that any IP emerging out of research funded by BITS will be owned by BITS. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by BITS with the inventors.

Details of SEED Grant Sanctioned to BITS Pilani, Dubai Campus

S.No.	PSRN	Campus	Faculty Name	Discipline	Research Title	Grant Sanction Date	Amount (In Aed)	Duration
1	1212	Dubai	Dr. Vincent Shantha Kumar (Pi)	Mechanical	Bio-Tribo Corrosion Evaluation Of Ti Based Bulk Metalik Glass/Hydroxyapitite Composites For Bio-Implant Application	31.01.2017	90000	3 Years
2	1110	Dubai	Dr. Ram Karthikeyan (Pi)	Mechanical	Design And Development Of Closed Loop Control System To Improve The Provess Capability Of Incremental Sheet Metal Forming	31.01.2017	90000	3 Years
3	1159	Dubai	Dr. S. Ramachandran (Pi)	Bio-Technology	Optimization Of Selected High Yield Grass Species For Biomass And Bio Energy Applicaton Using Saline And Recycled Wastewater.	31.01.2017	125000	3 Years

B 3.2) Details regarding Major projects

Pilani Campus

Completed, Ongoing, Sanctioned, Submitted Projects

Completed Projects (Pilani Campus):

#	Project Title	Principal Investigator	Sanctioned Amount	Agency
1	Design of synthetically tunable azino-fused chromene conjugates as potential organogelators	Dr Rajeev Sakhuja	24.7	DST
2	Synthesis and characterization of Metal Oxide Core- (Metal) shell nanoparticles in quantum dot region and their applicaton in electrocatalysis	Dr Surojit Pande	24.93	DST
3	Exploration of novel ionic liquid-supported sulfonyl reagents for organic synthesis	Dr Anil kumar	12.76	CSIR
4	Design and Development of opinion mining framework	Yash Sharma	13.26	DST
5	International Malaria Research Consortium for the Development of Novel Classes of Antimalarials	Dr R Mahesh	21.86	DBT Indo Canada
6	Development and Usage of Innovative Ductile Composite Materials for Repair and Retrofitting of Concrete and Masonry Structures	Dr S B Singh	25.93	DST
7	Dark energy modeling of cosmic acceleration with observational constraint in Eintein gravity and modified theories	Dr Suresh Kumar	14.16	DST
8	Removal of Heavy metals from industrial wastewater using metallic nanoparticales as absorbents	Dr Suresh Gupta	21.47	DST
9	production of hydrogen rich fuel gas from Jatropha residue cake	Pratik Seth	24.9	DST
10	Evaluation and enhancement of foam stability of eathonol based aqueous foam using commercial surfactant sodium lauryl sulfate	Pradipta Chattopadhyaya	25	DST
11	A Mechanistic analysis of the role of pro-inflammatory cytokines in induction of epithelial to mesenchymal transition in hepatocellular carcinoma	Dr Sudeshna Mukherjee	16.8	DST
12	Molecular studies on extracellular biosynthesis of metal nanoparticles	Dr Jitendra Panwar	50.14	DST
13	The Study of post-reionization HI distribution using the redshifted signal and Ly forest towards understanding cosmic accelation	Dr Tapomoy Guha sarkar	10.38	DST

#	Project Title	Principal Investigator	Sanctioned Amount	Agency
14	Preparation and characterization of thin films of electrochromic conducting polymer and fabrication of prototype smart pixel displays	Dr. S Sindhu	14.1	CSIR
15	Study of Laser interaction with atomic clusters and preformed plasma	Dr. Amol Hulkundar	15	DST
16	Study of native chemical ligation at tryptophan and aspergine sites and its application in peptide synthesis	Dr. Kiran Bajaj	31.3	DST
17	Esculetin a Therapeutic Intervention Targeted at Cardio-Renal Syndrome in Type-2 Diabetes	Dr Anil Bhanudas	39.66	DST
18	Study of Structural Response and Strengths of Thin-Walled FRP Composite Girders	Dr. S.B. Singh	14.32	CSIR

Ongoing Projects (Pilani Campus):

#	Project Title	Principal Investigator	Sanctioned Amount	Agency
1.	Competition between charge transfer and proton transfer processes in some newly designed schiff bases: spectroscopic and theoritical investigations in condensed phase	Dr Shamik Chakrabarty	24.98	DST
2.	Design and Synthesis of Heavy metal based aggregation induced emission active complexes and their application in Bio-imaging	Dr Inamur Rehman lashkar	34.9	DST
3.	Screening Decoration of Co-catalyst on the Ultrathin 2D Sheets of Metal Chalcogenides and their application in Photo electrochemical Water Splitting	Dr. Mrinmoyee Basu	35	DST-INSPIRE
4.	Decoration of Plasmic nanoparticles on Ultrathin 2D Nanostructure of Metal Chalcogenides and their application in photoelectrochemical water splitting and photocatalysis	Dr. Mrinmoyee Basu	19.82	DST-FT
5.	Investigation of Unfolding and refolding of protiens by Gemini surfactants with varying spacer groups using fluorescence spectroscopy and small angle neutron scattering technique	Dr. Subit Saha	3.45	UGC-DAE
6.	Effect of Chemical nature of spacer group, headgroups and counterions of gemini surgactants on solvation dynamics and totational relaxation of coumatins in aqueous micelles	Dr. Subit Saha	9.28	CSIR

#	Project Title	Principal Investigator	Sanctioned Amount	Agency
7.	Multi-agent based indoor exploration with miniature robots	Dr Sudeep Mohan	20	CAIR (DRDO)
8.	Role of histone ubiquitination & angiotensin converting enzyme-2 in the development renal fibrosis under type 1 diabetic condition	Dr Anil Bhanudas	19.36	CSIR
9.	Development of Botanical based Novel formulation with Mosquito Larvicidal action for indian population	Dr. Paul Atish	12.19	DST
10.	Nano-formulation of Lysofyline-fatty acid conjugate for effective treatment of diabetes	Dr. Anupama Mittal	26.9	DST
11.	Combination delivery of small molecules and microRNA for treatment of locally advanced and metastatic breast cancer	Dr. Deepak Chitkara	27.2	DST
12.	Exploring the Antiobesity potential of selected ayurvedic medicinal plants using pancreatic lipase inhibition assay and synergy guided fractionation	Dr. Paul Atish	27.3	DST
13.	Development of Novel Processes for Increasing the Content of Sennoside-B from Senna	Dr. Sunil K Dubey	18	Shashi Phytochemicals
14.	Development of Copper Bio-Leaching Methodology/Technique from Low Grade Ore at Hindustan Copper Limited,	Dr. Anupam singhal	30.38	Ministry of mines
15.	Effect of partial replacement of cement with marble slurry on conrete	Dr Anshuman	28.38	DST
16.	Dynamic buckling analysis of composite structures	Dr S N Patel	9.33	CSIR
17.	Costs and remediatin of Groundwater contamination in India	Dr. Rajiv Gupta	100	University of Virginia
18.	Experimental Investigation on CO2 based refrigeration system in Trans-critical cycle	Dr. M.S.Dasgupta	27.5	DST
19.	Joint IndoGerman Experience lab	Dr. K S Sangwan	341	DAAD
20.	Studies in Laboratory Scale oxygen fired fluidized bed based on co-firing rice husk with coal	Dr Ravi Inder Singh	31.13	DST

#	Project Title	Principal Investigator	Sanctioned Amount	Agency
21.	Modeling Immune Response to Salmonella during Typhoid	Dr. Amol Marathe	34.06	DST
22.	Modeling of cardio vascular flows and influence of magnetic field on circulation	Dr Ashish Tiwari	11.63	DST
23.	Flow through a membrane modeled of Porous cylindrical particles using particle-in-cell approach	Dr Ashish Tiwari	12.86	DST (Indo-Russia)
24.	Mathematical modeling and analysis of the dynamics of diabetes mellitus in indian population and control measures	Dr. Padma Murali	8.78	CSIR
25.	Design and Development of an Efficient Soft-switching converter with adaptive maximum power point tracking (MPPT) controller for a standalone photovoltaic power generation system	Dr Rajneesh Kumar	29.39	MNRE
26.	Development of Tio2 nanotube based highly selective capacitive type sensor device for the detection of methanol poisning in alcoholic beverage	Dr. Arnab Hazre	27.76	DST
27.	Mutant-p53 gain-of-function: its role in regulating long non-coding RNA (lncRNA) Expression and associated chemo-resistance in human cancer cells	Dr. Rajdeep Chowdhury	25	DBT
28.	Characterization of major components of [Fe-S] cluster assembly pathway in plasmodium vivax	Dr Shilpi Garg	25.56	DST
29.	Removal of toxic metal ions from industrial discharges using microalgae	Dr. Prakash	38.9	DST
30.	Time-resolved Spectroscopy of Fluorescent Molecules in Micellar Systems	Dr Navin Singh	18.65	DST

Sanctioned Projects (Pilani Campus):

#	Project Title	Principal Investigator	Amount Sanctioned	Sponsoring Agency
1	Design of Health care supply chain for enhancing availability and reducing wastage of generic medicines for rural areas in Rajasthan	Dr. Srikanta Routroy	588,600	DST Rajasthan
2	Cyclic RGD modified lipopolymeric micelles for targeted delivery of tamoxifen in ER+Breast cancer	Dr. Anupama Mittal	1,253,600	DST Rajasthan
3	Investigating the Role of Aryl Hydrocarbon Receptors in medicating the Anti-Cancer Properties associated to camel milk	Dr. Uma Dubey	743,200	DST Rajasthan
4	Investigations on Li+ ion conducting glass-ceramic containing NASICON structured nano crystallites	Dr. Anshuman Dalvi	3,765,025	DST
5	Conjunctive use of Rainwater and Ground water to provide safe drinking water with intervention of advanced technology	Dr. Rajiv Gupta	12,643,000	DST
6	Financial Inclusion	Dr Arun Vaish	18,000,000	HCL
7	Study of Observational Constraints on dark energy models of universe using COSMOMC in HPC systems	Dr. Suresh Kumar	2,629,027	DST
8	Synthesis of novel N-fused polycyclic compounds through transition metal catalyzed cascade/C–H functionalization reactions" to Dr. Anil Kumar, Department of Chemistry	Dr. Anil Kumar	3,284,600	DST
9	Soft Computing framework based Integrated Multi Sensor Array for Water Quality Assessment: Targeting fluoride as major parameter	Dr. K.K.Gupta	3,870,000	DST
10	Developing suitable pedagogical methods for various classes, intellectual calibres and resaerch in e-learning	Dr. A.K.Sarkar	4,900,000	IIT Kharagpur
11	Development of Surface Plasmon Resonance Instrument with a novel optical design	Dr. R. K. Gupta	5,614,919	DST
12	Hydrogen production from ethanol by low temperature reforming methods using modified Ni-Sn/Al2O3 and Ni-Sn/CeO2 Catalysts	Dr. Banasri Roy	1,902,690	DST

#	Project Title	Principal Investigator	Amount Sanctioned	Sponsoring Agency
13	Introducing Cyno Bacterial bicarbonate transporters in C3 plants in enhanced photosynthetic performance	Dr. Sandhya Mehrotra	3,772,560	DST
14	Development of nutraceutical nanoemulsion based health drink of food bioactives	Dr Anil Jindal	510,000	Ananta Medicare Limited
15	Exploring the synergism of PPAR-Y agonist and HDAC inhibitor for reversal of Alzheimers type of dementia and developing their brain targeted nano-carrier system for effective treatment	Dr. Rajeev Taliyan	3,213,820	DST-Nanomission
16	Evaluation of Antitumor efficacy and pharmacokinetics of polymeric nanoparticle formulation targeted to cancer stem cells	Dr. Aniruddha Roy	3,220,012	DST
17	Studies on Quarkonium suppression in Asymmetric Nuclear Collision at LHC	Dr. Madhukar Mishra	1,585,153	DST
18	"Investigating Dynamical and Topological Properties of Fioquet Systems: A Comparative study of perturbative Schemes	Dr. Jayendra Bandyopadhyay	1,621,840	DST
19	"Generation and Characterization of Attosecond Pulses with Specific Polarization and its Applications"	Dr. Amol Holkundkar	1,654,291	DST
20	"Theoretical Study of Electron impact double ionization of atoms and molecules"	Dr. Rakesh Choubisa	2,044,113	DST
21	"Probing the Nature of Intermolecular X–H...Se (X = O and N) Hydrogen Bonding Interactions using Matrix Isolation Infrared Spectroscopy"	Dr. Shamik Chakraborty	7,354,600	DST
22	Asymmetric synthesis of [2.2.2] azabicyclo-isoquinuclidine derivatives: Towards the synthesis of related alkaloids	Dr. Indresh Kumar	4,329,600	DST
23	Study on Electronic Transport Behaviour of Carbon nanotube based field effect transistors (CNTFETs)	Dr. Navneet Gupta	2,049,000	DRDO
24	Participatory Exclusion of women and the poor in community Forestry: A Comparative Study of Implementation of the ROFR Act across 3 states of India	Dr. Sailaja Nandigama	700,000	ICSSR

#	Project Title	Principal Investigator	Amount Sanctioned	Sponsoring Agency
25	Nanotechnology based pharmaceutical, nutraceuticals and cosmetics-development of platform technology	Dr. Deepak Chitkara	2,137,800	Incisive Elements USA
26	Synthesis and tubulin inhibition activity studies of novel indolyl heterocycles	Dr. Dalip Kumar	2,236,000	CSIR
27	Mathematics aided Architectural Design layouts	Dr. Krishnendra Shekhawat	1,544,660	DST
28	Studying Catalytic carbonylation of polyols-Sustainable Route to Carboxylic Acids from Renewable Platforms	Dr. Bibhas Ranjan Sarkar	3,229,600	DST-SERB
29	In Vivo-In Vitro study design: cardio-reno protective effect of herbal extract (Red spinach extract) in hypertensive rats: Role of NO/cGMP Pathway	Dr. Rajeev Taliyan and Dr. Sunil Kumar Dubey	800,000	Etica Clinpharma
30	Synthesis of D-glucose derived glycoconjugates and their application in molecular recognition and catalysis	Dr. Ajay Kumar Sah	3,009,600	SERB

Submitted Projects (Pilani Campus)

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
1	Increasing Employability with Soft Skills for Technical Graduates: An Empirical study from Academia Industry Perspective in the State of Rajasthan	Prof G.S. Chauhan	1100000	DST Rajasthan
2	Actively targeted Nano-formulations for co-delivery of a Taxane and antioxidant molecule, alpha lipoic acid for treating breast cancer.	Dr. Deepak Chitkara	1896000	DST Rajasthan
3	System Reliability and Efficient Charging of Electric Vehicles using Battery Energy Storage System	Prof Hari Om Bansal	3700000	IC-IMPACT (India-Canada Joint Project)
4	Neuropharmacological Investigations on the role of Neurokinin (NK)-2 Receptor Antagonists in the Management of Depression and Anxiety Disorders: Special Emphasis on Inflammatory Signaling Cascade	Prof R Mahesh	3083102	CSIR

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
5	Center for study of Nanomaterials incorporated Liquid Crystals	Prof R K Gupta	4700000	Indo-US Science and Tech. Forum
6	Design, Synthesis and tubulin inhibition activity studies of novel indolyl	Dr. Dalip Kumar	2085300	CSIR
7	Umbilical Cord mesenchymal stem cells derived exosomes as biogenic nanocarriers of miRNA and chemotherapeutic drug for reversal of chemoresistance in breast cancer	Dr. Anupama Mittal	6461400	DST-Nanomission
8	Novel Azaheterocycle- annulated Porphyrins and Porphyrin conjugates: Synthesis and Photocytotoxicity Evaluation	Dr. Dalip Kumar	550000	DST-Indo Japan Joint Research
9	Potentiating Chemotherapy of Doxorubicin-conjugate loaded bioinspired, Lipid ligated hybrid nanovesicles in pancreatic cancer by suppressing collagen synthesis	Dr. Anupama Mittal	2985300	DBT-Nonotechnology
10	Peptide-decorated pH-sensitive nano-conjugate hybrid micelles for co-delivery of temozolamide and an autophagy inducer, rapamycin, for treatment of glioblastoma multiforme	Dr. Deepak Chitkara	3927050	DBT-Nonotechnology
11	Capacity building of Indian SME Sector through a change in CSR Policy framework of related large Firms	Dr. Praveen Goyal	1524350	ICSSR
12	Impact of Nano pollutants (Nano Metal Oxides) from vehicular exhausts on epigenetic mechanisms in the development of respiratory and cardiovascular diseases	Dr. Anil Gaikwad	3449600	DBT-Nanotechnology
13	An Exploratory Study of Environmental Documentaries and Measuring their impact on the Environmental Sensability of School children	Dr. Sushila Shekhawat	1319675	ICSSR
14	Actively Targeted amphotericin B co-loaded miRNA nano-plexes for treatment of visceral leishmaniasis	Dr. Vijay Kumar Prajapati	5080000	DBT Nanotechnology
15	Evaluation of fertilizer potential of ZnO nanoparticles using transcriptomic studies in tomato plant	Dr. Jitendra Panwar	7160000	DBT Nanotechnology

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
16	Design of Temozolomide and Curcumin loaded Lipid-Based Liquid Crystalline Fluorescent Nanoparticles for Brain Cancer Theranostics	Dr. Gautam Singhvi	2686000	DST SERB
17	Development of low cost water purification system using pervious concrete interlocking blocks for individual household	Dr. Bahurudeen A	2007500	DST SERB
18	Crustal Deformation Study in the Northwest Himalaya: An Integrated approach using GPS Observations and Stochastic Modeling of Earthquakes	Dr. Sumanta Pasari	3343200	DST SERB
19	Role of neprilysin in the development of cardiovascular and renal complications associated with type 1 diabetes	Dr. Gaikwad Anil Bhanudas	4211530	DST
20	Experimental and theoretical investiation of photo-degradation of toxic organic dyes using dye-sensitized semiconductor photocatalyst	Dr. Shamik Chakraborty	3486000	BRNS
21	Design, Synthesis and Pharmacological evaluation of Chiral tetracyclic benzoazepine/benzodiazepine heterocycles as modulators for anxiety, depression and Psychotic Disorder Pathology	Dr. Indresh Kumar	4949000	DST
22	Design, Synthesis and Pharmacological Investigation of Novel Adenosine A2A Receptor Antagonists for the Treatment of Parkinson's Disease	Dr. R Mahesh	9928275	DST
23	Identification of Novel FTsZ (V. cholerae) inhibitors: Design, Synthesis and biological evaluation studies	Dr. Daliip kUmar	4974200	DST
24	Development of Solid Lipid nanoparticles for co-delivery of Doxycycline Hydrochloride-Ofloxacin and Doxycycline hydrochloride-Berberine for management of brucellosis in live stocks	Dr. Anil Jindal	1271550	DST-Rajasthan

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
25	Socio-Cultural aspect of the Gender-based Violence against Women and Impact of Intervention Strategies	Prof. Sangeeta Sharma	1357000	ICSSR
26	Gender Dynamics in academia: Examining Lucite ceiling using capability framework in Science & Technology	Dr. Tanu Shukla	1333220	ICSSR
27	Effect of Ejector geometry on CO2 based chiller performance in warm climate-Experimental and numerical investigation	Prof. M.S. Dasgupta	7419000	DST (INDO-ITALIAN Joint Project)
28	Studying catalytic carbonylation of polyols- Sustainable route to carboxylic acids from Renewable platforms	Dr. Bibhas Ranjan Sarkar	3036000	DST
29	Electro-optical response of Nematic Liquid Crystals doped with nanorods	Dr. V. Majula Devi	3559600	DST
30	Design and Synthesis of Azaphenothiazine appended Multi-functional Materials	Dr. Rajeev Sakhuja	3500000	DST
31	Exploring In Vitro and In Vivo Potential of Aptamer-anchored Temozolamide Conjugated miRNA Nano-Plexes for Targeting Glioblastoma Cancer Stem Cells	Dr. Deepak Chitkarq	3996000	DBT IYBA
32	Understanding hyperglycemia induced alterations in non-coding RNA expression pattern and post-translational histone protein modifications contributing to drug resistance and progression of pancreatic cancer	Dr. Rajdeep Chowdhury	3596000	DST
33	Studying catalytic carbonylation of polyols -Sustainable route to carboxylic acids from Renewable Platforms	Dr. Bhibhas Ranjan Sarkar	3036000	DST
34	Synthesis of D-glucose derived glycoconjugates and their application in molecular recognition and catalysis	Dr. Ajay Kumar Sah	3647000	DST
35	Development of Diminazene Aceturate loaded Nanoparticulate delivery system for the treatment of Diabetic Nephropathy	Dr. Anil Jindal	2896000	DST

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
36	Exploring the Role of Endocrine Disrupting Chemicals (EDCs) during pregnancy and Its Relation to Antenatal and Perinatal Events	Dr. Garima Kachhawa	6568138	DBT GLUE Grant
37	Integration of PSA, PCM and PCM-T in Designing the Building for Composite Climate	Dr. Rajiv Gupta	8462700	DST
38	Design and Development of an Autonomous Integrated Test System for Comprehensive Condition Evaluation of Pavements & Bridge Decks	Dr. Amit Goel	13258800	DST
39	Crystal Engineering of Imine and Amide based Coordination Polymers and Analyzing their Photophysical Properties	Dr. Madhushree Sarkar	4500000	DST
40	Development of Low cost, High Strength and Fire resistant instant concrete housing	Dr. Bahurudeen A.	3581800	DST
41	Development of Deep learning based Prototype System for Crowd Management	Dr. Dheerendra singh	3194000	DST
42	Synthesis, Evaluation and Molecular Modeling studies of Indole-based derivatives as potent pancreatic lipase inhibitor for treatment of obesity	Dr. Paul Atish Tulshiram	3250800	Ministry of Earth Sciences
43	Development of earthquake resistant structures using sustainable materials	Dr. Dipendu Bhunia	4473000	DST
44	Design and Development of Ultra Wideband Microwave Imaging Antennas for Breast Cancer Detection	Dr. Navneet Gupta	2791200	DST
45	Design and Synthesis of Azaphenothiazine appended Multi-functional Materials	Dr. Rajeev Sakhuja	3500000	DST
46	Asymmetric synthesis 0f [2.2.2] azabicycle-isoquinuclidine derivatives: Towards the synthesis of related alkaloids	Dr. Indresh Kumar	4274600	DST
47	Controlled growth and studies of Zinc Oxide (ZnO) based nano-structures for gas sensor applications	Dr. S Gangopadhyay	2000000	DST

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
48	Development of Geopolymer Binder using Biomass Ash and Marble Waste	Dr. Vishakha S Sakhare	3178200	DST
49	Development of multiple scattering (e,2e) and (e,3e) framework and computer code for molecular and solid targets	Dr. Rakesh Chaubisa	5430000	IFCPAR/CEFIPRA
50	Development of e-waste management strategies for selected e-products in Rajasthan	Dr. M.S.Dasgupta	1836000	DST Rajasthan
51	Exploiting In situ hybrid nano drug delivery system (IHN-DDS) of antiretroval drug for simultaneous targeting to multiple viral reservoirs	Dr. Anil Jindal	3396000	SERB
52	To Study the Role of Hyperglycemia on the progression of acute kidney injury	Dr. Gaikwad Anil Bhanudas	4000000	SERb
53	Development of guggulsterone based Nano-formulation for treatment of obesity	Dr. Anil Jindal	2122000	DST-SEED
54	Mathematics-aided Architectural Design Layouts	Dr. Krishnendra Shekhawat	1687200	SERB
55	Earthquake Recurrence Characterization in the Northwest Himalaya from Geodetic Deformation and Stochastic Modelling of Regional Seismicity	Dr. Sumanta Pasari	1813200	SERB
56	Energy-Aware and Efficient, Interference-Constrained PHY Layer Policies for Green Cognitive Radio Internet of Things (G-CRIOT): Design and Performance Analysis	Dr. Sainath Bitragunta	2343200	SERB
57	Geopolymer from Ash of Agro Waste Briquettes	Dr. Rajiv Gupta	2700085	DST
58	Development of method and guidelines for non-destructive evaluation of runway layer debonding using Spectral Analysis of Surface Waves technique	Dr. Amit Goel	3400000	SERB
59	Targeting cAMP/PKA/CREB and cGMP/PKG/CREB Pathways Using Potential Novel PDE-10A Inhibitors for Treatment of Schizophrenia and Associated Cognitive Impairments	Dr. R. Mahesh	4270350	DBT

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
60	Pre-clinical evaluation of Efficacy of Standardized Formulation(s) of Trigonella foenum-graecum	Dr. Sunil Kumar Dubey	1642000	ICMR
61	Design and Synthesis of Cyclic Peptides and its mimics as anticancer agents	Dr. Kiran Bajaj	3479000	DST-SEED
62	Low Cost Models for Saving Energy in Computer Systems and Networks	Dr. K.Haribabu	1732000	DST-SEED
63	A Computational Framework for Diagnosis and Visualization of Lung Cancer	Dr. Sundaresan Raman	1415000	DST-SEED
64	Langhana therapy: Potential management option for cardiac and skeletal muscle dysfunctions under Type--2 Diabetic condition	Dr. Gaikwad Anil Bhanudas	4846000	DST
65	Influence of Teacher's Efficacy, Competence and Motivation on their Instructional Strategy: A Study of Secondary School Teachers of English in Rajasthan	Dr. Devika	534000	DST
66	Hydrogen production from sugarcane bagasse by aqueous phase reforming	Dr. Banasri Roy	4164600	Centre for Higher Technology (OIDB), NOIDA
67	Study the effectiveness of Grameen Bhandaran Yogana: A study on economic impact on small and marginal farmers	Dr. Srikanta Routroy	820000	NABARD
68	Development of Dielectric Resonator Antenna for Body Worn Applications	Dr. Praveen Kumar AV	2555400	DRDO
69	Dynamic Inferential model development for online quality monitoring and control in Petroleum Refineries using multivariate statistics and soft computing techniques	Dr. Ajay Kumar Pani	3212000	Interdisciplinary Cyber Physical Systems (ICPS) Division , DST
70	Development of Diminazene Aceturate loaded Nanoparticulate delivery system for the treatment of Diabetic Nephropathy	Dr Gaikwad Anil Bhanudas	3500000	SERB
71	Design and Implementation of coordinated multi robot systems for area coverage under constrained wireless communication	Dr. Virendra Singh Shekhwat	11422000	ICPS, DST New Delhi

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
72	Design and implementation o fcontent based reommendor system for answering web based user queries	Dr. Yashvardhan Sharma	2459600	ICPS, DST New Delhi
73	Realization of flexible and scalable VANET with multi-tenancy support using software defined Networking and Network virtualization	Dr. Ashutosh Bhatia	3980000	ICPS, DST New Delhi
74	Development of a cyber physical system based Smart water grid for community usage	Dr. Rahul Banerjee	42700000	ICPS, DST New Delhi
75	Design & implementation of Model based Frame work for addressing software related safety & security concerns of medical devices	Dr. Pankaj Vyas	1799600	ICPS, DST New Delhi
76	Application of networks, spectral graph theory and random matrix theory to understand cancer complexome	Dr. Sarika Jalan, IIT Indore	4174000	DBT
77	A Benchmarking Analysis of Public Transport Sector of Rajasthan: DEA Approach	Dr. Shivi Agarwal	924000	DST Rajasthan
78	Targeting cAMP/PKA/CREB and cGMP/PKG/CREB Pathways using Potential Novel PDE-10A Inhibitors for Treatment of Schizophrenia and Associated Cognitive Impairments	Dr. R. Mahesh	4270350	DBT
79	Dynamic inferential model development for industrial process monitoring and control using multivariate statistics and soft computing techniques	Dr. Ajay Kumar	3100000	DST SERB
80	Upscaling of TERI's 20kg/h Gas-Fired Augur Pyrolyser to 500kg/h Industrial Demonstration Unit by Performing Continuous Operation, Modeling, Simulation & Optimization Studies of the Existing Unit	Dr. Piyali Das,	14300000	MNRE
81	Usage of Foam Structure for Prediction of Dishwashing Liquid Cleaning Performance	Dr. Pradipta Chattopadhyay	3962160	DST
82	Centre for Root Level water Management System (CRLWMS)	Dr. Rajiv Gupta	79846000	DST

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
83	Development of a Dielectric Resonator based Displacement Sensor	Dr. Praveen Kumar A.V	3433900	DST
84	Fabrication of cost-effective of single-layer polymer light emitting diodes by solution process for solid state lighting applications	Dr. S. Sindhu	3720000	CSIR
85	Multifunctional Liquid Crystalline Nanoparticles Encapsulating Temozolomide and Curcumin Combination for Targeted Therapy of Glioblastoma	Dr. Gautam Singhvi	1553600	DST Rajasthan
86	Synthesis of metal complexes using D=glucose derived ligands and application of produced molecules in catalysis	Dr. Ajay Kumar Sah	2641800	CSIR
87	Transition-metal-catalyzed synthesis of fused heterocycles via C-C/C-N bond forming strategies	Dr. Rajeev Sakhuja	3339000	DST
88	Desing and Implementation of Computational Intelligence based Recommender System for Crop Selection in Rajasthan, India	Dr. Lavika Goel	14432000	DST-NRDMS
89	Digital Technology Acceptance Behavior of Organized and Unorganized Labor Workforce in Tow Districts of Rajasthan	Dr. Virendra Singh Nirban	700000	ICSSR
90	Design and Implementation of Supply chain configuration for Government Supported Generic Medicine Distribution in Odisha	Dr. Srikanta Routroy	2040000	Directorate of Medical Education & Training, Bhubaneswar
91	FIST Level I	Departmental	23400000	DST
92	Photo-degradation of toxic organic dyes using dye sensitized semiconductor photocatalyst	Dr. Shamik Chakraborty	1965000	CSIR
93	Multimodal Biometic System: Authentication and Protection of their Templates	Dr. Pawan K. Ajmera	4126800	DST-SERB
94	Dynamics Voltage and Frequency Scaling based Power Management Technique for Digital Designs	Dr. Abhijit R. Asati	3481480	DST-SERB
95	The Study of Fire Resistance of Hybrid FRP Reinforced Concrete Structures	Dr. S.B. Singh	9952800	DST-SERB

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
96	Heteroaromatics-annulated porphyrins: Design, Synthesis and Study of Optoelectronics Properties towards the Development of Photosensitizers	Dr. Dalip Kumar	2938000	DST-SERB
97	Developing a biologically inspired computational model to study the effects of Age and Hearing loss on concurrent vowel identification	Dr. Anantha Krishna Chintanpalli	2893200	DST-SERB
98	Development of GaN HEMT for detection of TBI Biomarkers	Dr.-Ing Nidhi Chaturvedi	4999800	DST-SERB
99	Stabilisation of Indian Desert Sand by Microbial Induced Calcite Precipitation	Dr. Bahurudeen A	4912000	DST-SERB
100	Rank Properties of Certain Semigroups	Dr. Jitendra Kumar	600000	DST-SERB
101	Study of molecular determinants for Artemisinin resistance in Plasmodium from Rajasthan	Dr. Shilpi Garg	1833600	DST-Rajasthan
102	Waste Management of Generated Sludge from Indian Steel and Steel Related Plants: A Sustainable Business Model	Dr. Srikanta Routroy	4648800	DST SERB
103	Substrate Supported Transition Metal Doped Alkaline Earth Clusters as Hydrogen Storage Materials and their Applications in Hydrogen Fuel Cell	Dr. Debashis Bandyopadhyay	2424000	DST-SERB
104	Study, Design and Prototype Development of Variable Rate Self Timed Energy Efficient Clock-less Analog to Digital Data-Converter	Dr. Anu Gupta	4530286	DST-SERB
105	Framework for the effective utilization of ash from biomass power plants in Maharashtra	Dr. Vishakha V Sakhare	3059980	DST-SERB
106	PPE for women labours in construction industry	Dr. Vishakha V Sakhare	2517900	MWCD
107	Nucleosomal occupancy studies of protein phosphatase 2C like promoter (AT5G59220) cloned from Arabidopsis thaliana	Dr. Rajesh Mehrotra	4267200	SERB
108	Applications of Fractional Calculus in Control Systems	Dr. Trilok Mathur	600000	SERB

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
109	Cost Optimization and Maintainability of Machining Systems	Dr. Chandra Shekhar	600000	SERB
110	Effect of Variable Viscosity on Stenosed Inclined Arterial Blood Flow with Inclined Magnetic Field	Dr. Bhupendra Kumar Sharma	600000	SERB
111	Application of Fuzzy Fata Envelopment Analysis in Healthcare Sector	Dr. Shivi Agarwal	600000	SERB
112	A Numerical Scheme for Multi-term time-fractional Singularly Perturbed wave-diffusion equation	Dr. Devendra Kumar	600000	SERB
113	Analysis of mitochondrial dynamicity post drug exposure in human glioblastoma cells and understanding its correlation with drug resistance	Dr. Sudeshna Mukherjee	3946000	SERB
114	Development of RCA controlled Bi-directional High Performance Impedance Source Inverter (HP-ZSI) for Induction Motor Drive	Dr. Dheerendra Singh	2710000	SERB
115	Investigation on cooling to solar PV cell using hybrid nanofluid to improve electrical efficiency.	Dr. Gopal Nandan, AMITY University	2741200	SERB
116	Statistical Mechanics of biopolymers in confined geometry	Dr. Navin Singh	2485080	SERB
117	Design and Development of a Framework to strengthen DNS Security with respect to the Recover Functionality and Cached Resource Records in Open flow enabled SDN Environment	Dr. Vishal Gupta	2214900	SERB
118	Mechanistic studies on the bactericidal potential of silver nanoparticles	Dr. Jitendra Panwar	4586000	SERB
119	Design, Synthesis and pharmacological evaluation of chiral tetracyclic benzoazapine/benzodiazepine hetrocycles as modulators for cognition, anxiety, depression and psychotic disorder pathology	Dr. Rajeev Taliyan	3949000	SERB
120	Design and Development of a clean forced draft cook stove using CFD	Dr. Pratik N Sheth	4795200	SERB

#	Project title	Principal investigator	Amount (Rs.)	Funding agency
	analysis for complete and efficient combustion of biomass fuel			
121	Role of Endocrine Disrupting Chemicals (EDCs) in Maternal and Child Health	Dr. Sunil Kumar Dubey	6623878	ICMR
122	Develop of Novel anti-leishmanial analogues loaded with novel nano-formuations	Dr. S. Murugesan	5664000	DBT (Indo-Spanish Call)
123	Metal-oxide Nano-composites (ZnO, SnO2, CuO) based gas sensor devices for CO and H2 detection with and enhanced selectivity	Dr. Subhashis Gangopadhyay	3960000	SERB
124	Experimental investigation of performance improvement of concentrating photo-voltaic system using geothermal cooling	Dr. M.S.Soni	3585312	SERB

Goa campus

Completed, Ongoing, Sanctioned, Submitted Projects

Completed Projects, Goa Campus

#	Title of the project	Name of Principal Investigator	Sanctioned amount of the project (Rs)	Funding Agency
1	Empowered septic tank as decentralised wastewater treatment system	Dr. M. Srikanth	6700000	BIRAC
2	Experimental investigations of rotational moulding process using nano-scale fumed silica composites	Dr. Sachin D. Waigaonkar	1584000	DST-FT
3	Development of efficient bioleaching process for the metal recovery from spent catalysts	Dr. S. S. Baral	1762600	DBT
4	Alternative splicing in signal transduction and disease: A genome wide approach	Dr. Indrani Talukdar	2000000	DST-FT
5	Searching for new physics in B-meson decay	Dr. Chandradew Sharma	1974500	BRNS

#	Title of the project	Name of Principal Investigator	Sanctioned amount of the project (Rs)	Funding Agency
6	Preparation of Magnetically Separable, Mesoporous TiO2 Catalyst and Study of their Catalytic Properties	Dr. N. N. Ghosh	1904800	CSIR
7	Magnetotransport in magnetic tunnel junctions	Dr. Ram Shankar Patel	5265000	DST
8	Development of polymer-ferrite (and/or grapheme) nanocomposites having high thermal stability and microwave absorption property for Radar Absorbing Coating Application	Dr. N. N. Ghosh	14.59	DRDO
9	Regulation of hypothalamic gonadotropin releasing hormone expression by putrescine in female rats	Dr. Arnab Banerjee	22.24	SERC
10	Development of β,β'-edge fused π-elongated donor-acceptor porphyrin possessing Near-IR optical spectra	Dr. Subhadeep Banerjee	22.6	DST-FT
11	Improving the energy efficiency of solar cells by spin caloritronics	Dr. Ethirajulu S. Kannan	22.08	DST-FT
12	Rationality, Uncertainty and cognition if financial markets: An Experimental Approach	Dr.Anoop S Kumar	75000	IUCAE, University of Kerala
13	Flow investigation through uED-milled metallic micro channels	Dr. G. Karthikeyan	21.21	DST-FT

Ongoing Projects, Goa Campus

#	Title of the project	Name of the PI	Funding agency	Sanctioned amount
1	Nonadiabatic molecular processes on threefold electronic degeneracies	Dr. Tanmoy Mondal	DST- Inspire	3500000
2	Flow investigation through uED-milled metallic micro channels	Dr. G. Karthikeyan	DST-FT	2121000

#	Title of the project	Name of the PI	Funding agency	Sanctioned amount
3	Cross Cultural Communication – An empirical analysis of cross cultural communication variables in Indian industries leading towards developing appropriate strategies for multi-cultural workplaces and academia	Dr. Basavadatta Mitra	UGC	650600
4	Study on EMT regulation through TGFβ/SMADs in gall bladder disease	Dr. Vijayashree Nayak	SERB	3790000
5	Microbial Diversity and Biotechnological Potentials of selected polar microorganisms	Mrs. Purnima Singh	DST- WOS	2079194
6	Investigations on microstructures of hard-soft ferrite nanocomposites and influence of microstructures on their properties	Dr. N. N. Ghosh	UGC-DAE	263400
7	Rheological Dynamic of poymer layered silicate/graphene nano-composites	Dr. Asima Shaukat	DST- Inspire	3500000
8	Chalcogen containing azomethine macrocycles and bicycles: synthesis, characterization, metal complexes and theoretical investigations of nature of intramolecular interactions between divalent chalcogen and nitrogen atoms	Dr. Arunashree Panda	DST WOS	1710000
9	Addressing challenges in application development for heterogenous computing platform for speedup and power efficiency	Dr. Santonu Sarkar	DST	3755775
10	Studies on anticoagulant platelet aggregation inhibitors from Indian cobra and viper venoms	Dr. Dibakar Chackrabarty	DBT	3654400
11	Development of a field portable devise for the analysis of environmental contaminants in water	Dr. Sunil Bhand	BRNS	2413800
12	Study and analysis of fluid dynamics and heat transfer characteristics in circulating fluidized bed heat exchanger with novel designs of distributor plates	Dr. Ranjit S Patil	SERB-fast track	2766000

#	Title of the project	Name of the PI	Funding agency	Sanctioned amount
13	Home automation and smart wheel chair based on electroencephalography (EEG) signals produced in the brain	Dr. Veeky Baths	CSRI (DST)	3895600
14	Studies of the effects of quinacrine (QC) on regulation of Rho like small- GTPase and apoptosis in human lung and breast cancer cell lines cultured *in vitro*	Dr. Angshuman Sarkar	DBT	2355000
15	Lanthanide doped hydroxyapatite based nano-materioals for theranostics applications: Sensing, Imaging, and Therapeutics (Sanction letter shows a different title)	Dr. Meenal Kowshik	DST	3964771
16	Synthesis of hydroxyapatite based biocompatible functional magnetic nanoparticles and Investigation of its interaction with biomolecules	Dr. Sutapa Roy Ramanan	UGC-DAE Consortium for scientific research, BARC	270484
17	Observational signals of quantum gravity in CMB	Dr. Kinjal Banerjee	Start up research grant, SERB	318528
18	Novel micro biosensor device for heavy metal analysis in vegetables	Dr. Sunil Bhand	RRCAT indore and UGC DAE consortium Indore	100000
19	FPGA Based Fuzzy Logic Picomotor Controller for Laser Beam Pointing Stability Correction	Dr. A. Amalin Prince	Plasma and Fusion Research Commitee, under DAE-BRNS, Gujarat.	2446000
20	Agenda 2020: India's Maritime Infrastructure, Governance & Naval Diplomacy	Dr. R. P. Pradhan	ICSSR	1500000
21	Screening, isolation and identification of novel antimicrobial compounds from potential mangroves of Goa	Dr. Kundan Kumar	CSIR	2757950

#	Title of the project	Name of the PI	Funding agency	Sanctioned amount
22	Experimental and simulation studies on coke mitigation in petroleum refinery systems	Dr. Srinivas Krishnaswami	Centre for High Technology (CHT)	13297000
23	Design and development of condition based monitoring of pipelines using wireless sensor network	Dr. K. R. Anupama	GAIL	9587678
24	A cost-effective approach of making software dependable	Dr. Santanu Sarkar	Accenture	1500000
25	Development of sensing systems for residual pesticide and harmful chemical detection in fruits and vegetables	Dr. Sunil Bhand	R D Tata trust (to CDAC, Kolkata)	5320000
26	Analytics Sensor Test-Kit for advanced process control	Dr. Srikanth Mutnuri (PI)	Bill and Melinda Gates Foundation	135000
27	Simulation of simultaneous rock fractures at multiple scales	Dr. Gaurav Singh	Ministry of Mines	3000000
28	Bio- Sensory Computing for Detection of Pesticide in Tea.	Dr. Sunil Bhand	Tea Board, India	550000

Sanctioned Projects, Goa Campus

#	Title	Name of PI	Funding agency	Sanctioned amount
1	Chlorine Resistant Nano Enhanced Polymer Blend Membranes	Dr. Jegatha Nambi Krishnan	SERB- Start-up Research Grant	3174281
2	Studies on the gene regulation involved in the lytic-lysogenic switch in staphyloccus aureus temperate bactrtiophage phil1	Malabika Biswas	SERB	2046453
3	Visco-elastic, visco-plastic and thixotropic behavior of biogreases and its influence on lubrication (tribiological) performance	Dr. Asima Shaukat	SERB	5467300
4	Secure vehicular communication and routing in future intelligent transportation systems (ITS)	Dr. Debasis Das	SERB	1981100
5	Steric and conformational influences on the performance of nonplanar and highly functionalized phenyl-	Dr Bhavana P	SERB	2822820

#	Title	Name of PI	Funding agency	Sanctioned amount
	and heteroaryl- porphyrins in the sensing of anions and heavy metal ions			
6	A Comprehensive study on mechanochemical sp2 C-H bond activation in five-membered heteroaromatics in a Ball- Mill: Can 1st row transition elements be a potential replacement of late transitional elements a question to investigate.	Prof. Mainak Banerjee	SERB	3057560
7	Development of PCDA-liposome based detection kit for Alzheimer's disease biomarker	Dr. Amrita Chatterjee	SERB	2663200
8	Unmixed reforming(UMR)" of Methane for Hydrogen Production	Prof. Srinivas Krishnaswamy	SERB	5611100
9	Nano-based detection of organophosphate pesticides using metal organic framework conjugates	Dr Sunil Bhand	NASF, ICAR	177.4021
10	Development of SDR based GNSS receiver	Dr. Nitin Sharma	ISRO	3300000
11	Design and Development of Remotely configurable Arbitrary Ramp Generator for Frequency modulated continuous Wave Reflectomerty Using Hardware Software co-Desing	Prof. Neena Goveas	DAE-BRNS	2802500
12	Exploration of Antifungal lead molecules from the wild type Bacillus subtilis RLID 12.1 purification and molecular characterization along with optimizing production	Dr. Utpal Roy	DST	3804600
13	Design and synthesis of grapheme oxide based AIE-sensor for selective detection of Hg(II) and Organic mercury in aqueous medium	Dr. Amrita Chatterjee	UGC- DAE Consortium for Scientific Research Proposal	703000
14	Study on the role of Tonoplast Intrinsic Protein Family members in arsenite accumulation and their transport in rice	Dr. Kundan Kumar	BRNS	2939900
15	Crack growth direction in amorphous silica under extreme	Dr. Gaurav Singh	ISRO Head Quarters,	1608000

#	Title	Name of PI	Funding agency	Sanctioned amount
	temperatures using molecular mechanics (application to Reusable launch Vehicle (RLV)		Department of Space, Bangalore	
16	Studies on biomolecular transport through nuclear pore complexes using a dual fluorescence channel confocal microscope	Dr. Nandakumar Patincharath	SERB	4404104
17	Experimental and Computational study of Boron Doped TiO2 and ZnO Nanocrystals	Dr. Jayadevan K.P.	SERB	2332515
18	Room temperature Hydrogen Storage and sensing using Reduced Graphene Oxide-MoS2 Nanocomposites	Dr E S Kannan	SERB	3061520
19	Spin seebeck Effect in novel heterostructures	Dr. Ram Shanker Patel	SERB	5083821
20	An Acoustic Study characterization and standardization of the Sarasvati Veena	Prof. Pravin M Singru	SERB	3695560
21	Signature of Space-time noncommutativity in high energy colliders	Dr. Prasanta Kumar Das	SERB	1885515
22	Predictive Mathematical Modeling and Analysis for Effective Diagnosis and Control of Diabetes Mellitus with associated Co-infections and Dieseases among Indians.	P Danumjaya	SERB	1568490
23	A study on the inequalities involving complex polynomials	Prasanna Kumar	Dept. of Atomic Energy	1304100
24	Developing Bioactive compound - Enriched Functional Food ingredients from Dillenia Indicia and Valorization of its Pomace	Dr. Srikanth Mutuni	Biotech Consortium India Limited (DBT Twinning)	42.15 lakhs
25	Throretical and numerical study of Elliptic and Parabolic partial differential equations with interferes	P Danumjaya	Dept. of Atomic Energy	1348100
26	Network on decentralized grey/waste water treatment & recycling	M Srikanth	Indo-franch water network programme of CEFIPRA	344340

#	Title	Name of PI	Funding agency	Sanctioned amount
27	Onsite electrochemical wastewater treatment and recycling technology	Prof M Srikanth	Bill & Melinda Gates Foundation (through Caltech)	42759 (29 lakhs)
28	Analytics Sensor Test-Kit for advanced process control	Dr Srikanth Mutnuri (PI)	Bill and Melinda Gates Foundation	[$135000]
29	Erasmus-Mundus-Action-2	Dr. Raghurama G	Göttingen	222150
30	Waste to energy	Dr. M. Srikanth	SERB	435000
31	BIRAC - Bionest	Deptt.	BIRAC	4.05 cr
32	Computational Study of the Catalytic Mechanism Some Diaryldiselenide-based Glutathione peroxidase Mimetics	Dr. Raghu Nath Behera	SERB	1642280
33	A Study on the Bernstein- type inequalities for the polar Derivative of a Complex Polynomial	Dr. Prasanna Kumar	CSIR	7.46
34	Study on dark energy, dark matter and cosmic acceleration of the Universe in modified gravity	Dr. Gauranga Charan Samanta	CSIR	7.96
35	Demonstration of river Sal cleaning by vertical wetland and river bank filtration	Dr. M. Srikanth	DBT (river cleaning)	50.15 (BITS share out of total 6885000)
36	Small Scale and sustainable household wastewater recycling\n\nProposal title was "Small sale and sustainable household grey water recycling	Dr. M. Srikanth (coprincipal investigator)	DST/MHRD under IMPRINT scheme	31.92 (according to PI,s check list performa for financial concurrance)
37	Higher Overall stiffness of triangular shaped ductile/ brittle Lattice Composite Structure compared to square and hexagonal shaped structure	Dr. Gaurav Singh	SERB	44.63
38	Sanitation, water and solid waste for development	Dr M Srikanth	EAWAG,	7.26
39	Knowledge- Rich Deep Models fro Optimisation	Dr. Ashwin Srinivasan	SERB	22.5
40	Study of lubricant and application method for enhanced surface finish and reduced draw load on cold	Dr. Varinder Singh	Tube Investments of India Ltd,	27.43

#	Title	Name of PI	Funding agency	Sanctioned amount
	drawn steel tubes		Chennai (Inhouse industrial research project)	

Submitted Projects, Goa Campus

#	Title	Name of PI	Funding agency	Proposed Amount
1.	Decision support system for analyzing neurological disorders	Dr. Anita Bhagirathji Agarwal	DBT- Government of India	525000
2.	A promising non-hemolytic anti-MRSA peptide and its explorations for its future pre clinical potential	Prof. Utpal Roy	BIRAC New Delhi	266880
3.	Production Purification and characterization of a promising antimicrobial biomolecule significantly active against clinically inportant bacterial pathogens	Dr. Ramkrishna Sen	DRDO-LSRB	10979200
4.	A socio-cultural analysis of reader's response to dalit literature	K A Geetha	ICSSR	1550902.5
5.	Experimental and Theorretical Studies on Equilibrium based Separation Characteristics and new Hybridized Process Development for Ultrapure Separation of Propylene Oxide	Dr. Jegatha Nambi Krishnan	Shell Global Solutions International B.V.	4600000
6.	Cosmic Acceleration with Dark Energy, bulk Viscous fluid amd modified Gravity Through Observational Constraints	Dr. Gauranga Charan Samanta	SERB	2331200
7.	Development of Novel Nanoparticle decorated graphene based nanocomposites and their versatile applications in electrochemical, thermal and optical nanobiosensor	India team leader: Dr. Narendra Nath Ghosh	DST-UKIERI	BITS Rs. 3800000 Univ of Leeds share GBP £ 98952
8.	Hydroxypatite nano-vehcile mediated delivery of siRNA into mouse embryonic stem cells for targeting pluripotency markers as a potential therapeutic approach in regenerative medicine	Meenal Kowshik	Department of Biotechnology, Govt of India	5443200

#	Title	Name of PI	Funding agency	Proposed Amount
9.	Integrated renewable energy technology for biomass conversion to clean power and process development for emission utilization. (National perspective Plan (NPP))	Dr. Ranjit S Patil	Central Power research Institute Bangalore	62154240
10.	Molecular Barcoding of Mangroves in Goa	Kundan Kumar	Goa State Biodiversity noard (C/o. Dept. of Science, Technology & environment, Govt. of Goa)	14.85
11.	Rational design and synthesis of novel sulfur free PPAR- γ partial agonists and TNF-α receptor antagonists for evaluation as promoters of in vitro glucose transport: Lead molecule(s) development and testing in diabetic and pre adipocyte cell lines	Dr. Subhadeep Banerjee	SERB special call	10705723
12.	Diversity and taxonomic characterization of novel halophilicarchaea from solar salterns and saline regions of india	Prof. Judith M Braganca Dr. Seong Woon Roh (Korea Basic Science Institute)	DST Indo Korea	3473200
13.	Desing and development of a Momolith based unmixed combustion reactor for heat transfer applications	Prof. Srinivas Krishnaswamy	SERB	4989800
14.	Cardic –organ-on-chip: integrated microfluidic cardicac platform for durg screening and toxicity detection	Dr. AnasuyaGanguly (Co-PI)	DST	99.24 lakhs
15.	Examining the neuroprotective effect of purine derivatives to OGD induced neuronal death	Co-PI Dr. Amrita Chatterjee	DST	1840840
16.	Cardic –organ-on-chip: integrated microfluidic cardicac platform for durg screening and toxicity detection	Prof Sanket Goel	DST	99.24 lakhs
17.	Exploration of Antifungal lead molecules from the wild type Bacillus subtilis RLID 12.1 purification and molecular characterization along with optimizing production	Dr. Utpal Roy	DST	5267520
18.	Connecting Metal-moral cognition and Yoga as a solution to overcome anti-social behaviors:	Dr. Veeky Baths	DST YOUNG SCIENTISTS	45,60,000

#	Title	Name of PI	Funding agency	Proposed Amount
	Electroencephalography as a predictor of Antisocial Behaviour			
19.	Connecting Nationalism and Tourism through the construction of "Hindoostan" During Swami Vivekananda's Visit to West, 1890-1902	Dr. Nilak Datta	ICSSR	17,00,000
20.	The Dynamics and Survival Strategies of Indian Small Enterprises in a Challenging Global Economy- A critical Perspective and An Empirical Assessment	Dr. Aswini Kumar Misra	Indian Council of Social Science Research	1122000
21.	Comparative study of CKDu (chronic kidney disease of unknown etiology) in India and Sri Lanka	Dr Anasuya Ganguly Rohana Chandrajith (Sri Lanka)	Indian-Sri Lankan Inter-Governmental Science & Technology Cooperation Programme	15,00,000
22.	Development of Assay system for rapid detection of Mycobacterium smegmatis using GFP-labeled mycobacteriophage tail protein	Dr. Rajkrishna Mondal	DBT	4691875
23.	Delivery of siRNA using gold-nanoparticle conjugates to investigate the role of alternate splicing in stem cell differentiation and regenerative medicine	Dr. Indrani Talukdar	SERB	72,42,240.00
24.	Ecofriendly flexible CZTS solar cells	Dr. Teny Theresa John (PI)	DST-SERB	31,95,840/-
25.	Transforming society using spatial computing for smart cities	Dr. Debasis Das	ISRO	300000
26.	Public Health Monitoring using Novel Biosensor for Rapid Detection of E. Coli in Potable Water	Dr. Utpal roy (PI)	INCSW (Water Ministry)	2879600
27.	Synthesis of metal Nanoparticle and Ferrite Nanoparticle Decorated Graphene Sheets: Novel Versatile Catalyst for Multiple Organic reactions and Easy Magnetic Separation of Catalyst	Narendranath Ghosh	CSIR	468000
28.	Development of Novel microbe-decontamination approaches in the production of food grade dough for	Dr. Vijayshree Nayak	BIRAC	250000

#	Title	Name of PI	Funding agency	Proposed Amount
	industrial application			
29.	Higher Overall stiffness of triangular shaped ductile/ brittle Lattice Composite Structure compared to square and hexagonal shaped structure.	Dr. Gaurav Singh	SERB	60,00,000
30.	Design and Development of Localization Algorithm for Mobile Robots using Vision	Dr P M Singru	ISRO	5325000
31.	Testing the effectiveness of the cleancube prototype	Meenal Kowshik	Shastri institute	1000000
32.	Impact of "Make in India" and new IPR Policy on Innovation of MNCs and Indian MSMEs in Medical Device and Pharmaceuticals Sectors	Shri RajorshiSen Gupta	Centre for Human and Organisational Resource Development (CHORD Division) DST	2361700
33.	EXTREMES: Engineering Next Generation Energy Efficient Multi-core Embedded Systems	Dr. Biju K. R.	ISRO	6756400
34.	E2EVAL: An End to End performance Evaluator for Multi-core IoT Systems	Dr. Biju K R	DST	46.732
35.	UAir: Geographical Information system for Urban Air Quality Exposure Estimation using Mobile Sensor Network	Biju K R	DST-ICPS	78.232
36.	A Comprehensive IoT based Geriatric Health Care system for routine health Monitoring and Postoperative Care	Prof. K. R. Anupama	DST- ICPS	66.4640
37.	"India &Neighbourhood Sea Ports comparative Vessel, Traffic & Pattern Analysis using Real Time Ship Tracking Traffic Intelligence Tool for commodity Movement & GDP Correlation Mapping	Prof. R.P. Pradhan	DST	3605850
38.	A Low cost tangible framework for assisting heritage tourist-An Inclusive Approach	Prof. BasavadattaMitra	DST grant	9184440
39.	Digital Mapping of Architectural heritage of Goa: Tracing Cultural, Religious and Regional Influences as Exhibited in Goan Monuments	Geetha B	SERB	46.28

#	Title	Name of PI	Funding agency	Proposed Amount
40.	EEG activated control of IOT devices based on Visual Localization and augmented reality interfaces.	Dr. Veeky Baths	DST	6175000
41.	Biological Efficacy of Artificial Scaffold seeded with different kinds of cells	Dr. Angshuman Sarkar	DBT/BIRAC/SBIRI	33.22
42.	Design, Investigations and Implementation of Rotationally Moulded Underground Water Storage Solutions for Integrated Water Management	Dr. Sachin Waigaonkar	DST	20203200
43.	Hypothalamic Regulation of Catecholamine, GnRH and Corticotrophin and Reproductive Outcome in Alcpohol- Induced Toxicity	Dr. Arnab Banerjee	ICMR-GACD call for mental health	8131200/-
44.	Greywater R&D and Innovation Centre (Grey InnoCenter)	Dr. M. Srikanth		10500000
45.	A molecular toolbox for continuous and single measurements of pathogens and pollutants using biosensors	Dr. Judith Braganca	DST – NERC - EPSRC India-UK Water Quality Research Programme	17400000
46.	Internet of Vehicles for Smart City Communications	Dr. Debasis Das	High Risk High Reward (SERB)	8478800
47.	Investiogation of adipokine profile, related miRNAs, methylation patern and SNPs in adipokine genes in polycystic ovarian syndrome (PCOS) among western and northern India PCOS population for identification of global biomarkers of PCOS	Dr. Arnab Banerjee	DBT	6047700
48.	Rational design and synthesis of novel sulfur free PPAR-g partial agonists for evaluation as promoters of in vitro glucose transport in diabetic cell lines	Dr. Subhadeep Banerjee	DBT	4500000
49.	Synthesis of multifunctional molecular lubricant additives: experimental and theoretical evaluation of the transport and thermodynamic properties of their paraffin oil solutions	Dr. Ranjan Dey	CSIR	3700000

#	Title	Name of PI	Funding agency	Proposed Amount
50.	Dynamical System Analysis in Bulk Viscous Fluid Modified Gravity Models	Dr. Gauranga Charan Samnata	SERB, Matrics Scheme	600000
51.	Phenomenal Consciousness as a predictor of metacognition and academic achievement	Dr.Reena Cheruvalath	(CSRI), DST	1260000
52.	DST- FIST	FIST (CS &IS)	DST FIST	25000000
53.	DST- FIST	FIST (Biological Sciences)	DST FIST	55600000
54.	DST- FIST	FIST (Physics)	DST FIST	80700000
55.	Effect of bromelain on reproductive parameters of PCOS-induced mice and adipokine profile of 3T3- L1 murine adipocytes	Dr. Arnab Banerjee PI from BITS Dr. Vikas Kumar Roy, Asst. Prof. Mizoram University PI from Mizoram University	DBT	93 05086 Total Share 2652000 BITS Share
56.	A Study on the Location of Zeros and Critical Points of a Complex Polynomial	Dr. Prasanna Kumar N	SERB (MATRICS) SCHEME	600000
57.	Analytical and Numerical Study of Quasi-linear Hyperbolic System of Partial Differential Equations	Dr. Manoj Kumar Pandey	SERB (MATRICS) SCHEME	600000
58.	Formulation of bio-functionalized cosmetic emulsions using biosurfactant and essential oil as green ingredients	Dr. Vivek R	DST -SERB under Early Career Researcher Scheme	3094443
59.	Benchmarked Assets Management with Risk-sensitive Criterion	Dr Mayank Goel	SERB (MATRICS) SCHEME	600000
60.	Design and Development of an Acoustic Emission Based Crack Monitoring System to Study Effect of Cryogenic Treatment on Mechanical and Fracture Properties for Pressure Vessel Steel	Dr. Vikas Chaudhari	SERB under EMR scheme	5100000
61.	An Investigation on the unexplored photochemistry of Azomethine Imines	Dr.Anjan Chattopadhyay	SERB under EMR scheme	1611720
62.	Investigations of Creep and Impact Performance of Rotationally Moulded Products	Dr. Sachin D. Waigaonkar	SERB under EMR scheme	9665533

#	Title	Name of PI	Funding agency	Proposed Amount
63.	Bioprospecting bioactive molecules from noni and their enhanced production by hairy root culture	Dr. Kundan Kumar	SERB under EMR scheme	4800000
64.	Structure elucidation of the Cro protein from aureophage f11 with an aim to develop tightly controlled expression vectors	Dr. Sumit Biswas	SERB under EMR scheme	2600000
65.	A Theoretical and Numerical Study of the Control Problem Involving Parabolic Integro-Differential Equation and Elliptic Differential Equation	Dr.Anil Kumar	SERB (MATRICS) SCHEME	600000
66.	Synthesis of mononuclear as well as homo and hetero dinuclear complexes of Cu(II) and Zn(II) with hard-soft donor ligands and evaluation of their anticancer activities	Dr. Manjuri Kumar	SERB under EMR scheme	2607000
67.	Thermophysical studies of binary and higher order liquid mixtures: Experimental investigations and development of predictive models	Dr.Ranjan Dey	SERB under EMR scheme	4200000
68.	Nano-vehicle mediated non-viral delivery of 4 factor plasmids to generate induced pluripotent stem cells from mouse embryonic fibroblasts with an aim to achieve high reprogramming efficiency	Dr. Indrani Talukdar	SERB under EMR scheme	4900000
69.	Elucidating the correlation between the RNA secondary structural differences and pathogenicity among Flaviviruses to aid in design of novel nucleic acids based antiviral agents	Dr. Raviprasad Aduri	SERB under EMR scheme	2427840
70.	Novel Synthesis, characterization and magnetic properties study of some pure and substituted iron-oxide, cobalt ferrite and lanthanum manganite systems	Dr. Rabi Narayan Panda	SERB under EMR scheme	2439840
71.	Acoustic analysis, characterization of Ghumat with different skins and suggestion of artificial skin with similar musical tonality	Prof. Pravin M Singru	DSTE, Goa	1901020
72.	Polyamine and associated metabolic regulation of hypothalamic GnRH-GnIH synthesis and release during ageing in BALB/cJ mice	Dr. Arnab Banerjee	SERB under EMR scheme	4951200

#	Title	Name of PI	Funding agency	Proposed Amount
73.	Use of combined anaerobic bioreactor and low pressure membrane filtration system for the treatment of low strength wastewater to recover renewable resources	Prof. Saroj Sundar Baral	SERB under EMR scheme	6696000
74.	Evaluation of Graph theoretical models to analyse connectivity networks made from brain signals (EEG) and evaluate their effectiveness to forecast the onset of Alzhiemers Disease	Dr. Veeky Baths	SERB (MATRICS) SCHEME	600000
75.	Design of a cognitive system to detect the smart devices advanced malware by grouping the apps based on permissions	Dr. Sanjay Kumar Sahay	SERB under EMR scheme	4605000
76.	Novel anti-TNF-a agents for promotion of in vitro glucose transport in insulin resistant C2C12 cell lines towards management of obesity induced type II diabetes	Dr. Subhadeep Banerjee	SERB under EMR scheme	4467840
77.	A study of homotopy invariats of a model category	Dr. Shilpa Gondhali	SERB (MATRICS) SCHEME	600000
78.	Analysis of Growth Curve Models with Continuously and Randomly Varying Parameters: Simulation Study and Application to Real Data Analysis	Dr. Akshay Sakharam Rane	SERB (MATRICS) SCHEME	600000
79.	To Review and Refine the Feni and Urrakh Processing in the State of Goa	Prof. S D Manjare	SERB under EMR scheme	4762560
80.	Ion Exchange Blend Membranes for Electrodialysis	Dr. Jegatha Nambi Krishnan	SERB under EMR scheme	6532000
81.	Artemisinin -tathered PEGylated gold nanocarrier for improved therapeutics in intestinal cancer	Dr. Vijayashree nayak	SERB under EMR scheme	3425000

Hyderabad Campus

Completed, Ongoing, Sanctioned, Submitted Projects

Completed Projects (Hyderabad Campus):

#	Title of the Project	Principal Investigator	Santioned Amount	Funding agency
1.	Investigation of magneto-optical effects in composite magneto plasmonic nanostructures for sensing application	Dr.Kannan Ramaswamy	3270000	DST
2.	Structure Based Rational Design and Synthesis of Inhibitors for Various Enzymes of HIV	Prof.D.Sriram	5617400	DBT-ICMR
3.	Transcutaneous delivery of lipsomesirna complex to treat skin cancer	Dr. Vamsi Krishna Venuganti	2926000	DST-liposome
4.	Development of suitably customized polymers and clay based adsorbents for the effective removal of chromium from e-waste	Prof. N. Rajesh	4282000	DST
5.	Delineating the impact growth promoting rhizobacteria on plant polyamine metabolism: novel insights in to plant –PGPR interactions	Dr.Sridev Mohapatra	2500000	DST
6.	Development of Synthetic Resin Product	Dr.Srikanta Dinda	2200000	DST FT
7.	Structured-based Design of Orphan nuclear Receptor Modulators to treat Diabetes and its complications by targeting RORalpha and Rev-erbalpha	Prof. P. Yogeeswari	2161600	ICMR Indo-France
8.	Role of adipose in ethanol-induced tissue injury	Dr.Palash Mandal	2500000	DST
9.	Novel Biomarker responses to validate acute toxicity of engineered nanoparticles and their physicochemical interactions in earthworm as a model bioindicator of nano (eco) toxicology.	Dr.Sankar Ganesh	1407800	DBT-RGYI
10.	Synthesis of modified TosMIC & BetMIC for use as key reagents in the synthesis of boronated heterocycles	Dr. Anupam Bhattacharya	1755200	CSIR
11.	Study of Decoherence and Entanglement in Non Linear Systems and their Application	Dr.K V S Shivchaitanya	1416000	DST-FT
12.	Design and Development of Digital Forensic Tools for Clouds IaaS	Dr. Geetha Kumari	5496000	DIT
13.	Photocurable organic-inorganic hybrid precursors for the fabrication of metal oxide micro/nanostructures	Dr.Ramakrishan Ganesan	2598000	DST
14.	Novel Minimal-Solid lubricant Mixture Application Method for Performance Improvement in Turning	Dr. N Suresh Kumar Reddy	3250000	DST

#	Title of the Project	Principal Investigator	Santioned Amount	Funding agency
15.	Structure based rational design and synthesis of mycobacterium tuberculosis inhibitors	Dr. K V G Chandrasekhar	2200000	DST
16.	Strategies against antibiotic resistance in Mycobacterium tuberculosis and Pseudomonas aeruginosa : new drugs for old targets and old drugs for new targets	Prof. D.Sriram	6192000	DBT-Indo-sweden2
17.	Adenovirus-delivered RNAi as an antiviral strategy against dengue	Prof. Swaminathan	5967500	DBT
18.	Anaerobic co-digestion of Food Waste and Organic Fraction of Municipal Solid Waste for the Production of Biogas and Concomitant use of Biogas as Fuel for Cooking and Spent Slurry as Fertilizer	Dr. Sankar Ganesh	5000000	CORE Project
19.	Treatement of Nitrogenous Waste Water using Microalgae and its Utilization for Production of Biofuel and other Value added Products	Dr. Asma Ahmed	4500000	CORE Project

Ongoing Projects (Hyderabad Campus):

#	Title of the Project	Principal Investigator	Santioned Amount	Funding Agency
1.	Studies on CO_2 capture from flue gases using regenerable solid adsorbents	Dr. Srikanta Dinda	2600000	CSIR
2.	Synthesis of modified TosMIC & BetMIC for use as key reagents in the synthesis of boronated heterocycles	Dr.Anupam Bhattacharya	1755200	CSIR
3.	Spectral element methods for elliptic and parabolic interface problems in R2 on parallel computers	Dr. N. Kishore Kumar	1359100	DAE
4.	Pharmacological evaluation of novel double stranded RNA dependent rotein kinase (PKR) inhibitors for diabetic cardiomyopathy	Dr. Arti Dhar	2300000	CSIR
5.	Cell Penetrating Peptide Octa-Arginine anchored, Multifunctional poly(amidoamine)Dendrimer to Promote delivery of chemotherapeutics in cancer	Dr. Swati Biswas	3703695	DBT
6.	Development of suitably customized polymers and clay based adsorbents for the effective removal of chromium from e-waste	Prof .N Rajesh	4282000	DST-2013
7.	Novel Biomarker responses to validate acute toxicity of engineered nanoparticles and their physicochemical interactions in earthworm as a model bioindicator of nano (eco) toxicology.	Dr. Sankar ganesh	1407800	DBT-RGYI

#	Title of the Project	Principal Investigator	Santioned Amount	Funding Agency
8.	Novel Minimal-Solid Lubricant Mixture Application Method for Performance Improvement in Turning	Prof. N Suresh kumar reddy	3250000	DST
9.	Investigations of folding of Cysteine-rich Neurotoxins in Ionic Liquids by Molecular Dynamics simulation and Quantum Mechanical calculations	Dr. Durba Roy	2522800	DST
10.	Photocatalytic Nox abatement: From mechanism and material peoperties to catalytic performance	Dr. Sounak roy	2448000	DST
11.	Transcutaneous delivery of liposome-siRNA complex to treat melanoma	Dr. Vamsi krishna venuganti	2926000	DST - Liposomes
12.	Development of Synthetic Resin Product	Dr. Srikanth dinda	2200000	DST
13.	Design and snthesis & biological evaluation of Mycobacterium tuberculosis serine/threonine protein kinase (BPknB) inhibitors	Prof. D. Sriram	2761000	DST-2015
14.	Development of a cost-effective membrane and DNA chip-based detection of mutations with multiple drug-resistance tuberculosis.	Dr. K.Naga mohan	6916000	DST
15.	Delineating the impact of plant growth promoting rhizobacteria on plant polyamine metabolism: novel insights into plant-PGPR interactions	Dr. Sridev mohapatra	2500000	DST
16.	Bianchi Type Cosmological Models in Modified Theories of Gravitation	Prof. Bivudutta misra	1108800	DST
17.	Role of double stranded RNA dependent protein kinase (PKR) in hypertension: Mechanism and prevention	Dr. Arti Dhar	2604000	DST
18.	Evaluation of promising algal isolates for sustainalbe biofuel production interagted with CO2 sequestration	Dr. Shailender Kumar Sing	3370000	DST-Young Scientist
19.	Study of Decoherence and Entanglement in non-linear systems and their application	Dr.K V Shiva chaitanya	1416000	DST
20.	Finding Aggregation-Induced Emission Active Materials: Design, Synthesis and Photophysical Studies of Sterically Hindered Triarylethenes and Tetraarylethenes	Dr. Manab chakravrthy	3838000	DST-2
21.	Non -Invasive Delivery of siRNA to treat Melanoma	Dr.Vamsi krishna venuganti	2284800	DBT-RGYI
22.	Design and Development of Digital Forensic Tools for Clouds IaaS	Dr.Geeta kumari	5496000	DIT

#	Title of the Project	Principal Investigator	Santioned Amount	Funding Agency
23.	Structure based rational design and synthesis of mycobacterium tuberculosis inhibitors	Prof.Swaminathan	5967500	DBT
24.	Nano-scale characterization of human hair fibres by using indentation technique.	Dr. A Ramesh babu	2662000	DST
25.	D - a-Tocopherol conjugated co-polymer based micelles for improved delivery of chemotherapeutics with reversal of multiple drug resistance	Dr.Swati Biswas	2240000	DST
26.	Role of interleukin-22 in diabetic wound healing band regeneration	Dr. Onkar Kulkarni	2726000	DST
27.	Microfiudic -diffusivity -meter: CO2 diffusivity sensor during carbon sequestration in the oil-reservoirs	Dr. Sanket Goel	2191000	DST
28.	Studies on remaining useful life rediction considering multi-component failures in a wind turbin using prognostic health monitoring techniques	Dr. Sabareesh Geetha Rajasekharan	2604000	DST
29.	Role of adipose in ethanol-induced tissue injury	Dr.Palash Mandal	2500000	DST
30.	Investigation of magneto-optical effects in composite magneto plasmonic nanostructures for sensing application	Dr.Kannan Ramaswamy	3270000	DST
31.	Information Technology Research Academy	Prof. K .S.Raju	1906000	ITRA
32.	Photocurable organic-inorganic hybrid precursors for the fabrication of metal oxide micro/nanostructures	Dr.Ramakrishan Ganesan	2598000	DST
33.	Biofuels from lignocellulosic biomass waste: Biosolubilization and biomethanation of lignin	Dr. Asma Ahmed	2410000	DST-FT
34.	Towards metalloneurochemistry inside a niosome: a fluoroscence spectroscopy approach	Dr. Amit Nag	2498000	DST
35.	Characterization of a mouse embryonic stem cell model to study the effects of increased levels of DNA methyltransferase 1 (DNTMT1) on abnormal neurogenesis	Dr. Nagamohan	4038400	DST
36.	Transgenic Embryonic stem cell models for studying the role elevated levels of DNMT1 and DNMT3A in neuropsychiatric disorders	Dr. Nagamohan	2410000	DBT
37.	Gravitational waves from oscillations and instabilities in neutron stars	Dr. Sarmistha Banik	1476000	DST

#	Title of the Project	Principal Investigator	Santioned Amount	Funding Agency
38.	Advancing host-directed therapy for tuberculosis/MDR-TB: Development of novel PKB/AKT1 and Protein Kinase R inhibitors as an adjunctive treatment for tuberculosis	Prof. D. Sriram	2700000	DBT-Tata Innovation
39.	Development of an encryption algorithm for secure transmission of color images	Dr. Manish Kumar	1508053	DST
40.	Performance evaluation of backfill soils partially replaced with building derived materials	Dr. Anasua Guha ray	2443710	DST
41.	"Hydrogen storage in mesoporous polymer derived ceramics for automotive applications	Dr. Sujith R	4238240	DST
42.	Enhancement of mechanical properties of Ti-6AI-4V using constrained groove pressing and heat treatment	Prof. Amit Kumar Gupta	4560000	DRDO
43.	Functional role of histone deacetylase 5 (HDAC5) in the pathogenesis of chronic kidney diseases and renal fibrosis	Dr. Onkar Kulkarni	7016800	DBT-IYBA
44.	Structure based rational design and synthesis of mycobacterium tuberculosis inhibitors	Dr. K V G Chandra Sekhar	2200000	DST FT
45.	Investigations on pro-inflammatory cytokine inhibitory low molecular weight metabolites of Pseudomonas sp. ABS -36 for the treatement of renal injury	Prof. A Sajeli Begum	2439363	DST
46.	Synthesis, study of optical properties and Anticancer ativity of unique di-substituted tetracyanoquinodimethanes	Prof. Jayanty Subbalakshmi	2574605	DST
47.	Development of a Non-invasive giodegradable polymeric mciroprojection ocular patch for effective corneal delivery of anti-microbial agents to treat fungal infections of eye	Dr. Vamsi Krishna Venuganti	2029640	ICMR
48.	Strategies for Fault-Tolerant Network-On-Chip Design "	Dr. Soumya J	2593140	DST
49.	Development of an accurate and robust unstructured grid-based adjoint approach for compressible turbulent flows	Dr. Anil N	1590600	DST
50.	Polymorphism studies and moleuclar characterization of plasmodial Rhoptry neck protein 2 (RON-2) from Indian fields isolates	Prof. Vidya Rajesh	3492000	DST
51.	Protein structure and stability modulation due to In-Cell and In-Vitro Crowding: Molecular insights on the origin of the effects of crowding	Dr. Ramakrishna Vadrevu	5436000	DST

#	Title of the Project	Principal Investigator	Santioned Amount	Funding Agency
52.	Mechanistic basis of abnormal neurogenesis due to HSAN1E-associated DNA methyltransferase1 (Dnmt1) mutation and pharmacological intervention for phenotypic correction	Dr. Naga Mohan	6845800	DBT-2
53.	Structure based rational design and synthesis of inhibitors for various Enzymes of HIV	Prof. D. Sriram	5617400	DBT-ICMR

Sanctioned Projects (Hyderabad Campus):

#	Title	Name of PI	Total sanctioned	Funding agency
1.	Advancing host-directed therapy for tuberculosis/MDR-TB: Development of novel PKB/AKT1 and Protein Kinase R inhibitors as an adjunctive treatment for tuberculosis	Prof. D. Sriram	2700000	DBT-Tata Innovation
2.	"Analytical development studies for pharmaceutical products"	Dr.V.V. Vamsi Krishna	1830855	Intera Healthcare Pvt. Ltd.
3.	Enhancement of mechanical properties of Ti-6AI-4V using constrained groove pressing and heat treatment	Prof. Amit Kumar Gupta	4560000	DRDO
4.	Development of epigenomes-targeted liposomes for the cancer specific delivery of chemotherapeutic drug, Doxorubicin	Dr. Balaram Ghosh	2900000	SUN Pharma.
5.	Development of an encryption algorithm for secure transmission of color images	Dr. Manish Kumar	1508053	DST
6.	Performance evaluation of backfill soils partially replaced with building derived materials	Dr. Anasuya Guhary	2443710	DST
7.	"Hydrogen storage in mesoporous polymer derived ceramics for automotive applications	Dr. Sujith R	4238240	DST
8.	Synthesis of iron oxide nanoparticles for propellant fuel applications	Dr. Balaji Gopalan	1215000	Premier Explosives Limited
9.	Functional role of histone deacetylase 5 (HDAC5) in the pathogenesis of chronic kidney diseases and renal fibrosis	Dr. Onkar Kulkarne	7016800	DBT
10.	Investigations on pro-inflammatory cytokine inhibitory low molecular weight metabolites of Pseudomonas sp. ABS -36 for the treatement of renal injury	Prof. Sajeli Begum	2437000	DST

#	Title	Name of PI	Total sanctioned	Funding agency
11.	Synthesis, study of optical properties and Anticancer ativity of unique di-substituted tetracyanoquinodimethanes	Prof. Jayanti Subbalakshmi	2474605	DST
12.	Development of a Non-invasive giodegradable polymeric mciroprojection ocular patch for effective corneal delivery of anti-microbial agents to treat fungal infections of eye	Dr. Vamsi Krishna Venuganti	2029640	ICMR
13.	Polymorphism studies and moleuclar characterization of plasmodial Rhoptry neck protein 2 (RON-2) from Indian fields isolates	Dr. Vidya Rajesh	3492000	DST
14.	Development of an accurate and robust unstructured grid-based adjoint approach for compressible turbulent flows	Dr. Anil Nemili	1590600	DST
15.	Strategies for Fault-Tolerant Network-On-Chip Design "	Dr. Soumya J	2593140	DST
16.	Protein structure and stability modulation due to In-Cell and In-Vitro Crowding: Molecular insights on the origin of the effects of crowding	Prof. Ramakrishna Vadrevu	5436000	DST
17.	Mechanistic basis of abnormal neurogenesis due to HSAN1E-associated DNA methyltransferase1 (Dnmt1) mutation and pharmacological intervention for phenotypic correction	Dr. Naga Mohan K	6845800	DBT

Submitted Projects (Hyderabad Campus):

#	Title	Name of PI	Total sanctioned	Funding agency
1.	Hydrogen storage in mesoporous polymer drived ceremics for automotive applications	Dr. Sujith R	4,489,200	DST-SERB
2.	Smart -Nano solid -solid phase change composite materials for mitigating cooling needs in buildings	Dr. R. Parameshwaran	2,161,500	DST-Portugal
3.	Performance Evaluation of backfill soils partially replaced with building derived materials	Dr. Anasua Guha Ray	2,350,000	DST
4.	Speech-based Mobile Interactive Multilingual Trourist Assitance Sytem	Prof. B. Yagnanarayana	5,784,000	DIT
5.	Wavelet packets associated with elliptic curves and their applications	Dr. Manish Kumar	1,846,800	CISR

#	Title	Name of PI	Total sanctioned	Funding agency
6.	Modular Frame work for Selection of Suitable Hydrologic Model structure for river basin in India	Prof. K.S. Raju	3,666,440	MoES
7.	Phytochemical standardization of selected Unanai formulation nad deciphering their molecular mechanisms for potential anticancer activity against non-small cell lung cancer	Prof. Sajeli Begum	3,138,000	Ministry of Ayurveda
8.	Towards the development and prospective applications of customized graphene oxide and other carbonaceous adsorbent materials for the remediation of arsenic from water	Prof. N. Rajesh	3,560,160	DST
9.	Ayurcedic medicine for neurodevelopmental disorders : cellular and molecular analysis on neurotransmitter production	Prof. Vidya Rajesh	2,376,800	DST
10.	Copy number variation in schizophrenia	Dr. Naga Mohan	6,048,720	DST
11.	Understanding the machining behavior of tungsten alloy using finite element anlysis	Dr. Amrita Priya Priyadarshini	1,980,000	DST
12.	Design, Synthesis and Biological Evaluation of HDAC Selective Inhibitors as Long-term Memory Enhancers	Dr. Balaram Ghosh	2,160,000	DST
13.	Investigations on naphthalene and anthracene based phosphonates/phosphates: important sources for alkene based new AIEgens and polyarylalkanes	Dr. Manab Chakravarty	1,620,000	CSIR
14.	Design and optimization of production techniques for manufacture of drug nanocrystal for improving oral bioavailability of BCS Class II drugs	Dr. Punna Rao	13,718,000	Pharmaceuticals
15.	Study to correlate structure and mechanical properties of fungal biofilms	Prof. Aravinda Raghavan	4,204,800	DBT
16.	Understanding the Role of Antimicrobial S100A12 (Calgranulin C) Mediated Host Defense in Pseudomonas Keratitis and Developing Nano-tools for Efficient Delivery of S100A12	Dr. Sanhita Roy	1,650,000	DST
17.	Investigations on optical properties, nanoparticles and anticancer potential of unique di-substituted tetracyanoquinodimethanes	Prof. Jayanty Subbalakshmi	5,903,600	DST
18.	Development of an accurate and robust unstructured grid-based adjoint approach for compressible turbulent flows	Dr. N. Anil	3,272,160	DST

#	Title	Name of PI	Total sanctioned	Funding agency
19.	Modeling catalyst behavior in a PEM and Direct Methanol fuel cell	Dr. Balaji Krishnamurthy	2,676,300	CSIR
20.	Molecular adsorption on pristine and chemically modified two dimensional carbon allotropes	Prof. K. Sumithra	4,245,570	DST
21.	Efficacy of appropriately tailored biopolymer and carbonaceous adsorbents for separation and recovery of europium	Prof. N. Rajesh	3,153,480	DST
22.	Polymorphism studies and molecular characterization of plasmodial rhoptry neck-protein 2 (RON-2) from Indian field isolates	Prof. Vidya Rajesh	3,766,800	DST
23.	Protein structure and stability modulation due to in-cell and in-vitro crowding molecular insights on the origin of the effects of crowding	Prof. Ramakrishna Vadrevu	7,668,700	DST
24.	Investigations on pro-inflammatory cytokine inhibitory low molecular weight metabolites of Pseudomonas sp. ABS -36 for the treatement of renal injury	Prof. A. Sajeli Begum	2,437,050	DST
25.	Investigation of cytotoxic-chemical variation among Oldenlandia species, standardization and qulity control studies using validated analytical methods to develop anticancer botanical	Prof. A. Sajeli Begum	2,752,680	NMPB
26.	Development of new generation of electrostatic nanostructured multi-layer composite (CrZrSiN/CrZrN/CrN) coated tools	Dr. N.S.K Reddy	1,890,800	CSIR
27.	Multiobjective evolutionary approach for solving water distribution network design optimization	Prof. Vasan	2,235,400	CSIR
28.	New drugs for drug resistant HIV C-SA protease mutants Acronym:	Prof. Sriram	4,100,000	Bricks
29.	Advanced EBFC microfluidic device controlled realization of microstructures	Dr. Sanket Goel	1,080,000	GITA
30.	Membreneless Microfluidic Microbial Fuel Cell(M-MMFC) for energy harvesting and toxiety detection	Dr. Sanket Goel	1,498,000	DRDO
31.	Metal-Oxide and nano composite based low-power non-volatile switching device : a novel approach	Dr. Souvik Kundu	3,319,200	BRNS
32.	Cyyogenic hybrid nanocomposite PCM-mortar (HiNAPMO) construction material for mitigating cooling needs in buildings	Dr. R. Parameshwaran	4,711,200	DST (Early career research)

#	Title	Name of PI	Total sanctioned	Funding agency
33.	Landuse/Land cover classification of wetlands using L and S bands of polarimetric SAR data	Dr. Rajitha K	1,156,100	DST
34.	Ocular delivery of siRNA using nao-platforms : Developing new treatment strategy for chroidal neovascularization (21820)	Dr. Swati Biswas	4,657,300	DBT
35.	Experimental and numerical investigation on topology optimization of microchannel to enhance the mixing for biological applications	Dr. Arshad Javed	4,890,600	DST
36.	Strategies for fault-tolerant network-on-chip design	Dr. Soumya J	2,711,020	DST
37.	Experimental and numerical studies of forming behavior of inconel 625 alloy at elevated temperature	Dr. Nitin Rameshrao Kotkunde	4,771,200	DST
38.	Photocatalytic reduction of CO2 to biofuels	Dr. Sounak Roy	3,000,000	CSIR
39.	Development of an accurate adjoint method for 2D duler equations in meshfree frame work	Dr. N. Anil	1,311,000	Aeronautical Research Development Board (ARDB)
40.	Mathematical Modelling and experimental investigations on heat transfer and lubrication effect of ranque-Hilshch vortex tube generated cold water mist in matching of turbin blade materials	Dr. Phaneendra Kiran	4,351,200	CSIR
41.	Cardiac-Organ -On-Chip: Integrated microfluidic cardiac platform for drug screening and toxicity detection	Dr. Sanket Goel	9,924,000	DST
42.	Osmosis-pump embedded microfluidic microbial fuel cell(OMMFC) for energy harvesting and toxicity detection	Dr. Sanket Goel	3,106,800	DST (Indo Korea)
43.	Synthesis and pharmacological evaluation of novel double stranded RNA dependent protein kinase (PKR) inhibitors for type 2 diabetes	Dr.Arti Dhar	4,348,000	DST
44.	Design and synthesis of HDAC6 selective inhibitor for the treatment o fsystemic lupus erythematosus (SLE): an orphan disease	Dr. Balaram Ghosh	3,413,500	DST
45.	Synthetic Photophysical and computational studies of new anthracene-based p-conjugates for potential applications in photovoltaic devices	Prof. Manab Chakravarty	5,987,000	DST

#	Title	Name of PI	Total sanctioned	Funding agency
46.	Performance improvement of a polymer electrolyte membrane fuel cell (PEMFC) stack through multivariable modelling	Dr. Mamdud.Hossain (UK)	2,730,080	UKIERI(UK and India)
47.	Design, synthesis and study of novel nitrogen containing heterocycles as anti-leishmanial agents (Neglected diseases)	Prof. K V G Chandra Sekhar	1,936,000	DST
48.	Design, Synthesis and applications of fluoresent sensors for neurotransmitters neurotoxins	Dr. Anupam Bhattacharya	2,956,800	DST
49.	Features of bioluminescent reactions in microfluidic chips at low concentrations of enzymes and the presence of pollutants mixtures in a sample	Dr. Sanket Goel	2,292,219	DST
50.	Agarian change and rural transformation: A comparative study of Telangana and Andhra Pradesh	Dr. Srinivas Sajja	1,444,800	ICSSR
51.	Miniature analytical device fo rexpress diagnostics of actural viral and microbial infections	Dr. Sanket Goel / CO-PI Naga Mohan	12,024,000	DST (India-Russia RMES)
52.	Role of sodium glucose co-transporter 1 (SGLT1) in the pathogenesis of diabetic cardomyopathy	Dr. Arti Dhar	4,708,000	DBT
53.	Electrofluidic microviscometer: lab-on-a-chip/microfluidic platform for real-time viscosity measurement for diagnostics applications	Dr. Sanket Goel	10,995,000	DST
54.	Development of pH-responsive smart capsule containing targeted multilayer film for drug delivery: the proof-of-concept study in colorectal cancer model	Dr. Venkata Vamsi Krishna	5,749,480	DST
55.	Mathematical characterization of surface waves in multilayered media containing anisotropic materials	Dr. Sumit Kumar Vishwakarma	2,077,800	DST
56.	Analysis of dielectric resonator based mimo antenna for 5G applications	Dr. Runa Kumari	2,295,000	DST
57.	Design and evaluation of In Situ gelling systems loaded with nanoparticles therapeutics for nose-to-brain delivery	Dr. Punna Rao	218,302,259	DST
58.	Growth and characterization of fungal Biofilms for low modulus structure material applications	Prof. Aravinda Raghavan	3,013,000	DST
59.	Mathematical model of of arterial stiffness in humans	Dr. T S L Radhika	2,081,500	DST

#	Title	Name of PI	Total sanctioned	Funding agency
60.	Genetic variants conferring susceptibility to tuberculosis	Dr. K Naga Mohan	31,683,600	DBT
61.	Aptis action research mentoring scheme	Dr. Santosh Kumar Mohapatra	190,000	British Council
62.	Formability and form accuracy studies on selected aluminum and titanium alloys in novel incremental forming process	Dr. Kurra Suresh	2,947,200	DST
63.	Cryogenically-conditioned micro and nanoencapsulated phase change material slurries for cool thermal energy storage applications	Dr. Parameshwaran	3,007,200	DST
64.	Characterizing the sets of periodic points of automorphisms on a solenoid	Dr. Sharan Gopal	2,089,320	DST
65.	Experimental study and numerical analysis of friction stir welding of dissimilar materials	Dr. Amrita Priyadarshini	3,223,200	DST
66.	Recnfigurable planar antenna for satellite applications	Dr. Runa Kumari	2,185,000	DST
67.	Development and characterization of a novel cutting fluid for sustainable machining process	Dr. Phaneendra Kiran	3,091,200	DST
68.	Application of topology optimization to enhance energy efficient and performance of industrial mnipulator	Dr. Arshad Javed	3,080,600	DST
69.	Design & fabrication of zein microneedle patch for transcutaneous immunization against HPV	Dr. Vamsi Krishna Venuganti	4,228,490	DBT
70.	Development and testing of novel and durable 3D-printed fiber reinforced composite material sockets for transtibial leg prosthetics	Prof. Srinivasa Prakash Regalla	3,000,000	DST
71.	Strategies against antibiotic resisitance by targeting non-replicating Mycobacterium tuberculosis and fatty acid biosynthesis in ESKAPE pathogens:new drugs and new targets	Prof. D. Sriram Co-PI Prof. P. Yogeeswari	6,490,000	Indo swden
72.	A Lab-on-chip based device for automated diagnosis of genetic changes in the human genome	Dr. K Naga Mohan	101,364,000	DST
73.	Development of Models to predict shrinkage strains of concrete with alkali-activated binders	Dr. Arkamitra kar	1,497,300	CSIR
74.	Remote/Rural Health service using Asynchronous peer to peer communication in heterogeneous networks	Dr. Suvadip Batabyal	3,690,060	DST

#	Title	Name of PI	Total sanctioned	Funding agency
75.	An Intelligent Transportation system plat form based on Internet of things and Grid computing	Dr. Suvadip Batabyal	8,373,640	DST
76.	Software development to optimize immobilized enzyme activity on suitable matrix to enhance bioprocess engineering	Dr. Debasree	4,068,000	DST
77.	Cloud based malware mitigation tool for internet of things environment	Dr. Geetha Kumari	4,072,000	DST
78.	Improving the seismic performance of dynamically similar guildings using damper connected control technique	Dr. Mohan	5,292,100	DST
79.	Design modifications of existing form of Maryland forceps	Dr. Ramachandra	3,196,000	DST
80.	Congnitive IoT Framework for smart campus	Prof. Hota	5,825,000	DST
81.	Conditional Pathogenesis: Understanding why potentially beneficial rhizobacteria turn pathogenic under certain environmental conditions	Dr. Sridev Mohapatra	4,820,000	DBT

B 3.4) Details of Research Publications (National and International Journal)

1. Baig N, Singh RP, Jha PN, Sah AK. (201x). Synthesis of Glucose- Derived Glycoconjugates and Studies on Their Antimicrobial Activities: Mechanistic Insight. Chemistry Select. DOI: 10.1002/slct.201600786

2. Singh RP, Jha PN. (2016). The multifarious PGPR Serratia marcescens CDP-13 augments induced systemic resistance and enhanced salinity tolerance of wheat (Triticum aestivum L.). PLoS ONE 11(6): e0155026. doi:10.1371/journal.pone.0155026

3. Singh RP, Jha PN. (2016). Mitigation of salt stress in wheat plant (Triticum aestivum) by ACC deaminase bacterium Enterobacter sp. SBP-6 isolated from Sorghum bicolor. Acta Physiologiae plantarum. 38:110. DOI: 10.1007/s11738-016-2123-9.

4. Singh RP, Jha PN. (2016). Alleviation of salinity-induced damage on wheat plant by an ACC deaminase-producing halophilic bacterium Serratia sp. SL- 12 isolated from salt lake. Symbiosis. DOI 10.1007/s13199-016-0387-x.

5. Tantak MP, Gupta V., Nikhil, K., Arun V., Singh RP, Jha PN, Shah K., Kumar D. Sequential one-pot synthesis of bis(indolyl)glyoxylamides: Evaluation of antibacterial and anticancer activities, Bioorg. Med. Chem. Lett., 2016, 26, 3167.

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7. Singh RP, Jha PN. (201x). A halotolerant bacterium Bacillus licheniformis HSW-16 augments induced systemic tolerance to salt stress in wheat plant (Triticum aestivum). Accepted for publication in Frontiers in Plant Sciences.

8. Boopathi PA, Subudhi AK,Middha S, Acharya J, Mugasimangalam RC, Kochar SK, Kochar DK, Das A. (2016) Design, construction and validation of a Plasmodium vivax microarray for the transcriptome profiling of clinical isolates. Acta Tropica, 164, 438-447.

9. Subudhi AK, Boopathi PA, Middha S, Acharya J, Rao SN, Mugasimangalam RC, Sirohi P, Kochar SK, Kochar DK, Das A. (2016). A cross strain Plasmodium falciparum microarray optimized for the transcriptome analysis of Plasmodium falciparum patient derived isolates. Genomics Data, 9, 118-125.

10. Sunil Nahata, Runthala A, Current best template search methodologies fail to efficiently explore the structural PDB universe, Protein and Peptide Letters.

11. A Eshwar Ram, Siddharth V Iyer, Runthala A, Protein structure modelling accuracy: Derived equation with vital parameters, Big Data Analytics in Genomics, Springer-Verlag.

12. Runthala A. and Chowdhury S., Refined template selection and combination algorithm significantly improves template based modelling accuracy, Proteins and Peptide Letters.

13. Garg S., Kakkar S., Runthala A., Improved Protein Model Ranking through Topological Assessment, Computational Biology and Bioinformatics: Gene Regulation, CRC Press, Taylor & Francis Group Monograph Volume, Editor: Ka-Chun Wong, 2016, 406-424.

14. Bhargava, A., Jain, N., Khan, M.A., Pareek, V., Dilip, R.V. and Panwar J., 2016. Utilizing metal tolerance potential of soil fungus for efficient synthesis of gold nanoparticles with superior catalytic activity for degradation of rhodamine B. Journal of Environmental Management, 183: 22-32.

15. Nalini V, Deepa PR, Raguraman R, Khetan V, Reddy MA, Krishnakumar S. Targeting HMGA2 in Retinoblastoma Cells in vitro Using the Aptamer Strategy. Ocul Oncol Pathol. 2016 2(4):262-269.

16. John A, Umashankar V, Samdani A, Sangeetha M, Krishnakumar S, Deepa PR. In Silico

Structure Prediction of Human Fatty Acid Synthase-Dehydratase: A Plausible Model for Understanding Active Site Interactions. Bioinform Biol Insights. 2016 10:143-54.

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18. John A, Vetrivel U, Subramanian K, Deepa PR. Comparative docking of dual conformations in human fatty acid synthase thioesterase domain reveals potential binding cavity for virtual screening of ligands. J Biomol Struct Dyn. 2016 May 4:1-36.

19. Venkatesan N, Kanwar JR, Deepa PR, Navaneethakrishnan S, Joseph C, Krishnakumar S. Targeting HSP90/Survivin using a cell permeable structure based peptido-mimetic shepherdin in retinoblastoma. Chem Biol Interact. 2016 May 5;252:141- 9.

20. Venkatesan N, Kanwar J, Deepa PR, Khetan V, Crowley TM, Raguraman R, Sugneswari G, Rishi P, Natarajan V, Biswas J, Krishnakumar S. Clinico-Pathological Association of Delineated miRNAs in Uveal Melanoma with Monosomy 3/Disomy 3 Chromosomal Aberrations. PLoS One. 2016 Jan 26;11(1):e0146128.

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29. Dubey B., Dubey P. and Dubey US., Role of Media and Treatment on an SIR Model, Nonlinear Analysis: Modeling and Control, 21(2): 185-200, 2016.

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B 3.4) Details of Research Publications (National and International Conferences)

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89. Dr. Pratik N Sheth attended and presented the article on The hydrodynamic simulation of bio-film reactors using computational fluid dynamics for bioenergy systems, at BIOSANGAM 2016 - International Conference on Translational Biotechnology (Biosangam 2016) held at Motilal Nehru National Institute of Technology (MNNIT), Feb 4-6, 2016.(National)

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118. V.Arun, Poster presentation on "An access to 2-arylindoles via decarboxylative C-C coupling in aqueous medium Ligand and base-free access to diverse biaryls by the reductive coupling of diaryliodonium salts", at National Conference on "Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges" organized by Department of Chemistry, BITS Pilani, Pilani Campus during August 29-30, 2016.

119. V.Arun participated in GIAN Workshop-Course on "Greener Strategies for Organics and Nanomaterials: Sustainable Applications of Nano-Catalysts in Synthesis and Environmental Remediation" organized by Department of Chemistry Guru Jambheshwar University of Science and Technology, Hisar during November 25-29, 2016

120. Manish Kumar Mehra, Poster presentation on Microwave-assisted metal and ligand-free O-arylation of quinolones using diaryliodonium salts, at 22nd International ISCB conference on

"Recent trends in affordable and sustainable drug discovery and developments" organized by Uka Tarsadia University, Surat, India, during February 6-8, 2016.

121. Manish Kumar Mehra, Poster presentation on "Metal-free Regioselective C-N and C-O Bonds Formation with the Utilization of Diaryliodonium Salts in Water", at National Conference on "Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges" organized by Department of Chemistry, BITS Pilani, Pilani Campus during August 29-30, 2016

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124. Meenakshi Pilania, Oral presentation on Copper-Catalyzed Direct C-H Arylation of Aazaheterocycles Using Diaryliodonium Salts, at International Conference on "Frontiers at The Chemistry-Allied Sciences Interface" organized by Department of Chemistry, University of Rajasthan, Jaipur, Rajasthan, during April 25-26, 2016

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126. Mukund P. Tantak, Poster presentation on Design and synthesis of bis(indolyl)ketohydrazide-hydrazones as potent antimitotic agents, at National Conference on "Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges" organized by Department of Chemistry, BITS Pilani, Pilani Campus during August 29-30, 2016

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132. Khima Pandey, Poster presentation on Imidazolium-supported Sulfonic Acid Mediated Microwave-assisted Facile Synthesis of Thiopyrano[2,3-b]indol-2-one, at National Conference on "Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges" organized by Department of Chemistry, BITS Pilani, Pilani Campus during August 29-30, 2016.

133. Khima Pandey, Poster presentation on Iodine and Base Mediated Intramolecular Cyclization Reactions of N-Propargyl Pyridinium Bromide: An Easy Access to 2-carbonylimidazo[1,2-α]pyridines and 2-methylimidazo[1,2-α]pyridines, in 21st International Conference on Organic Synthesis (ICOS 21) held at Indian Institute of Technology Bombay, during December 11-16, 2016.

134. Vikki N. Shinde, Poster presentation on A sequential Suzuki Cross-Coupling/Direct Arylation of 2-Arylimidazo[1,2-*a*]pyridine: One-Pot Access to Multi Substituted Imidazo[1,2-*a*]pyridine at National Conference on "Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges" organized by Department of Chemistry, BITS Pilani, Pilani Campus during August 29-30, 2016

135. Shiv Dhiman, Poster presentation on Copper Catalysed Multicomponent One-pot Synthesis of Pyrido[2',1':2,3]imdazo[4,5-c]quinoline Derivatives and Evaluation of Their Antibacterial Activities, at International Conference "Frontiers at The Chemistry-Allied Sciences Interface (FCASI-2016)" organized by Department of Chemistry, University of Rajasthan, Jaipur, Rajasthan, during April 25-26, 2016.

136. Hitesh Kumar Saini, Poster presentation on A Copper-Catalyzed Cyanation on Substituted Imidazoles with Malononitrile *via* C-C Bond Activation and their Photophysical Properties, at National Conference on "Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges" organized by Department of Chemistry, BITS Pilani, Pilani Campus during August 29-30, 2016.

137. Saroj, Poster presentation on Synthesis of Hydroxamic Acids from Aldehydes Using Imidazolium Salt Supported *N*-Hydroxysulfonamide, at National Conference on "Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges" organized by Department of Chemistry, BITS Pilani, Pilani Campus during August 29-30, 2016.

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220. Choubisa, R. Substantiating the Rural-Urban Dichotomy in Personality Dispositions: Investigating an Academic Cohort. 23rd International Congress of Cross-Cultural Psychology (IACCP 2016) 31st July to 4th August 2016.

221. Choubisa, R. Prototype of a Multiculturally Appropriate Internet Delivered Well-Being Enhancement Intervention: An Insight into Content & Design. 8th Scientific Meeting International Society for Research on Internet Interventions (ISRII) 7-9 April 2016.

222. Sanjiv Kumar Choudhary"In the Age of ICT and Post Method Teaching How Relevant are Textbooks for Classroom Teaching?"3rd International ELT Conference on No One Left Behind: The Role of ELT in Promoting Inclusive Growth, ASCENT, Amity University, Lucknow Campus in association with RELO, U.S.Embassyand AINET March 5-6, 2016.

223. Ms. Rajni Singh and Sanjiv Kumar Choudhary" Impact of Socioeconomic Status on Language Learning Motivation" 3rd International ELT Conference on No One Left Behind: The Role of ELT in Promoting Inclusive Growth, ASCENT, Amity University, Lucknow Campus in association with RELO, U.S.Embassy and AINETMarch 5-6, 2016.

224. Sanjiv Kumar Choudhary,"Socio-Economic and Health Impacts of PMGSY Roads on Women: An Impact Assessment Study of Five Recently PMGSY Road Connected Panchayats in Rajasthan"National Conference on Fifteen Years of PMGSY, Transportation Engineering Group, Civil Engineering Department, IIT Roorkee August 6-7, 2016.

225. Sharma, Sangeeta Shifting trends in the world of advertisingInternational Conference on "Mastering SupplyChain Intricacies for Market Leadership"Prestige Institute of Management, GwaliorJanuary 9-11, 2016.

226. Ruchika Sharma & Sangeeta Sharma "Impact of Advertising messages on Children's brand recall and Ad identification:An Experimental StudyInternational Conference on "Mastering Supply Chain Intricacies for Market Leadership"Prestige Institute of Management, GwaliorJanuary 9-11, 2016.

227. Anupam Yadav "Narrative and Philosophical Discourse" ICPR National Seminar on "Perspectives in Philosophy of Literature"Department of Philosophy, University of DelhiApril 11-13, 2016.

228. Nandigama, Sailaja. "Women and Equity in Higher Education: A Comparative study of Practices in Indian and Dutch Academia". Held by the National Commission for Women (National Seminar) on Capacity Building Among Women in India: Entrepreneurship and Estate.National Law University, Jodhpur.2-3 October,

229. Nandigama, Sailaja., "Research Methods in Social Sciences"Participated in the week long Faculty Development Programme (FDP) on "Research Methods in Social Sciences" organized by University of Lucknow. January 4 to 10, 2016.

230. V. S. Nirban Social Media Interruptions and HappinessFirst Asia Pacific Conference on Pursuit of Happiness, organized by Department of Psychology, University of Rajasthan1-2 March 2016.

231. S. Nandigama. "Ecology of Teaching and Learning in Classrooms: Perspectives on Pedagogical Practices".National Convention on Current Practices and Future of Classroom Teaching at Higher Education LevelBITS Pilani, Pilani Campus, Rajasthan.September 30th to October 1st, 2016.

232. Devika."Utilization of Peer Feedback for Effective Learning."National Convention on Current Practices and Future of Classroom Teaching at Higher Education LevelBITS Pilani, Pilani Campus, Rajasthan.Sept 30 - Oct 1. 2016.

233. Choubisa, R.The Pandemonium and Predicament Behind Digital India's Subrogation of National e-Governance Plan: A Perception based SWOT Analysis.2nd International Conference on Contemporary Debates in Public Policy and Management Indian Institute of Management, Calcutta (IIM-C) Kolkata, INDIA 15-17 January 2016.

234. Arun Poonia and Gajendra Singh Chauhan. 6th India International Hotel, Travel, & Tourism Research Conference held in BC Institute of Hotel management & Catering, New Delhi, 10—12 February 2016. Presented a research paper entitled "Tourism Promotion of Two States: A Comparative Study of Destination Image Formation Through Video Commercials of Rajasthan & Gujrat.'

235. Arun Poonia and Gajendra Singh Chauhan. MICA's Third International Communication Management Conference in MICA, Ahmedabad, 18-20 February, 2016. Presented a research paper entitled "Branding Gujrat as a Tourist Destination: Video Content Analysis of 'Khushboo Gujrat ki' Campaign.

236. Kumar, Devendra, Presented a paper entitled "Some techniques for the solution of Fractional Order Differential Equations" in NATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS & OPERATIONS RESEARCH organized by BK Birla Institute of Engineering & Technology, Pilani during 15-16 October 2016.

237. Kumar, Jitender, Presented a paper entitled "On the large ranks of certain semigroups of transformation on a finite chain" in the International conference on Algebra and Its application (ICAA- 2016) held at Aligarh Muslim University, Aligarh.

238. Shekhawat, K., Presented a paper entitled "A plus-shape arrangement of rectangles" in the International Conference on Current Trendsin Graph Theory and Computation CTGTC 2016, South Asian University New delhi.

239. Kumar, Devendra, Presented a paper entitled "Numerical Method for Fractional Order Boundary Value Problems" in International Conference on Differential Geometry, Algebra and Analysis" organised by Department of Mathematics, Jamia Millia Islamia, New Delhi during November 15 - 17, 2016.

240. Agarwal, Shivi, Fuzzy Total Factor Productivity by Credibility Theory, ICMCSSE 2016: held at Stockholm, SWEDEN during July 11-12, 2016.

241. Kumar, Devendra, International Conference on "Mathematical Modeling, Differential Equations, Scientific Computation and Applications"; held at IIT Kanpur during March 27-29, 2016.

242. Mathur, Trilok, Chaired one session and presented a research paper "Caputo-Type Fuzzy Fractional Riccati Differential Equations with Fuzzy Initial Conditions" in ICMCSSE 2016: International Conference on Mathematical, Computational and Statistical Sciences and Engineering held on Jul 11-12, 2016 in Hotel Park Inn, Stockholm, Sweden. This conference was organised by World Academy of Science, Engineering and Technology.

243. Murali, Padma, A Mathematical Model to Evaluate the Risk of Cardiovascular Disease in Diabetic Population, 7th Workshop and Conference on Dynamical Systems Applied to Biology and Natural Sciences (DSABNS 2016), University of Evora, Portugal, Feb. 2016.

244. Pasari, Sumanta, Computational Earthquake Modeling: Insights from a Class of Exponentiated Distributions, National Conference on Optimization and Computational Mathematics (NCOCM 2016), March 01-02, 2016, Department of Applied Mathematics, Vidyasagar University, Midnapore, WB.

245. Pasari, Sumanta and Dikshit, Onkar, Computational Earthquake Physics: Insights from Geodetic and Stochastic Modeling, National Conference on Emerging Trends in Physics of Fluids and Solids (NCETPFS 2016), March 03-04, 2016, Department of Applied Mathematics, Jadavpur University, Kolkata.

246. Shekhar, C. Transient analysis of machining system with space provisioning and geometric reneging, presented in 3rd International conference on Science, Technology and Management (ICSTM 16), at India International Centre, New Delhi on January 17, 2016.

247. Shekhar, C. Presented paper entitled 'Optimal (N,F) policy for queue dependent and time sharing machining redundant system' in 2nd International conference on Mathematical techniques in Engineering Applications (ICMTEA 2016) organized by Department of Mathematics, Graphic Era Univerisity on April 29-30'2016.

248. Shekhar, C. Attended 27th Annual Conference of Rajasthan Ganita Parishad and National Conference on Applied Mathematics in Engineering and Technology organized by Department of Mathematics, Sobhasaria Group of Institutions on March 05-06'2016.

249. Tripathi, B. and Sharma, B. K., Effects of Heat and Mass Transfer on MHD flow of Blood Through an Artery with Stenosis having Variable Viscosity. Presented in Sixth International Congress on Computational Mechanics and Simulation" held at IIT Bombay, Bombay, during June 25 – July 01, 2016.

250. Sharma B K and Sharma M, 'Bio-magnetic Fluid of Blood Flow through a Tapered Porous Arteries with Soret and Dufour Effect in the Presence of Stenosis' in National Conference on 'Computational Mathematics & Operation Research, during 15-16 Oct. 2016 at BKBIET, Pilani.

251. Pasari S (2016), Presented a poster on "Scope of Earthquake Insurance in Indian Cities", at India International Science Festival (IISF 2016), Physical Research Laboratory, New Delhi, during December 08-11, 2016.

252. Rakhee, Attended a 11th International Workshop on Retrial Queues and Related topics, held during August 31-September 2, 2016, Organized by Tinbergen Institute, Virje University, Amsterdam, The Netherlands. Title of my research paper is "Analysis of Discrete Time Retrial Queue with Negative Customer, Unreliable Server and Second Optional Service"

253. Kumar, Devendra, Attended ``A Workshop on Singularly Perturbed Partial Differential Equations (SPPDEs): Theory, Computation and Application (AWSPPDES 2016)" during March 24-28, 2016 held at Indian Institute of Technology, Kanpur.

254. Yadav, Sangita, Resource person in Advanced Level Training Programme on Differential Equations, BITS Pilani, Hyderabad Campus, May 25-June 14, 2016 (Conducted Lab on FEM for elliptic and heat equations).

255. Yadav, Sangita, Advanced Workshop on Singularly Perturbed PDEs: Theory, Computation and Applications (AWSPPDEs-2016), IIT Kanpur, Mar. 24-28, 2016.

256. Development of an integrated ISM-fuzzy MICMAC model of enablers for sustainable development of cement industries in India, Digalwar A. K., 9th ISDSI Conference, Goa Institute of Management, 2-4 January 2016.

257. Model based fault diagnosis of a rotor bearing system: crack versus unbalance, JalanA. K., ICADVC-2016,NIT Durgapur

258. Effective Localization of Humanoid with Fish-Eye Lens Using Field Line Detection, PratyushKar, Archit Jain, B. K. Rout, IEEE ACIRS - 2016, July 20-24, 2016 Tokyo, Japan.

259. Performance Evaluation of Manipulators with Links of Different Cross Sections, B. Naveen, and B. K. Rout, ICMPC 2016,12th-13th March, GMRIT Hyderabad.

260. Analyzing a manufacturer's returns from supplier development programs, Sunil Kumar C. V. and SrikantaRoutroy, 5th International Conference of Materials Processing and Characterization 2016, 12th-13th March, GMRIT Hyderabad.

261. Addressing the Agile Manufacturing Impediments using Interpretive Structural Modeling, Pavan Kumar Potdar, SrikantaRoutroy and AstajyotiBehera, 5th International Conference of Materials Processing and Characterization 2016, 12th-13th March, GMRIT Hyderabad.

262. Life Cycle Assessment of Arc Welding and Gas Welding Processes, Kuldip Sing Sangwan, Christoph Herrmann, Patricia Egede, Vikrant, Bhakar, Jakob Singe, 23rd CIRP Life cycle engineering conference, T U Berlin, Germany during 20-23 May 2016.

263. Modification in powder feeder for Nano-Powder for thermal Spray Coating, RohitUpadhyaya, SharadShrivastava,International Thermal Spray Conference 2016, May 10-12, 2016 Shanghai China.

264. Towards a conceptual framework for integrating product development with supply chain, Vineet Kumar and Srinivas Kota, 10th ISDSI International Conference,, MET,Nasik.28-30 December 2016

265. Reliability of CNC Lathe Machine Tool Based On Gamma Wear Process, R. P. Mishra, 10th ISDSI International Conference, MET,Nasik.28-30 December 2016

266. Identifying the barriers and opportunities in the Small and Medium Scale Garment Industries in India using MCDM approach, AnunjayNath and A. K. Digalwar, 10th ISDSI International Conference, MET,Nasik.28-30 December 2016

267. A road map to make sustainability effective in engineering, Sangwan K. S., Global Product Sustainability (GPS) Workshop, Rhode Island, 5-6 October 2016

268. Using learning factories for teaching sustainability, Sangwan K. S., Global Product Sustainability (GPS) Workshop, Rhode Island, 5-6 October 2016

269. Learning factories for education towards industry 4.0, Sangwan K. S., BRICS seminar on skill development for industry 4.0, FICCI House, New Delhi, India, 16 September 2016.

270. Reverse logistics and integrated supply chain: network design and research issues, Sangwan K. S., STP on Operations and Supply Chain Management, National Institute of Technology Jalandhar, Jalandhar, 06 September 2016

271. Assessment and evaluation of collection methods and product recovery processes in reverse logistics, Sangwan K. S., STP on Operations and Supply Chain Management, National Institute of Technology, Jalandhar, 06 September 2016.

272. Innovative Product Design and Development, Sangwan K. S., Two day workshop on Emerging trends in manufacturing and automation, AmityUniversity, Gawalior, 29 September 2016

273. Creep and fatigue analysis of pressure vessels, AseemShrivastava, Prateek Kala, 3rd International conference on REDSET, GD Goenka University, Gurugram, 21-22 October, 2016

274. Performance Evaluation of Manipulators with Links of Different Cross Sections, B. Naveen, B.K. Rout, ICMPC 2016, GMRIT Hyderabad, March - 2016

275. Effective Localization of Humanoid with 5 Fish-Eye Lens Using Field Line Detection, PratyushKar, Archit Jain, B.K. Rout, IEEE ACIRS - 2016, Tokyo, Japan, July 20-24, 2016.

276. Prioritizing 6R strategies for manufacturing sustainability: An AHP Approach, Vikrant Bhakar, Kiran Kumar, A. K.Digalwar, K. S.Sangwan, 6th International and 27th AIMTDR conference, COEP Pune 16-18 December 2016

277. Developing causal loop relationships for analyzing Leanness of an organization: System Dynamics approach, Mohit Agrawal and A. K.Digalwar, Proceedings of 10th ISDSI International conference, MET Nasik, 28-30 December 2016

278. Improving OEE by Emulsion to Oil conversion of CBN Crankshaft Grinder, SahilWankhede and A. K.Digalwar, Proceedings of 10th ISDSI International conference, MET Nasik, 28-30 December 2016

279. Application of Lean Six Sigma Methodology in Small and Medium Manufacturing Enterprise: A Case Study, AnimeshGoyal and A. K.Digalwar, Proceedings of 10th ISDSI International conference, MET Nasik, 28-30 December 2016

280. Application of 5S for Work-place Performance Improvement: Case Study, Shubham Shukla and A. K.Digalwar, Proceedings of 10th ISDSI International conference, MET Nasik, 28-30 December 2016

281. Thermodynamic analysis of various ejector expansions in R-744 trans-critical cycles at warm weather condition, Kapil Dev Choudhary, Shyam Sunder, M.S. Dasgupta, Gustav Lorentzen Natural Working Fluids Conference, Heriot-Watt University, Edinburgh, Scotland, 21-24 August, 2016

282. Energetic and Exergetic Investigation of a N2O Ejector Expansion Transcritical Refrigeration Cycle, Kapil Dev Choudhary, Shyam Sunder, M.S. Dasgupta, Recent Advances in Air Conditioning and Refrigeration, CVRCE Bhubaneshwar, 10-12 November 2016

283. Influence of environmental parameters on groundwater contamination in Rajasthan, India, Nikhil Gakkhar, M. S. Soni, and Sanjeev Jakhar, International Conference on Biology, Environment and Chemistry (ICBEC 2016), San Francisco, USA, Volume: 7th, 26-28 October, 2016

284. An investigation on thermal aspect in peripheral milling of thin-walled geometries, ManikandanHareendran, AshutoshMadhavaraoBable, Tufan Chandra Bera, International Conference on Recent Trends in Engineering, Science & Technology, Hyderabad, Telangana, India, 2016

285. Anubha Dadhich, "Review of Leadership Theories from an Ethical Perspective" presented at HRD Congress: Nurturing World Class Organizations in an Emerging Global Diaspora on 16-18th September' 2016 at School of Business Studies, Central University Jammu.

286. Anubha Dadhich, Paper titled "Role of Ethical Leadership and Organizational Climate: A study of healthcare sector in India" accepted for presentation in International Conference on Evidence Based Management to be held on 17-18 March' 2017.

287. Preeti Tewari, Anil Bhat & Jyoti (2016) "Exploring the Factors Responsible in Predicting Entrepreneurial Intention among Nascent Entrepreneurs: A Field Research" 9th Annual Conference of the Academy of Innovation and Entrepreneurship(AIE) at University of Sydney, Sept. 2-3rd, [Awarded Excellent paper award]

288. Jayashree Mahesh and Anil Bhat "How Global is "Indian" Management? A Study of Management Practices in Indian I.T. Sector", Accepted for presentation at Academy of Management (AOM)Annual Meeting, 2016August 5-9 ,Anaheim, California, USA,

289. Nirankush Dutta ,and Anil Bhat , "Effect of Structural Attributes of Online Social Network on Trust, E-WOM and Purchase Intention" Accepted for presentation at Academy of Management (AOM) Annual Meeting,2016 August 5-9 ,Anaheim, California, USA,

290. Nirankush Dutta and Anil Bhat , "Effect of Social Media Characteristics on Intention to Purchase and Pass along Electronic Word of Mouth," Accepted to be presented at the 2016 Summer Marketing Educators' Conference American Marketing Association(AMA), August 5-7,Atlanta, USA

291. Arunima Rana, Anil Bhat and Leela Rani, "The Underlying Dimensions of Brand equity: Multidimensional Scaling Approach in the Indian Online Retail Segment", 30th annual conference of British Academy of Management (BAM) , Sept.5-8, 2016, Newcastle University, U.K(BAM 2016 Proceedings-Track-Marketing and retail; paper type-full paper)

292. Nirankush Dutta, and Anil Bhat "Effect of Tie Strength on Intention to Pass-along e-WOM: Exploring the Role of Trust in s-Commerce "Conference on Brand Management (CBM 2016) organized by IIT Delhi, April 16-17, 2016

293. Arunima Rana, Anil Bhat and Leela Rani "The Impact of E-marketing Mix Elements on Brand Association: A Comparative Examination in the Indian E-commerce Segment "Conference on Brand Management (CBM 2016) organized by IIT Delhi, April 16-17, 2016

294. Dutta, Nirankush, and Bhat, Anil. 2016. " Influence of Social Media Design Characteristics on Intention to Purchase: Exploring the Mediating Role of Trust" Accepted for presentation in 4th Pan-IIM World Management Conference (WMC 2016) organized by all 13 Indian Institutes of Management (IIMs) together at IIM Ahmedabad Campus from Dec 13, 2016 to Dec 15, 2016

295. Rana, Arunima., Bhat, Anil and Rani, Leela "Consumer Heuristics for Online Travel Portal brands: IRCTC vs. Private brands" accepted to be presented as poster at PAN IIM WMC Conference 2016 to be held at IIM, Ahmedabad during 13-14 December, 2016

296. Nikita Sharda, Anil Bhat and Sinha P.K,(2016)"Research imperatives for growth of luxury market in India "International conference on Marketing, Technology and Society, Sept 29-1st Oct, IIM Kozhikode

297. Udayan Chanda, (2016), "International Conference on Marketing Technology and Society (MARCONF16) organized by IIM Kozhikode during September 29 - October 1, 2016 and presented a paper titled "Effective Marketing Strategy using Two-warehouse Inventory Model".

298. Udayan Chanda, 7th International Conference on Information Technology & Business Intelligence (ITBI-15) organized by IMT-Nagpur at RIT, Goa Campus during 21-23 Jan, 2016 and presented a paper titled "Impact of Network Externalities and Churn Analysis of Indian Telecom Market".

299. Praveen Goyal, 7th International Conference on Information Technology & Business Intelligence (ITBI-15) organized by IMT-Nagpur at RIT, Goa Campus during 21-23 Jan, 2016 and presented a paper titled, ssessing Managers Awareness about CSR Issues: A study of Indian IT Industries".

300. Dr. Neetu Yadav, Interaction of Strategic Interventions with Performance Measurement: A System Dynamics Perspective 28th June 2016 PMA 2016 conference, Edinburgh, Scotland

301. Dr. Neetu Yadav, Amazon India's 'Apni Dukaan': Branding strategy 17th April, 2016 Conference on Brand Management, IIT Delhi, India.

302. Dutta, Nirankush, and Bhat, Anil, Effects of Perceived Homophily on Intention to Pass-along e-WOM: Exploring the role of Trust in s-Commerce Third International Communication Management Conference (ICMC) organized by MICA, Ahmedabad at from Feb 18, 2016 to Feb 20, 2016

303. Arun Kumar Agariya & Jyoti Tikoria, E-CRM Scale Development & Validation in Indian E-Commerce Sector16-17 April, 2016,Conference on Brand Management 2016- IIT Delhi

304. Mridula Goel & Jyoti Tikoria, Reflections on Business Incubation Processes in a Technical University21-22nd March 2016   XIME-IEF International Conference on Business Incubation & Acceleration held at XIME, Bangalore

305. Priyanka Bhattacharya and Sarvesh Satija, Positive Organizational Practices in Indian Engineering & Technology Institute: An Exposition of Grounded Theory Jul 24-29, 2016, 31st International Congress of Psychology (2016), Jul 24-29, Yokohama Japan.

306. Jayashree Mahesh and Anil K Bhat   How Global is "Indian" Management? A Study of

307. Management Practices in Indian I.T. Sector   76th Annual Meeting of the Academy of Management organized by Academy of Management at Anaheim, from Aug 7, 2016 to Aug 9, 2016

308. Yadav, N., "Amazon India's 'Apni Dukaan': Branding Strategy" (Case Study In Conference Proceeding of Conference of Brand Management, IIT Delhi, Apr. 16-17, 2016.

309. Jyoti Tikoria, Arun Kumar Agariya, "Sustainable Operations: A Case of Refreshment Shops Operating with Zero Electricity and Minimum Physical Infrastructure", XX Annual International Conference of Society of Operations Management, December 22-24, 2016 held at ABV- Indian Institute of Information Technology and Management Gwalior.

310. EUSpec Training School on Multiple Scattering Codes by Dr. Rakesh Choubisa at the University of Rennes, France, during June 27-30, 2016

311. 26th Stat Phys by Dr. Navin Singh at Lyon, France, during 18-22 July, 2016

312. Graphene Oxide/PEDOT: PSS Nano Composite to Improve Hole Transportation in Organic Light emitting devices by Dr. S. Sindhu, at Singapore during 3-8 July, 2016

313. Fabrication and Characterization of Electrochromic Pixel Display Using Di-isopropylbenzylderivative of Poly (3,4-propylenedioxythiophene) by Dr. S. Sindhu, at Singapore during 3-8 July, 2016

314. A multiple scattering appraoch to (e, 2e) spectroscopy by Dr. Rakesh Choubisa at Moscow during 23-26 August, 2016

315. Self-similar fractal spectrum in quantum mechanical systems by Dr. Jayendra N. Bandyopadhyay in CNSD2016 at IISER-Kolkata during 15-18 December, 2016.

316. Dr. Udayan Chanda attended Workshop on "Design of Programs / Curriculum with focus on Experiential Learning", 8th to 10th February' 2016 in the Hyderabad campus of BITS Pilani.

317. Dr. Satyendra Sharma attended Project Management Professional Workshop delivered by Mr. K T. Upadhyaya (Management Trainer) from 9th to 12th Sep' 2016, at BITS Pilani, Pilani campus.

318. Kurhe Y, Mahesh R, Thangaraj D, Mechanisms linking depression associated with obesity through serotonergic modulation in experimental mice, Society for Neuroscience (SfN) 46th Annual Meeting, Neuroscience 2016, San Diego, California, United States, Nov 12-16, 2016.

319. Kurhe Y, Mahesh R, Ondansetron ameliorates depression associated with obesity in high fat diet fed experimental mice: an investigation based on the behavioral, biochemical and molecular approach, 49th Annual Conference of Indian Pharmacological Society (IPSCON-2016), PGIMER Chandigarh, Punjab, India, Oct 20-23, 2016

320. Mundra S, Mahesh R, Identification of novel class of falcipain-2 inhibitors as potential anti-malarial agents., Organic Chemistry in Sustainable Development: Recent advantages and future challenges (OCSD-2016), BITS Pilani, Pilani Campus, Pilani, Rajasthan, India, Aug 29-30, 2016

321. Gupta D, Mahesh R 6z, a novel $5HT_3$ receptor antagonist reverses depression-like behavior in streptozotocin-induced diabetic mice by normalizing serotonin deficiency and HPA-axis hyperactivity, 14th Meeting of the Asian Pacific Society for Neurochemistry, Kuala Lumpur, Malaysia, Aug 27-30, 2016

322. Kurhe Y, Mahesh R, High fat diet fed obese rats injected with exogenous corticosterone: an animal model to study depressive-phenotypes associated with obesity, DBT, ICMR and APTI Sponsored Two Days National Conference on Contemporary Technologies in Drug Delivery and Envisaged Future Trends, Geetanjali Institute of Pharmacy, Geetanjali University, Udaipur, Rajasthan, India, Aug 12-13, 2016.

323. Pankaj Wadhwa, Priti Jain, Hemant R. Jadhav, Design, synthesis and evaluation of novel 7,7-dimethyl-4-substituted phenyl-3,4,7,8-tetrahydroquinazoline-2,5(1H,6H)- dione analogues as potent inhibitors of HIV-1 Integrase Strand Transfer, Sixth Euro-India International Conference on Holistic Medicine ICHM-2016, Kottayam, Kerala, September 9-11, 2016.

324. Mahaveer Singh and Hemant R. Jadhav, EGFR Tyrosine kinase inhibitors: In-silico studies using (4-[3-(morpholin-4-yl)propoxy]-N-phenylbenzamide derivatives, National Conference on Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges (OCSD 2016), BITS Pilani, Pilani Campus, August 29-30, 2016

325. Pankaj Wadhwa, Priti Jain, Hemant R. Jadhav, Design, synthesis and evaluation of novel 4-oxo-6-substituted phenyl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carbonitrile analogues as potent inhibitors of HIV-1 Integrase strand transfer, National Conference on Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges (OCSD 2016), BITS Pilani, Pilani Campus, August 29-30, 2016

326. Pankaj Wadhwa, Priti Jain, Hemant R. Jadhav, Design, synthesis and evaluation of novel N -(4-fluorophenyl)-6-methyl-2-oxo-4-substituted phenyl-1,2,3,4-tetrahydropyrimidine-5-carboxamides as HIV integrase inhibitors, Chem-Cys-2016, Belgium, March 16-19, 2016.

327. Vadiraj Kurdekar, Anupama Devarajan, Pankaj Wadhwa, Priti Jain, Hemant R. Jadhav, Anthranilate urea hydroxamate derivatives: In silico Design, Synthesis and Evaluation as TACE inhibitors, Current Trends in Drug Discovery & Research - CTDDR-2016, CDRI Lucknow, February 24-28, 2016.

328. Pankaj Wadhwa, Priti Jain, Hemant R. Jadhav, Flap endonuclease-1 inhibitors: In-silico studies using 2-hydroxy-6-methyl-4-oxo-N-substituted-phenyl-4H-pyran-3-carboxamides, Current Trends in Drug Discovery & Research - CTDDR-2016, CDRI Lucknow., February 24-28, 2016.

329. Murugesan Sankaranarayanan, Attended a guest lecture entitled "HPTLC Fingerprint – The regulatory method for identification of materials of botanical origin" by Dr. Eike Reich, Director (Lab), Camag , Switzerland, Anchrom Enterprises (I) Pvt. Ltd. Mumbai, India., CCRAS Auditorium, Ministry of Ayush, Govt. of India, New Delhi., October 20, 2016.

330. Murugesan Sankaranarayanan, Attended National Convention on organized by Department of Humanities and Social Sciences & Teaching Learning Centre, Birla Institute of Technology and Science, Pilani- Pilani campus, Current Practices and Future of Classroom Teaching at Higher Education Level, Pilani, 30-9-16 to 1-10-16.

331. Subhash Chander, Penta Ashok and Murugesan Sankaranarayanan, Design, synthesis and anti-HIV-1 RT evaluation of quinoline based carboxylic hydrazide derivatives, Sixth Euro- India International Conference on Holistic Medicine (ICHM-2016), Kottayam, September 09-11th, 2016.

332. Subhash Chander, Ping Wang, Penta Ashok, Liu-Meng Yang, Yong-Tang Zheng and Murugesan Sankaranarayanan, Rational design, synthesis and anti-HIV-1 RT evaluation of 1-(4-phenylpiperazin-1-yl)ethanone based hybrid compounds, National Conference on Organic Chemistry in sustainable Development: Recent Advances and Future Challenges (OCSD-2016) organized by Department of Chemistry, BITS Pilani, Pilani Campus, Pilani, August 29 - 30, 2016.

333. Penta Ashoka, Subhash Chander, Ana Tejería, Laura García-Calvo, Rafael Balaña-Fouce, Murugesan Sankaranarayanan, Synthesis and Anti-leishmanial Evaluation of 1-phenyl-tetrahydro-β-carboline Derivatives against Leishmania infantum, National Conference on Organic Chemistry in sustainable Development: Recent Advances and Future Challenges (OCSD-2016) organized by Department of Chemistry, BITS Pilani, Pilani Campus, Pilani, August 29 - 30, 2016.

334. Ashok Sharma, Badvel Pallavi, Leena Fageria, Rajdeep Chowdhary, Subhash Cahnder, Murugesan Sankaranarayanan and Paritosh Shukla, One-step, Eco-friendly synthesis of useful spiro/non-spiro pyranopyrazole small molecules and an investigation of their remarkable anticancer and DNA binding activities, National Conference on Organic Chemistry in sustainable Development: Recent Advances and Future Challenges (OCSD-2016) organized by Department of Chemistry, BITS Pilani, Pilani Campus, Pilani, August 29 - 30, 2016.

335. Penta Ashok, Subhash Chander, Scott Franzblau, Baojie Wan and Sankaranarayanan Murugesan, Design, Synthesis and Evaluation of 1-phenyl-b-carboline derivatives as potent anti-tubercular agents Current Trends in Drug Discovery and Research organized by CSIR-CDRI Lucknow February 25-28th, 2016.

336. Subhash Chander, Penta Ashok and Sankaranarayanan Murugesan, In silico Lead optimization, synthesis and anti-HIV 1 RT evaluation of Indolin-2-one derivatives, Current Trends in Drug Discovery and Research organized by CSIR-CDRI, Lucknow, February 25-28th, 2016.

337. Sankaranarayanan Murugesan, Subhash Chander, Penta Ashok, Cappoen Davie and Paul Cos, Design, synthesis and anti-tubercular activity of novel N'-benzylidene-2-(quinolin-6-yloxy) propanehydrazide analogs, 22nd ISCB International Conference (ISCBC-2016), Recent Trends in Affordable and Sustainable Drug Discovery and Developments organized by Indian Society of Chemists and Biologists, Uka Tarsadia University, Surat, India., Surat, 6-8th February, 2016.

338. Subhash Chander, Penta Ashok, Yong-Tang Zheng, Ping Wang and Sankaranarayanan Murugesan, Rational design, synthesis and anti-HIV-1 RT activity of novel 6-methoxy-tetrahydroquinoline and arylpiperazine hybrid derivatives, Europen Chemistry Congress organized by Omics International, Rome, Italy, Rome, June 16-18, 2016.

339. Taliyan R, Attended and Chaired the session, 49 th Annual Conf-IPSCON-2016, PGI, Chandigarh, Oct 20-23, 2016

340. Ramagiri S,Taliyan R, Remote limb perconditioning mediated neuroprotection against cerebral ischemic stroke(Oral), 49 th Annual Conf-IPSCON-2016, PGI,Chandigarh, Oct 20-23, 2016

341. Ramagiri S,Taliyan R, Protective effects of ischemic post conditioning mediated hemeoxygenase signaling pathway against cerebral I/R injury and associated cognitive deficits, 10th World Stroke Congress, Hydrabad, Oct 26-29, 2016

342. Ramagiri S,Taliyan R, Neuroprotective effect of remote post conditioning via mitochondrial KATP opening against cerebral ischemic reperfusion injury (Oral), World Congress on Drug Discovery & Development, IISC, Bangalore, Nov 23-25, 2016

343. Ramagiri S,Taliyan R, Limb remote ischemic post conditioning attenuates cerebral I/R injury and associated cognitive deficits in rats: Role of GSK-3β and BDNF (Oral), 2nd IBRO/APRC Chandigarh Neuroscience School, Punjab University, Punjab University, Chandigarh, December 14-22, 2016

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368. Prof. Anil K Bhat attended Project Management Professional Workshop delivered by Mr. K T. Upadhyaya (Management Trainer) from 9th to 12th Sep' 2016, at BITS Pilani, Pilani campus.

369. Dr. Neetu Yadav attended workshop on "Make a Difference Journey: Challenges & Opportunities" by Dr. Rajeshwari Narendran, Management Director, Academy of Human Resource Development on 3rd Nov' 2016, at BITS Pilani, Pilani campus.

370. Dr. Anubha Dadhich, attended workshop on "Make a Difference Journey: Challenges & Opportunities" by Dr. Rajeshwari Narendran, Management Director, Academy of Human Resource Development on 3rd Nov' 2016, at BITS Pilani, Pilani campus.

371. Dr. Judith Braganca, presented a paper 'Biosynthesis of polyhydroxyalkanoates by Halophilic Archaea' at the 11th International Congress on Halophilic Microorganisms, Halophiles 2016 in San Juan, Puerto Rico from May 22nd to May 27th 2016.

372. Dr. Vijayashree Nayak, presented a paper :Chronic S.typhi persistance in gall bladder:implication of quorum sensing and persisters, Gut Microbiome 2016, An international perspective, 21-22 Oct,2016. Kasturba Medical college, Manipal.

373. Dr. Judith Braganca attended a workshop on Nomenclature of Archaea and Bacteria by Prof. Aharon Oren, The Hebrew University of Jerusalem, Israel at the Microbial Type Culture Collection, Pune in September 2016.

374. Mainak Banerjee, "Mechanochemistry"—A facile approach for the construction of Heterocyclic scaffolds, National conference on Organic Chemistry in Sustainable Developments: Recent Advances and Future Challenges (OCSD 2016), August 29-30, 2016, BITS Pilani, Rajasthan.

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378. Akanksha Saini, Hardik Hingorani and Ranjan Dey, A modified Frenkel approach for viscometric prediction of binary and multicomponent liquid mixtures, Symposium on Recent Advancements in

Chemical Sciences and Research Scholar Meet-2016, 13th November, 2016, BITS Pilani K K Birla Goa Campus. (Best poster Award)

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382. S. Bhand, U. Roy, G.K. Mishra, R. Deshmukh, G. Bacher, A label-free biosensor for analysis of Escherichia coli and Salmonella in potable water, Presented at BIOSENSORS 2016 May 27-29, Gothenburg Sweden 2016.

383. A.C. Singh, G. Bacher, B. Danielsson, S.Bhand, Ultrasensitive detection of 17β-Estradiol in water using electrochemical impedance spectroscopy, presented at WORLD BIOSENSOR CONGRESS- May 27-29, Gothenburg Sweden 2016.

384. Aruna Chandra Singh, Souvik Pal, R. Balasubramaniam, Sunil Bhand, Zinc oxide nanoparticles enhanced sensitive detection of Organophosphates residues in water, presented at 1st International Conference on Nanoscience and Nanotechnology (ICNAN' 16) VIT University, Vellore; October 19-21, 2016

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389. Barun Kumar Ghosh, Debabrata Moitra, Madhurya Chandel and Narendra Nath Ghosh, "A facile route for preparation of magnetically separable $(mTiO_2@CF)_XRGO_{(1-X)}$nanocomposites and its photocatalytic activity towards degradation of various dyes under visible light" in 2nd Indo- UK International Workshop On Advanced Materials And Their Applications In Nanotechnology (AMAN 2016) in collaboration with Univ. of Leeds, UK BITS Pilani, KK Birla Goa campus January 11- 12, 2016.

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RGO@CuFe$_2$O$_4$nanocatalysts for reduction of various synthetic dyes, 2nd Indo- UK International Workshop On Advanced Materials And Their Applications In Nanotechnology (AMAN 2016)in collaboration with Univ of Leeds, UK BITS Pilani, KK Birla Goa campus January 11- 12, 2016.

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415. G. Surendran, S. S. Baral, Kinetics, isotherm and mechanism study on treatment of Cr(VI) contaminated water using coconut leave, CHEMCON-2016, 28th -30th December, 2016, Chennai, India.

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TechConnect World Innovation Conference and Expo (NanoTech-2015), Gaylord National Resort and Convention Center, National Harbor, Washington, D. C., U. S. A.

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422. Arivarasi, R. A. Kumar* and J. Nambi Krishnan, "Design and Material characterization for 3D printed Sensor", 9th International Conference on Circuits, Systems and Signals" (CSS'16), Dubrovnik, Croatia.

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424. Trupil Limbasiya and Debasis Das, "Secure Message Transmission Algorithm for Vehicle to Vehicle (V2V) Communication", IEEE TENCON 2016, Technologies for Smart Nation, Nanyang Technological University, Singapore, 22-25 November, 2016, pp. 1-6.

425. Debasis Das and Amritesh Kumar, "Algorithm for Secure Cloud Computing Is Based On Homomorphic Encryption And Multi-Party Computation", 12th International Conference on Innovations in Information Technology (IIT), Al Ain, Abu Dhabi, United Arab Emirates, 28-30 November, 2016, pp. 1-6.

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428. Akshita Bhandari, Ashutosh Gupta and Debasis Das, "*A framework for Data Security and Storage in Cloud Computing",* 2016 International Conference on Computational Techniques in Information and Communication Technologies (ICCTICT)-2016, IPU, New Delhi, India, pp. 1-8.

429. Sreyash Ratna Tripathi, Shreya Mahabala Alva and Debasis Das, "Algorithm for Leader Node Selection in Vehicular Adhoc Networks (VANETs) at Road Intersection", The 8th International Conference on Future Computer and Communication (ICFCC 2016), Hong Kong, April 28-30, 2016.

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437. Santonu Sarkar, Developer Productivity in HPC Application Development: An Overview of Recent Techniques, 29-30, ACM Workshop on Software Engineering Methods for Parallel and High Performance Applications, 2016

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472. Debasis Patnaik, Utkarsh Tiwari (2016): 'Portfolio Optimization through VAR', Published in Conference Volume of Mathematical, Computational Conference on Social Sciences Education (MCCSSE) at Shenzen, Chinaon 30-31October 2016 .

473. Pawaskar, P., Mridula Goel (2015):'An Investigation of International and Domestic Tourist Satisfaction with Goa: Implications for Destination Marketing', International Conference on Evidence Based Management, Department of Management, BITS Pilani Rajasthan Campus, Conference Proceedings pg: 196-206.

474. Pinky Pawaskar, Debjyoti Biswas (2012): 'Effectiveness of Advertisements - 30 seconds v/s 15 seconds' advertisement', Inclusiveness and Innovation Sustainable Growth Challenges in Emerging Economics, Conference proceedings, pp 604 – 614.

475. Anoop S Kumar,Somnath Mazumdar(2016), Statistical Analysis of a Data Center Resource Usage Patterns: A Case Study (Springer Lecture notes in Computer Science , I3CS 2016, NEHU, Shillong

476. Anoop S kumar, Somnath Mazumdar (2016) Forecasting HPC Workload Using ARMA Models and SSA (IEEE), ICIT 2016, IIIT Bhubaneswar

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478. A.K. Mishra (with Viral M Parmar) Economic Well-being and Income Inequality in India: A Note on the Rural-Urban Divide at Third Annual India Human Development Survey(IHDS) Data User Conference organised by University of Maryland and NCAER, New Delhi at Neemrana Fort-Palace, Rajasthan, during March 16-18, 2016.

479. Prasad, Ch.V.V.S.N.V (2016): "Information and Communication Technology (ICT) Usage and Secondary School Teachers in India", Singapore 7th International Conference on " Business, Economics, Social Science & Humanities- BESSH-2016" February 25-26, 2016 Singapore.

480. Prabhdesai, R., Prasad, Ch.V.V.S.N.V (2015): The Antecedents of SME Alliance Formation: A Theoretical Approach, Singapore 7th International Conference on " Business, Economics, Social Science & Humanities- BESSH-2016" February 25-26, 2016 Singapore.

481. Debdulal Thakur (2016): 'Rural Development in West Bengal- A PFM perspective', invited lecture as 'resource person' at University Grants Commission (UGC) sponsored National Seminar at Pingla College, Medinipur, West Bengal on 29th & 30th November 2016.

482. Debdulal Thakur (2016): Economic Governance in India: A Brief Overview', invited Lecture at Summer School on Public Policy and Governance organized by Institute for Sustainable Development and Governance (ISDG)and Mahatma Gandhi University (Kerala) held at Bodhigram (Adoor), Kerala,30th April to 3rd May 2016.

483. Debasis Patnaik (2016): Initiated and Co-ordinated Presentation Sessions on " Organizations of Public Enterprises and Possibilities of Collaboration with Institutes of Higher Learning" by Dr Madhukar Gupta, Additional Secretary, Ministry of Public Enterprises and heavy Industry and Mrs Kiran Soni, Gupta, Additional Secretary, Ministry of Skill Development and Additional Secretary, Ministry of Youth Affairs and Sports at the behest of the Vice Chancellor Prof V S Rao and our Director Prof Punnekat.

484. Debasis Patnaik (2016): Engaged in Discussion with Mr Dheeraj Raja Ram, Founder, MU SIGMA on 7th Jan2016 on Developing Course on Business Analytics. Participated and Delivered a Vote of Thanks during his address to students on importance of Data Analytics and How to Develop Entrepreneurial Qualities in TP Lecture Hall at 5.00PM.

485. Debasis Patnaik (2016): Accepted the Invite for Talk in ONGC on eve of Public Sector Day and Delivered Two Talks on 12th April 2016 on (a) Importance of PSUs in the Age of Globalization (b) Techno Economic Challenges in Oil and Gas Sector.

486. Debasis Patnaik (2016): Presented a 'Case Study on Energy Infrastructure for Smart Cities' as part of the Workshop Presentation In The Workshop /Conference on 'Integrating Societal Impact in Research strategy' in the Univ of Copenhagen organized by AESIS as part of Univ Collaboration among Univ of Copenhagen, AARHUS, Finland, Univ of Stockholm, etc. from Nov 15-18 in Copenhagen, Denmark. Also, presented 'Reflections for the New University Model' in Concluding Remarks and Valedictory Presentations on 18th Nov 2016.

487. Anoop S kumar,Md. Zikrullah Khan and B Kamaiah(2016) Co-integration among Emerging European Forex Markets: A Wavelet Approach at 52nd Annual conference of theIndian Econometric Society, IIM Kozhikkode, 4-6 Jan,2016.

488. Anoop S kumar,S Anandarao(2016) Causal Nexus between Money Supply and Price level:Evidence for India at 52nd Annual conference of the Indian Econometric Society, IIM Kozhikkode, 4-6 Jan,2016

489. Anoop S kumar,B Kamaiah(2016) Co-movement among Asian Forex markets: Evidence from Wavelet Methods, 5th International Conference on Applied Econometrics, ICFAI Business school, Hyderabad ,July 2016.

490. Anoop S kumar, Somnath Mazumdar(2016) Statistical Analysis of a Data Center Resource Usage Patterns: A Case Study, at I3CS 2016, NEHU Shillong, November 2016

491. Anoop S kumar, Somnath Mazumdar, Forecasting HPC Workload Using ARMA Models and SSA, at ICIT 2016, Bhubaneswar, Dec 2016

492. 15.With Somnath Mazumdar, Forecasting Data Center Resource Usage: An Experimental Comparison with Time-Series Methods, SoCPAR 2016, Vellore Dec 2016

493. ANoop S kumar, B Kamaiah (2016) Adaptive Market Hypothesis: Evidence From Indian Equity Market, 53rd Annual Conference of The Indian Econometric Society, NISER Odisha, Dec 2016

494. Avireni Srinivasulu and Dipankar Pal, "CCII+based novel waveform generator with tunable grounded resistor/capacitor", 21st IEEE-Int. Conference on Applied Electronics, to be held in Universit of West Bohemis, Plzen, Czech Republic, IEEE, 06-08 Sep 2016. (Accepted),

495. Shashidhara Mecha Kotian and K. N. Shubhanga, "Design of a Subsynchronous Damping Controller Using a Dynamic Phasor-Based Model of TCSC", IEEE International Conference on Power & Energy Systems: Towards Sustainable Energy (PESTSE 2016), Bangalore, India, Received "M. H. Rashid" Best Paper Award, IEEE, 21-23, Jan 2016.

496. Prince A.A., Siram G., Verma P.K., George P. and Raju D., 'Efficient Implementation of Empirical Mode Decomposition in FPGA Using Xilinx System Generator', 42nd IEEE Industrial Electronics Conference (IEEE IECON 2016),Florence, Italy, IEEE, IEEE, 24-27 Oct 2016 (Accepted)

497. Sreekrishna R.R., Saif N. and Prince A.A., "Real Time Cascaded Moving Average Filter for Detrending of Electroencephalogram Signals", 5th IEEE International Conference on Communication and Signal Processing (ICCSP'16), Chennai, India, IEEE, IEEE, 6 -8 Apr 2016,

498. Saif N., Sreekrishna R.R. and Prince A.A., "Analysis of Knee Joint Vibration Signals Using Ensemble Empirical Mode Decomposition", Elsevier Procedia Computer Science, vol.89, pp. 820-827., Elsevier, Aug 2016

499. S. Nagaraju, V. Rege, L. J. Gudino and C. K. Ramesha, Realistic directional antenna suite for Cooja simulator, Twenty third National Conference on Communications (NCC 2017) IIT Madras, Chennai (submitted)

500. Vikas V. Khairnar, C. K. Ramesha and Lucy J. Gudino, A Reconfigurable Microstrip Cross Parasitic Patch Antenna With Two-dimensional Beam Scanning, Capability IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS),Bengaluru, 2016

501. Rajalekshmi Kishore, Ramesha C K, George Joseph and Eshaan Sangodkar, - Waveform and Energy Based Dual Stage Sensing Technique for Cognitive Radio using RTL-SDR, 2016 Annual IEEE India Conference (INDICON), IISC Bangalore, Dec. 16th -18th , 2016, pp. 1-6.

502. Rajalekshmi Kishore, C.K. Ramesha, K.R. Anupama,- Bayesian Detector Based Superior Selective Reporting6, Mechanism for Cooperative Spectrum Sensing in Cognitive Radio Networks, Procedia Computer Science, 6th International Conference on Advances in computing & Communication (ICACC), Kochi, Sep. th-8th, Vol 93, 2016, pp. 207-216, ISSN 1877-0509, http://dx.doi.org/ 10.1016 /j.procs.2016.07.202.

503. R. Kishore, Ramesha C K and T. Sawant, - Superior Selective Reporting mechanism for cooperative spectrum sensing in cognitive radio networks, 2016 International Conference on Wireless Communications, ,Chennai, March 23 Signal Processing and Networking (WiSPNET)th ,2016, pp. 426-431.doi: 10.1109/WiSPNET.2016.7566169.nd -25

504. Paavni Shukla, Pravin M Singru and Narayan Manjrekar," A Study of H infinity and H2 synthesis for Active Vibration Control", accepted for publication in 4th International Conference on Advances in Control and Optimization of Dynamical Systems to be held in NIT Trichy on Feb 1-5, 2016 , published by Science direct (http://www.sciencedirect.com/science/article/pii/S2405896316301252)

505. Praveen G. B. and Anita Agrawal, "Muti-stage Classification and segmentation of brain tumor", IEEE 3rd International conference on computing,for sustainable global development, INDIACOM, pp1628-1632, 2016 Delhi, India

506. Ruma Ghosh, Sumita Santra, M. K. Deshmukh, Prasanta Kumar Guha, "Highly Efficient H_2 Sensors Using Reduced Graphene Oxide-Pt Composites at Room Temperature", International Conference on Nanomaterials and Nanotechnology – 2016 at VIT, Vellore.

507. C. Balakrishna Moorthy, M. K. Deshmukh, "Assessment of Wind Power Potential in a Region of Goa, India", 2016 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES) at Trivandrum, Kerala

508. Amitendu Bhattacharya, "Universities at the Crossroads and the Humanities at a Dead-End: What is the Way Forward?" 17th Triennial Conference of the Association for Commonwealth Literature and Language Studies held at Stellenbosch University, South Africa; 10-15 July 2016

509. Amitendu Bhattacharya, "A Poet of/for India: The Rediscovery of Kabir through the Translations by Rabindranath Tagore and Arvind Krishna Mehrotra ASIAN TRANSLATION TRADITIONS CONFERENCE 7 organized by the Monash Asia Institute and the School of Languages, Literatures, Cultures and Linguistics at Monash University Melbourne, in partnership with the Universiti Kebangsaan Malaysia, and hosted at the Monash University Malaysia Campus in Kuala Lumpur 26-29 September 2016

510. Anoop George, "The Good Sense of the Modern: Revisiting Heidegger's Social Ontology International Conference on Ethics, Religion and Philosophy, International Academic Forum, The Art Center, Kobe, Japan 31 March-03 April 2016

511. Anoop George, "Engaging With Modernity: Revisiting The Ontology Of The Self As A Meaning Giving Being" International Conference for Social Sciences and Humanities, International Journal of Arts and Sciences, University of London, UK; 08-11 November 2016

512. Meenakshi Raman, "Importance of Effective Communication in Healthcare Settings: Students' Perspectives." 81st Annual International Conference of ABC (Association of Business Communication). Albuquerque, New mexico, USA; 19-22 October 2016

513. Rayson K Alex, "Nature-culture-sacred continuum in the ecodocumentary, Have you *Seen the Arana?*" International Conference on "Transmediating Culture(s)?" Department of English, University of Szczecin, Poland; 17-19 November 2016

514. Reena Cheruvalath, "Meta-moral cognition and social relationship: A theoretical perspective International Conference for Social Sciences and Humanities. International Journal of Arts and Sciences. University of London, UK; 8-11 November 2016

515. Reena Cheruvalath, "Internet Neutrality, Social Justice And Ethics: A Kantian Perspective" The Asian Conference on Ethics, Religion & Philosophy." The International Academic Forum. The Art Centre of Kobe, Japan.; 31 March- 03 April, 2016

516. R P Pradhan, "TPP & Factory Asia: Case of India Trade Creation or Trade Diversion?" East Asian Economic Association (EAEA) Bandung, Indonesia   5-6 November 2016.

517. Shalini Upadhyay and Nitin Upadhyay, "A Multi-Criteria Decision Framework to Measure Spiritual Intelligence of University Teachers Asan, South Korea ITQM and Hoseo University, South Korea 16-18 August 2016

518. Shalini Upadhyay and Ranjit Rodrigues, "Investigating Foreign Language Learning: Examining Anxiety Associated with English Language Acquisition in the Asian ESL Context" TESOL and University of Mataram in Lombok, Indonesia. August 11-13, 2016

519. Solano Jose Da Silva" Urban Commons and Commoning (attended) Urban Commons and Commoning' Cape Town, South Africa 30 May- 03 June 2016

520. Solano Jose Da Silve, Palmer, Henrietta & Low, Iain, "Urban commons in the Neoliberal Global Order: Commoning as Counteraction" 17th N-AERUS Conference: Governing, Planning and Managing the City in an Uncertain World. Comparative Perspectives on Everyday Practices at the School of Public Administration (SPA) at University of Gothenburg, Gothenburg, Sweden, 17-19 November 2016

521. William Henry Spates, "Contact Zones: Chios, the Mahonesti, and the Formation of English Long-Distance Trading Companies in Richard Hakluyt's Diverse Voyages and Principal Navigations" 10th IDEA Conference, Bogazici University, Istanbul, Turkey, April 2016

522. Amitendu Bhattacharya, The 'Fictions' of Fatima Bhutto and Temsula Ao: Epistemologies of Violence International Seminar on "Politics, History and Fiction in South Asia with Special Focus on Pakistan and North East India" , Department of English, Gauhati University 25-27 February 2016

523. Amitendu Bhattacharya, "Gastronomy and the Making of the Bengali Bhadralok (in absentia)" International Conference on "The Culture of Food: Literature and Society" organized by the Departments of English and Travel & Tourism, M.E.S. College of Arts and Commerce, Goa 25-27 February 2016

524. Amitendu Bhattacharya, Food, Hindu Bourgeoisie, and the Cosmopolitan Imagination in Colonial Bengal" XIX International Conference on "Materialities: Objects, Matter, Things" jointly organized by the Forum on Contemporary Theory, Vadodara and the Department of English, Doon University, Dehradun, 18-21 December 2016

525. Amitendu Bhattacharya, "Tagore and the Global Environmental Crisis (In absentia)" International Conference on "Re-Thinking Environment: Literature, Ethics, Praxis" organized by the Postgraduate Department of English, Berhampur University, Odisha, 28-30 December 2016

526. Anoop George, "Progress, Promise and Problems: Revisiting the Art of Techne."(Paper presented)" Life-World and Consciousness, The Centre for Phenomenological Studies (Sponsored by the Indian Council of Philosophical Research (ICPR), New Delhi.), Department of Philosophy, Loyola College Chennai   ,3-5March 2016

527. Geetha B, "Analysis of Mira Nair's "Monsoon Wedding" using the GeM framework.International Congress on English Grammar (ICEG-2016). Department of English,Guru Nanak Dev University

Amritsar (Punjab) INDIA in collaboration withSystemic Functional Linguistics Association, Hyderabad 08-12 February 2016

528. Geetha B, "Minimalism in Abbas Kiarostami's films."National Level Media Seminar on Cinema ,Christ University, Bangalore, 04-05 August 2016

529. Rayson K Alex,"Indigenous Cosmopolitics-poetics in Indian Food Documentaries" International Conference on "The Culture of Food: Literature and Society Departments of English and Tourism, M.E.S. College for Arts and Commerce, Goa. The Queeny, Goa, 25, 26 and 27 February 2016

530. William Henry Spates, "Hamlet's Journey into the Uncanny Valley: Post-Humanism, Digital Humanities, and the Dialectics of Inevitability" Indira Gandhi National Center for the Arts (New Dehli, India, December, 1st-3rd, 2016

531. William Henry Spates, 'Watching the Detectives': DFR and R Pearson's Coefficient Analysis of Shakespeare and Critical Anxieties",Shakespeare, Digital Archiving, and Textual Computing Symposium, School of Cultural Texts and Records, Jadavpur University Kolkata, India, November, 29th, 2016

532. William Henry Spates, "Stockfish, Clipfish, and Carp: The Exotic Literary Lives and Afterlives of Medieval and Early Modern Seafood" International Conference on "The Culture of Food: Literature and Society Departments of English and Tourism, M.E.S. College for Arts and Commerce, Goa. The Queeny, Goa   25, 26 and 27 February 2016

533. Jessica Pereira Presented paper entitled "m-Gracefulness of graphs", International Conference on algorithms and discrete applied mathematics-2016, organized by Department of Futures Studies, University of Kerala, Thiruvanthapuram, February 18-20, 2016.

534. G. C. Samanta presented a paper entitled "Bulk viscous universe in modified gravity" in 10th spontaneous workshop on hot topics in modern cosmology which was held at Institut d'Etude Scientifique de Cargèse (IESC) Corsica 9th – 14th May, 2016 Cargese, France.

535. Amit Setia, Vaishali Sharma, Yucheng Liu presented a paper entitled "Haar Based Numerical Solution of Fredholm-Volterra Fractional Integro-differential Equation with Nonlocal Boundary Conditions" in ICNPAA World Congress - 2016: Mathematical Problems in Engineering, Aerospace and Sciences, 5 - 8 July 2016 at University of La Rochelle, France.

536. Amit Setia, Bijil Prakash and A.S. Vatsala presented a paper entitled " Numerical Method to Solve Cauchy Type Singular Integral Equation With Error Bounds in ICNPAA World Congress - 2016: Mathematical Problems in Engineering, Aerospace and Sciences, 5 - 8 July 2016 at University of La Rochelle, France.

537. P. Dhanumjaya and K. Balaji presented a paper entitled "Discontinuous Galerkin Finite Element Methods for the One-Dimensional Rosenau Equation" in National Conference on Computational and Theoretical Partial Differential Equations (CCT-PDE 2016) during October 5-7, 2016 at National Institute of Technology Goa, India.

538. P. Dhanumjaya and S. K. Bhal presented a paper entitled "Orthogonal Spline Collocation Methods for the One-Dimensional Parabolic PDEs with Interfaces" in National Conference on Computational and Theoretical Partial Differential Equations (CCT-PDE 2016) during October 5-7, 2016 at National Institute of Technology Goa, India.

539. Alpesh Dhorajia delivered a talk on "Dominating Parameters of Certain Graphs" at the 30th Midwestern Conference on Combinatorics, Cryptography, and Computing during October 14–16, 2016 at the campus of Illinois State University in Normal, Illinois.

540. Mayank Goel presented research paper entitled: "Portfolio Risk Management using Signed Graph" in "International Conference on Computational Physics, Mathematics & its Applications"(ICCPMA 2016) held at Tokio, Japan, during November 7-8, 2016.

541. C.S. Singh, A.K. Singh and J.K. Sahoo presented a paper entitled ``Mess-Less Numerical Scheme Based on Matrices for Integro-Differential Equation'' in International conference on computational physics, mathematics and its applications (ICCPMA2016) which held at Tokyo, Japan during November 7-8, 2016.

542. J.K. Sahoo and Akhil Balaji presented a paper entitled `` Optimizing Support Vector Machines for Multi-class Classification'' in international conference on advances in computing and data sciences (ICACDS 2016) which held at Ghaziabad, India during November 11-12, 2016.

543. P. Dhanumjaya and K. Balaji presented a paper entitled "Discontinuous Galerkin Finite Element Methods for the two-Dimensional Rosenau Equation" in International Conference on "Recent Advances on Theoretical and Computational Partial Differential Equations" held at Panjab University, Chandigarh during 05-09 December, 2016

544. P. Dhanumjaya and S. K. Bhal presented a paper entitled "Orthogonal Spline Collocation Methods for the tne-Dimensional Parabolic PDEs with Interfaces" in International Conference on "Recent Advances on Theoretical and Computational Partial Differential Equations" held at Panjab University, Chandigarh during 05-09 December, 2016

545. R.K. Roul and J.K. Sahoo presented a paper entitled " Classification of Research Article Hierarchically: A new Technique" in 3rd international conference on computational intelligence in data mining (ICCIDM 2016) which held at KIIT, Bhubaneswar, India during December 10-11, 2016.

546. Y.Y. Xu, X.H. Tang, Q.S. Liu & G. Singh, "Three-dimensional simulation for the rock fragmentation induced by TBM with GFEM" Recent Advances on Rock Engineering (RARE) Bengaluru; Oct 16-18,2016

547. G. Singh, "Crack growth rate via inclusion of timescale distinction in hydrogen cracking" 24th International Congress of Theoretical & Applied Mechanics (ICTAM), Montreal, Canada, Aug 21-26, 2016

548. S. Govilkar, A. Patil & G. Singh, "An Experimental Study into the Role of Friction Between Crack Faces in Compressive Fracture" 2nd International Conference and Exhibition on Fatigue, Durability and Fracture Mechanics, Bengaluru, September 28-30, 2016

549. H. Garg & G. Singh, "Solution of two-parameter cohesive zone model using Chebyshev polynomials for singular integral equation" 61st Congress of Indian Society of Theoretical & Applied Mechanics (ISTAM), Vellore, December 11-14, 2016

550. M. G. Kalola, Mahesh Dasar, K. P. Shete, R. S. Patil, "Effect of Novel Swirling Perforated Distributor on Fluid Dynamic Characteristics of Circulating Fluidized Bed Riser" ASME 2016 Power and Energy Conference   North Carolina, USA, June 26-30, 2016

551. Tanmay Gupta, Bhagat Kewlani, Kiran D. Mali*,   Study on the Use of Boundary Characteristic Orthogonal Polynomials in Determining the Fundamental Frequency of Rectangular Plates with Bidirectional Linear Thickness Variation" International Conference on Mechanical Engineering Design (ICMED 2016), Chennai. April 25- 26, 2016

552. Iniyan N. Kulkarni D M and Savio D.S.A Lourenço, "Mechanical performance of dental implants: comparison of Titanium vs. Zirconia" 3rd International Conference on BioTribology (ICoBT 2016). Imperial College of London (UK)   11-15-Sep-2016   International

553. A.C. Kulkarni, Kulkarni D. M. and Dube A. "Experimental investigation of wear for hip implant material using designed and developed screening devices" 3rd International Conference on BioTribology (ICoBT 2016). Imperial College of London (UK) 11-15-Sep-2016

554. Parth Chaturvedi and Varinder SIngh "Simulation and Optimization of a supply chain system" 9th ISDSI(Indian Subcontinent Decision Sciences Institute) International conference,GIM, Goa, paper no. 215 Goa Jan 2-4, 2016

555. Palash Dhir and Varinder Singh, "Implementing Analytics in a Case of e-business" 0th ISDSI(Indian Subcontinent Decision Sciences Institute) International conference,MET BKC, NashikGIM, Goa, paper no. 242   Nashik Dec 28-30, 2016

556. Thermal hysteresis in Seebeck coefficient of MoTe2 crystals. Dhavala Suri, S. P. Dash, and R. S. Patel. 5th International Chalcogen Conference, 19-21 December 2016, Goa

557. Electron-electron scattering dominance in MoTe2 crystals at low temperatures. Dhavala Suri, S. P. Dash, and R. S. Patel. 61st Annual conference on Magnetism and Magnetic Materials, New Orleans, Louisiana, October 31 - November 4, 2016

558. Effect of non-linear vector interactions in nuclear matter', by Tuhin Malik, Kinjal Banerjee, T.K. Jha. 2015, Published in DAE Symp.Nucl.Phys. 60 (2015) 878-879.

559. 'Modified chiral potential and neutron stars', by Tuhin Malik, Kinjal Banerjee, T.K. Jha and B. K. Agrawal. 2016, Published in DAE Symp.Nucl.Phys. 61 (2016) 872.

560. 'Modified chiral potential and neutron stars with hyperons' by Tuhin Malik, Kinjal Banerjee, T.K. Jha and B K Agrawal. 2016, Published in DAE Symp.High Energy Phys Symposium, 2016.

561. 'Neutron Stars with Delta Isomers', Debashree Sen and T.K. Jha, DAE Symp.Nucl.Phys. 61 (2016) 892.

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672. M. K. Kaushik, Y. Yoganandam, 2016   "Studies on Route Sustenance and Outage Probability in Cognitive Mobile Secondary User Networks,"Studies on Route Sustenance and Outage Probability in Cognitive Mobile Secondary User Networks," IEEE International Symposium on Embedded Computing and System Design (ISED), IIT Patna, December 15-17, 2016.

673. Puranam Sai Akhil and Alivelu M. Parimi, "Synchronization of Motion from Multiple Humans and Humanoid Robot based on Kinect V2" IEEE 11th International Conference on Industrial and Information Systems (ICIIS), IIT Roorkee, Uttarakhand, Dec.3-4, 2016,

674. M. T. L. Gayatri, Alivelu M. Parimi "Power Quality Conditioning of PV-Wind Microgrid to provide Harmonic Reactive Power Compensation Using Series APF Aerospace" Electronics Electrical Communication and Instrumentation 2016 (ASECI) 2016, 22-23rd October 2016

675. Ramchandra Nittala , Alivelu M.Parimi , K. Uma Rao "A Real Time Application of IDVR for Improvement of Power quality" Aerospace Electronics Electrical Communication and Instrumentation 2016 (ASECI 2016) 22-23rd October 2016

676. T. Haripriya; Alivelu M. Parimi; U. M. Rao, "Performance evaluation of DC grid connected solar PV system for hybrid control of DC-DC boost converter" IEEE 2016 10th International Conference on Intelligent Systems and Control (ISCO) 2016

677. SuyashYeotikar, Alivelu M Parimi, Y.V.D Rao, Automation of end effector guidance of robotic arm for Dental Implantation using Computer Vision" IEEE International conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2016), (NITK), Surathkal 13-14, August 2016

678. A.V. Pavan Kumar; Alivelu M. Parimi; K. Uma Rao, Performance analysis of voltage regulated inverter for FLC based PV-wind hybrid power system with real time data" IEEE International Conference on Emerging Trends in Engineering, Technology and Science (ICETETS), 2016

679. T Hari Priya; Alivelu M. Parimi; U. M. Rao "Performance evaluation of high voltage gain boost converters for DC grid integration" IEEE 2016 International Conference on Circuit, Power and Computing Technologies (ICCPCT) 2016

680. V. Pavan Kumar; Alivelu M. Parimi; K. Uma Rao "A comparative analysis of Load Frequency Control Strategy of a Voltage Source Inverter for a stand-alone PV-Wind hybrid system" IEEE 2016 IEEE 6th International Conference on Power Systems (ICPS) 2016

681. M. T. L. Gayatri; Alivelu M. Parimi "Mitigation of supply & load side disturbances in an AC Microgrid using UPQC" IEEE 6th International Conference on Power Systems (ICPS), 2016

682. M.T.L.Gayatri and A. M. Parimi, A V Pavan "Utilization of Unified Power Quality Conditioner for voltage sag/swell mitigation in microgrid" IEEE 2016 Biennial International Conference on Power and Energy Systems: Towards Sustainable Energy (PESTSE), 2016

683. T. Hari Priya; Alivelu M. Parimi; U. M. Rao "Development of hybrid controller for photovoltaic based DC-DC boost converter in DC grid connected applications" 2016 IEEE International Conference on Circuit, Power and Computing Technologies (ICCPCT), 2016

684. M.T.L.Gayatri and A. M. Parimi, A V Pavan "Microgrid reactive power compensation using UPQC with common DC link energy restored by PV array" 2016 IEEE International Conference on Emerging Trends in Engineering, Technology and Science (ICETETS), 2016

685. Y.V.D Rao, Alivelu M Parimi, D.S.P Rahul, Dikshant Patel, Y.V Nitin Mythreya "Robotics in Dental Implantation" International Conference on Advancements in Materials for Manufacturing (ICAAMM-2016). Published in "Elsevier Materials Today Procedia   2016

686. Y. V. D Rao, Alivelu M Parimi, D. S. P. Rahul, Dikshant Patel, Y. V. Nitin Mythreya "Robotics in Dentistry" 22nd Conference On Mechanical Engineering and Technology , IIT (BHU), Varanasi January 15-17, 2016

687. Chetan Vudadha, Sai Phaneendra P and M.B. Srinivas "An Efficient Design Methodology for CNFET based Ternary Logic Circuits   " IEEE International Symposium on Nanoelectronic and Information Systems (IEEE-iNIS) -2016

688. Dr. Sudatta Banerjee- "A Comparative Study of Determinants of Quality of Education in Private and Government Schools: A Case Study of the Schools of Burdwan, West Bengal," 52nd Annual Conference of the Indian Econometric Society (TIES) held in IIM Kozhikode, India, January 4-6, 2015.

689. Dr. Sudatta Banerjee- "Effects of Personality Traits on Facebook Behaviour" 53rd Annual Conference of the Indian Econometric Society (TIES) held in NISER Bhubaneswar, India, December 22-24, 2016

690. *Swati Alok , "A Survey on Financial literacy of Indian Youth: A Study on Hyderabad-Secunderabad Twin Cities" in 52nd Annual Conference of The Indian Econometric Society (TIES) at IIMK, Khozikode, (4-7 Jan, 2016)*

691. Swati Alok, "The Big Five personality dimensions and Facebook behaviour: A study on Indian youth" in 26th Annual Conference of National Academy of Psychology(NAOP) 2016 at IIT Madras (29-31 December, 2016).

692. Archana Srivastava- Testing of Stolper-Samuelson Theorem for India – A Translog Production Function Approach, 53rd Indian Econometric Society Conference at (NISER), Khordha, Odisha, India, 22-24 Dec 2016.

693. Dr. C Hussain Yaganti, An analysis of time to maturity and volume effects on volatility:Commodity Futures Markets, 53rd Indian Econometric Society Conference at (NISER), Khordha, Odisha, India, 22-24 Dec 2016.

694. Dr. Mini Thomas P, Impact of Services Trade on India's Economic Growth and Current Account Balance: Evidence from post-reform period, 6th Annual Research Conference of Maastricht School of Management, Netherlands, 9 Sept 2016.

695. Dr. Mini Thomas P, Impact of Services Trade on India's Economic Growth and Balance of Payments: An Alternative Approach, 14th Development Dialogue at International Institute of Social Studies (ISS), Hague, Netherlands., 21-22 Nov 2016.

696. Nhung Do and Vijaya B Marisetty, Can Political Connections Help Nation Building in Emerging Markets? Evidence from Public-Private Partnerships in China and India. Emerging Markets Finance Conference,Mumbai, December 13- 17th 2016.

697. Dr. Thota Nagaraju, Does A Debt Relief Lead To Increased Precautionary Savings Evidence From A Policy Experiment, 53rd Indian Econometric Society Conference at (NISER), Khordha, Odisha, India, 22-24 Dec 2016

698. Dr. Thota Nagaraju, Evaluating Concentration, Competition, Efficiency and their relationship in the Indian banking sector since 1980, Indian Economic Association's 99th Annual Conference at S V University , Tirupathi., 27-29 Dec 2016.

699. Dr. Rishi Kumar, Presentation of paper "Local Governance in Tribal Dominated Areas-Improving Inclusiveness? A Case Study", 10th ICSSR-NRCT joint seminar on "Democracy and Governance in India & Thailand", 06-07 Sep 2016

700. Maya Vinai Gauging the role of Socio-cultural events in selection of themes in Temple Art Forms like Krishnanattam and Koodiyattam Epic in IndiaCentre for Comparative Literature, University of Hyderabad (HCU) held from 24- 26th August 2016   National   2016

701. Santosh Mahapatra "Formative assessment is diluting the quality of students": Examining the Impact of School Assessment Culture on ESL Teachers' Classroom Assessment Practices, 3rd International ELT Conference, March 5 – March 6, 2016, Amity University, Lucknow. Intenrational, 2016.

702. Shamuel Tharu "Wither Pax Academica: Violence in/on/by the University" "Human Sciences and the Future of the University" International, 2016

703. V N Balavignesh, B Balasubramaniam, N Kotkunde, "Numerical Investigations of Fracture Parameters for a Cracked Hydraulic Cylinder Barrel and its Redesign', 5th International Conference of Materials Processing and Characterization (ICMPC 2016) India.

704. N Kotkunde, A Balu, A K Gupta, S K Singh, "Development of Predictive Models for Formability Study of Ti-6Al-4V alloy at Elevated Temperatures", 5th International Conference of Materials Processing   and   Characterization   (ICMPC   2016)   India.

705. C. Srinivasu, S K Singh, G Jella, L Jayahari, N Kotkunde, A K Gupta, "Study of Limiting Dome Height and Temperature Distribution in Warm Forming of ASS304 Using Finite Element Analysis", 5th International Conference of Materials Processing and Characterization (ICMPC 2016) India.

706. N Kotkunde, G Krishna, A K Gupta, S K Singh, "Investigations of Marciniak-Kuczynski (M-K) Theoretical Model for Forming Limit Curve Prediction of Ti-6Al-4V Alloy", International Symposium on Engineering and Technology (ISET-2016) India.

707. P Reddy, K R C Murthy, Niranjan Ravuri, R. Parameshwaran, Y V D Rao, "Review of Design Aspects of Maryland Forceps", Recent Advances in Manufacturing and Robotics (RAMR-2016) India.

708. G M M Reddy, C P Kiran,   "Experimental Investigation of Turning of Turbine Blade Material AISI 410 Under Minimum Quantity Cutting Fluid", 5th International Conference of Materials Processing and Characterization (ICMPC 2016) India.

709. G M M Reddy and C P Kiran, "A Review on Ecofriendly Cutting Fluids and Techniques Used in Material Cutting Operation", Recent Advances in Manufacturing and Robotics (RAMR 2016) India.

710. C J A Raj, C P Kiran, "Machining Of AISI 316 Steel Using Water Droplets As Cutting Fluid", Recent Advances in Manufacturing and Robotics (RAMR 2016) India.

711. M M Reddy, C P Kiran, "Investigating the Machining Performance of Turbine Blade Profile Using SiO_2 Nano Particle Based Eco-Friendly Cutting Fluid", $XIII^{th}$ International conference on high speed machining (HSM 2016) Metz, France.

712. S T Ahmad, S Datta, S K Singha, S P Datta, P K Das, "A Comparative Study of Temporal Evolution of Air And Steam Bubbles Emerging Out From An Orifice In A Quiescent Water Media", 9th International Conference on Multiphase Flow (ICMF-2016) Firenze, Italy.

713. R. Parameshwaran, V. V Ram, "Hybrid Nanocomposite Embedded PCM-Based Cement-Mortar Thermal Storage Material for Energy Efficient Buildings", Proceeding of International Conferences on Materials Sciences and Technology (ICMTECH 2016) India.

714. K Anwar, S S Deshmukh, "Modeling and Management of Microgrid, Its Future with Associated Barriers and Success Factors", Global Conference on Renewable Energy (2016) NIT Patna, India.

715. K Anwar, S S Deshmukh, R Kumbhare, M Shekhar, "Modelling of Solar Energy Potential Using Artificial Neural Network In Andhra Pradesh And Telangana, India", International Conference on Energy Systems and Developments, (2016) India.

716. Moldgy, R Parameshwaran, "Solar Thermal Energy Storage for Heating Applications - A Review, International Conference on "21st Century Energy Needs – Materials, Systems and Applications 2016", (ICTFCEN 2016), IIT Kharagpur, India.

717. A Moldgy, R Parameshwaran, "Study on Thermal Energy Storage Properties of Organic Phase Change Material for Waste Heat Recovery Applications", International Conference on Material Sciences (SCICON' 16), Coimbatore, India.

718. G Abhishek, V Ramsankar, M Sreesankaran, G R Sabareesh, N Jalaiah, Effect of Vehicle Body Geometry and Passive Drag Reduction Techniques on Drag Coefficients", 8th International Colloquium on Bluff Body Aerodynamics and Applications (2016) USA.

719. G R Sabareesh, J Wang, S Cao, M Matsui, Y Tamura, Studies on Interference Effects of Building Models Exposed to Tornado-Like Vortex", 8th International Colloquium on Bluff Body Aerodynamics and Applications (2016) USA.

720. M Das, A Agrawal, A Sonone, R Gupta, D Upadhyay, Y V D Rao, Arshad Javed, "Developing a Bioinspired Pole Climbing Robot", IEEE International Conference on Robotics: Current Trends and Future Challenges (RCTFC 2016), SASTRA University, India.

721. B Madhavi, S K Anvesh, and Jeevan Jaidi, "Finite Element Modelling of Friction Stir Welding Process to Study the Thermal Impact and Evolution of Stresses in Aluminium-alloy Plates", 6th International and 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) India.

722. A Priyadarshini, A Ratnaparkhi,, A Kumar, "FE Simulations of Uniaxial Tensile Tests of AA6082 at Different Strain Rates", International Conference in advancement in materials for manufacturing (ICAAMM 2016) India.

723. R Kumbhare, T Rajgaonkar, P Kichlu, A Priyadarshini, "Use of Taguchi analysis and GA for optimization of cutting forces and surface roughness in turning operation", (RAMR 2016), India.

724. C K Sagar, A Priyadarshini, "Prospects of high entropy alloys in aerospace applications", (RAMR 2016), India.

725. Prof. S P Regalla, "Hybrid Rapid Spinning And Incremental Sheet Metal Forming Of Extra Deep Drawing (Edd) Steel", Proceedings of the ASME 2016 International Mechanical Engineering Congress & Exposition, IMECE 2016, Nov 11-17, 2016, Phoenix, AZ, US, 2016.

726. Prof. S P Regalla, "Parametric Study of the Effect of Particles and Contaminants on the Static Response of a MEMS System", Proceedings of the ASME 2016 International Mechanical Engineering Congress & Exposition, IMECE 2016, Nov 11-17, 2016, Phoenix, AZ, USA, 2016.

727. Dr. Sharan Gopal presented the research paper on "Discrete Switch Dynamical Systems" in the International 82nd Annual Conference of Indian Mathematical Society held at University of Kalyani, West Bengal during 27th – 30th December, 2016.

728. Dr. Sumit Kumar Vishwakarma presented the research paper on "On Love frequency in an Orthotropic Crustal Layer" in the International Conference of the Indian Mathematics Consortium (TIMC) in cooperation with American Mathematical Society (AMS), BHU, Varanasi, during 14th - 17th December, 2016.

729. Prof. P. K. Sahoo visited Krakow, Poland to give an invited talk on "Kaluza - Klein dark energy model in the form of wet dark fluid in f(R,T) gravity" in the 3rd Conference of the Polish Society on Relativity held at Faculty of Physics, Astronomy and Applied Computer Science, Jagiellonian University, Krakow, Poland during 25th - 29th September, 2016.

730. Prof. B. Mishra delivered a talk entitled "Anisotropic Bianchi Type VIh Cosmological Models in Modified Gravity in the International Conference on Cosmology on Small Scales 2016 held at Institute of Mathematics of the Czech Academy of Sciences, Prague during 21st – 24th September, 2016.

731. Dr. Sharan Gopal delivered a talk entitled "A Note on Characterization of Sets of Periodic Points" in the 31st Summer Conference on Topology and its Applications held at University of Leicester, UK during August 2nd – 5th, 2016.

732. Prof. Michael Alphonse delivered a talk entitled "Domination on Circulant Graphs with Two Chord Length" in the 1st IMA Conference on Theoretical and Computational Discrete Mathematics held at The Enterprise Centre, University of Derby, UK during 22nd – 23rd March, 2016.

733. Prof. B. Mishra delivered a talk on "Two Fluid Anisotropic Dark Energy Cosmological Model in Bianchi type V Space - Time" in the cosmology session of "51st Rencontres de Morindo" held at La Thuile, Aosta Valley, Italy during 19th – 26th March, 2016. This visit was funded by ARIES.

734. Prof. P. K. Sahoo visited Yukawa Institute for Theoretical Physics, Kyoto University, Kyoto, Japan to give an invited talk at the Yukawa International School on "Strings and Fields" on "Bianchi type string cosmological models in f(R, T) gravity" during 29th February – 4th March, 2016 with full funding support from Kyoto University.

735. Dr. Manish Kumar attended National Conference on Analysis and Applications (NCOAA - 2016, BHU) organized by Department of Mathematics, Institute of Science, Banaras Hindu University, Varanasi, India during February 5th – 7th, 2016 and presented a paper entitled "An application of wavelets and ARIMA in Time Series Forecasting".

736. Prof. B. Mishra delivered a talk entitled "Einstein - Rosen Cosmological Model in Modified Theory of Gravity" in the 2nd International Conference on Mathematical Sciences and Statistics (ICMSS - 2016) held at Universiti Putra Malaysia, Kuala Lumpur during 26th – 28th January, 2016.

737. Screening of phyto-compounds to identify cytotoxic lead molecules against A549, MDA-MB and HT-29 cell lines and their isolation methods. Indian Pharmaceutical Congress, Visakhapatnam, Dec 16-18, 2016.

738. Synthesis of O-glucoside of natural cleomiscosin-A as TNF-α inhibitor, Indian Pharmaceutical Congress, Visakhapatnam, Dec 16-18, 2016.

739. Development of Histone Deacetylase (HDAC) Inhibitors as Anticancer Agents, National Conference on Advanced Therapeutics-2016 (ACT-2016), CSIR-IICT, Hyderabad, April 4th, 2016.

740. Cardioprotective effect of novel alagebrium analogs, SPRA, Hyderabad, 2nd July, 2016.

741. B.Rajesh Kannan and B.Harihara Venkataraman, "Interesting property studies of $SrBi_2Ta_2O_9$ and $Sr(Bi_{0.95}Sm_{0.05})_2Ta_2O_9$ ferroelectric ceramics fabricated by molten salt flux method", IEEE International Conference on the Application of Ferroelectric Materials, Darmstadt, Germany, 21 - 25 August 2016

742. "Determining metrics for reconstruction of cornea using image processing and neural network modelling" Abishek Krishnan, P.K.Thiruvikraman, and C.Jagadesh Reddy, presented at Indian Eye Research Group ARVO-India Chapter 23rd Annual Meeting, July 30-31, 2016

743. Mixing through Vortex Shedding in a Microfluidic Channel: A numerical simulation study, Y. V Nitin Mythreya, Y. V. Subba Rao, Aravinda N. Raghavan and Meenakshi V, Oral presentation in the 5th Micro and Nano Flows conference series, MNF2016,10–14 September 2016, Politecnico di Milano, Italy

744. Fabrication and characterization of polyvinylidene fluoride microfilms for microfluidic applications, Y. V. Subba Rao, Aravinda N. Raghavan and Meenakshi V, Oral presentation in Recent Advances in Nano Science And Technology 2015 (RAINSAT2015), 8th - 10th July, 2015, Sathyabama University , Chennai.

745. Dr. Bharat Bhushan Gulyani and Arshia Fathima, Introducing Ensemble Methods to Predict the Performance of Waste Water Treatment Plants (WWTP) ICEPP 2016, Kyoto, Japan, December 25-27, 2016, http://www.icepp.org/com.html

746. R. Srinivas and A.P. Singh, Application of fuzzy multi-criteria approach to assess the water quality of river Ganges, International Conference on Soft Computing: Theories and Applications (SoCTA-2016), Amity University Rajasthan, Jaipur, India, 28-30 December, 2016. (Paper No. 81).

747. R. Srinivas, A.P. Singh and T.A. Borthakur, Impact Assessment of Open Drains in River Ganges Using Scenario Based Water Quality Modeling, Proceedings of Hydro 2016 International: 21st International Conference on Hydraulics, Water Resources and Coastal Engineering, CW&PRS PUNE, INDIA, 8-10 December. 2016.

748. H. Puppala, A. Ingale, A.K. Sarkar, A. P. Singh, Three-Step Floating Catchment Area Method to Quantify the Spatial Accessibility to Health Care facilities. 12th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), Indian Institute of Technology Bombay, Mumbai, India, 19-21 December 2016. (Paper No. 135-Best paper award).

749. S. Kanuganti, A.K. Sarkar, A.P. Singh, Impact Assessment of Road Construction on Rural Accessibility: A Case Study in India, National Conference on Fifteen Years of PMGSY (FYPMGSY), Indian Institute of Technology Roorkee, Roorkee, India, 6-7 August, 2016. (Paper No. D-4: 1-17).

750. A.S. Mane, S.N. Gujarathi, S.S. Arkatkar, A.K. Sarkar, A. P. Singh, Methodology for Pavement Condition Assessment and Maintenance of Rural Roads, National Conference on Fifteen Years of PMGSY (FYPMGSY), Indian Institute of Technology Roorkee, Roorkee, India, August 6-7, 2016. (Paper No. C-6: 1-14).

751. K. Shalini, R. Agarwala, B. Dutta, P.N. Bhanegaonkar, A.P. Singh, and A.K. Sarkar, A.K. (2016). Road safety analysis using multi criteria approach: A case study in India, presented in 14th World Conference on Transport Research, Shanghai, China, 10-15 July, 2016. (Paper no. H2-PO6: 1-10).

752. M. Wagale, A.P. Singh, A. Singh, Neural Networks approach for evaluating quality of service in public transportation in rural areas, India International Conference on Information processing (IICIP-2016), Delhi Technological University, India, 12-14 August, 2016. (Paper No. TS 4: SC&EC-IV-540).

753. K. Madan, A.P. Singh and A. Kumar, Design of Water Distribution Systems Using Genetic Algorithm, 4th United Arab Emirates Undergraduate Student Research Competition, Abu Dhabi University, Abu Dhabi, 09 May 2016.

754. Shumayal and A.P. Singh, Fluid Dynamics Approach to Traffic Flow in Selected Stretches of Highways, Internal Roads and Junctions in the UAE, 4th United Arab Emirates Undergraduate Student Research Competition, Abu Dhabi University, Abu Dhabi, 09 May 2016.

755. H. Puppala, S. Kanuganti, A.K. Sarkar, A.P. Singh, Part to Whole Methodology in Planning to Enhance the Spatial Accessibility to Health Care Facilities Using GIS; at Geo smart India-2016, India Expo Center, Greater Noida, India, 1-3 March, 2016. (Paper No.: Youth Forum: 57).

756. V. Swathi, K.S. Raju, A.P. Singh, Application of Storm Water Management Model to an Urban Catchment, International Conference on Water, Environment, Energy and Society (ICWEES-2016) organized jointly by the Texas A & M University, Texas, USA and AISECT University, Bhopal, India, 15 – 18 March, 2016.

757. K.S. Raju, G. Akshara, A.P. Singh, and A. Vasan, Application of Multiple Linear Regression as Downscaling Methodology for Lower Godavari Basin, International Conference on Water, Environment, Energy and Society (ICWEES-2016) organized jointly by the Texas A & M University, Texas, USA and AISECT University, Bhopal, India Bhopal, India, 15 – 18 March, 2016.

758. A.P. Singh, P. Shrivastava, and A.K. Vidyarthi, Potential Impacts of Climate Change in Water Resources Management of Chittorgarh, District, Rajasthan, India, International Conference on Water, Environment, Energy and Society (ICWEES-2016) organized jointly by the Texas A & M University, Texas, USA and AISECT University, Bhopal, India Bhopal, India, 15 – 18 March, 2016.

759. A.P. Singh, P. Bhakar, Ground Water Quality Assessment in Hyper-Arid Region of Western Rajasthan Using Multivariate Statistical Analysis, Eighth International Perspective on Water Resources and the Environment conference organized by the American Society of Civil Engineers (ASCE) and the Environmental and Water Resources Institute (EWRI) held in Colombo, Sri Lanka, 4-6 January, 2016.

760. R. Srinivas, and A.P. Singh, A fuzzy based multi-criteria decision making approach for assessing the sustainability of river Ganga, Eighth International Perspective on Water Resources and the Environment conference organized by the American Society of Civil Engineers (ASCE) and the Environmental and Water Resources Institute (EWRI) held in Colombo, Sri Lanka, 4-6 January, 2016.

761. Aamir Jamal (2013AAPS049), presented a research paper on " Design and performance analysis of Micro strip Patch Antenna following IEEE 802.11b/g/a specifications" 2nd IEEE International Conference on Human Computer Interactions (ICHCI'16) held at NALLI ARANGAM, SAVEETHA UNIVERSITY, CHENNAI. Tamil Nadu and obtained BEST PAPER award.

762. PhD Scholar Arivarasi presented two papers at WCECS 2016 in San Francisco, USA during 19-21 October 2016.

763. FD student Shamith also presented one paper at WCECS 2016 conference. The work was done as part of Shamith's study project.

764. Rafsa T. Koyadeen (ME student from Calicut University and who did her ME project research at BITS Pilani, Dubai Campus) presented a paper Simulation and Analysis of BDT Molecule with Au Electrodes as a Molecular Switch at UKSim 2016 at Cambridge University UK, 6-8 April 2016.

765. Dr. Mary Lourde R., Participated in a two day workshop on " 3DPAD - 3D Printing Applications to Delivery" organized by IBCI, Dubai during April 6-7, 2016.

766. Dr. Mary Lourde R., Participated in a five day Workshop on "Cadence, Synopsys and Mentor Graphics" (16-20 May, 2016) at BITS Pilani K. K. Birla Goa Campus INDIA

767. Swati Sinha, attended the symposium and presented a paper titled "An Objective Method for the Removal of RFI and Clutter in Wind Profiler Doppler Spectra" at 2016 IEEE 59th International Mid West Symposium on Circuits And Systems MWSCAS, Abu Dhabi in October 2016.

768. Swati Sinha, attended the conference and presented a paper titled "Doppler Feature based Classification of wind profiler data", at 2016 International Conf. on Communication, Image and Signal Processing (CCISP 2016), Dubai in November,2016

769. Azhar Syed , Mohammed Azeem Gafoor , Aamir Jamal Dr. Abdul Rajak "Study on Patch Antennas for various purposes A Literature Survey"3 rd International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS)-2016 Sasi Institute of Technology & Engineering, Near Aerodrome, West Godavari, Tadepalligudem, Andhra Pradesh, India, 534101

770. P. K. R. Yelampalli and J. Nayak, "Local Diagonal Laplacian Pattern: A New CT and MR Feature Descriptor," in International Conference on Advanced Computing and Intelligent Engineering, Bhubaneswar, 2016.

771. Maruthi Sai Dhiraj Sakhamuri,SadjyotBiswal, Miller Jothi , Udayakumar R" Design of Formula SAE Car's Suspension Geometry using Lotus Shark Suspension Analyzer " International Journal of Arts & Sciences (IJAS) International conference(Track: Engineering and technology), Al Ain University of Science and Technology, 31 Jan to 4 Feb2016

772. Biswal, S., Prasanth, A., Naranje V., Design and optimization for a formula SAE diffuser using CFD for increased track performance. The World Congress on Engineering, organized by the International Association of Engineers (IAENG), London, U.K., 29 June - 1 July, 2016.

773. Khurana, S., & Suzuki, K., Hemi-Blunt Forward Stagnation Surface for Vehicles in Hypersonic Flow. 2016 RAeS Applied Aerodynamics Conference, Bristol, United Kingdom, 19-21 July, 2016.

774. Lekha R.Nair, Sarath Saleem, Sujala D. Shetty,, "Scalable Interactive Geo Visualization Platform for GIS Data Analysis ", 2nd IEEE International Conference on Big Data Intelligence and Computing, Newport Beach, August 8-10, 2016, New Zealand

775. Ganesh, G., Srinivasan, P., Sood, N., & Gokhale, T. Synthesis of metal nanoparticles using Stenotrophomonasmaltophilia and Bacillus subtilis isolated from the natural habitats of UAE. American Society of Microbiologist Microbe 2016, Boston, USA, 16-20 June, 2016. (online proceedings)

776. Gokhale, T., Biswal, S., Thapa, A., &Sood N. Development Of A Biosensor Using PhotobacteriumSpps For The Detection Of Environmental Pollutants, American Society of Microbiologist Microbe 2016, Boston, USA, 16-20 June 2016. (online proceedings)

777. Balaji, S., Vasudev, K.A., Srinivasan, P., Singh, S., Sood N., Gokhale T.S., & Subramanian, R. Prevalence of Antibiotic Resistance among Biofilm forming Bacteria Isolated from Domestic Environments in Dubai. American Society of Microbiologist Microbe 2016, Boston, USA, 16-20 June 2016. (online proceedings)

778. Ganesh, G., Nandkumar, A., Srinivasan, P., Sood N., &Gokhale, T. A Study on heavy metal resistance in Stenotrophomonasmaltophilia and Bacillus subtilis for applications in bioremediation. Current Trends in Biotechnology, Manipal University in association with American Society of Microbiologist, Dubai, UAE, 3-4 May 2016. (online proceedings)

779. Srinivasan, P., Balaji, S., Singh, S., Sood, N., Gokhale, T., Somasundaram R., & Subramanian R. Antibiotic resistance among biofilm forming bacteria in domestic environments. Current Trends in Biotechnology, Manipal University in association with American Society of Microbiologist, Dubai, UAE, 3-4 May 2016.

780. Singh S., Gokhale T., Subramanian S., &Sood N. Screening of bacterial diversity in Dubai Beaches. Current Trends in Biotechnology, Manipal University in association with American Society of Microbiologist, Dubai, UAE, 3-4 May 2016.

781. Vijaya Ilango and Snatika Sarkar, "Improvement of Fuel Cell Performance by Application of Carbon Nanotubes", International Conference on "Engineering & Technology, Computer, Basic and Applied Sciences"- ECBA-2016 held on June 10-11, 2016,Dubai,UAE.

782. A Balasubramanian, A Somasundram, Institutional preparedness for e-governance in Indian Affiliating Universities: A study on the views of Administrative Faculty, 4th Global Conference on Business & Social Sciences 2013, held during November 14th – 15th 2016, Dubai.

783. SV. Divyarashmi, A.Somasundaram and S. Arumugam, Global Secure Domination in Graphs, International Conference on Theoretical Computer Science and Discrete Mathematics held during December 19-21, 2016 at Kalasalingam University India.

784. S .Rajeswari, M.Indhumathy, A.Somasundaram, Neeru Sood and S. Arumugam, Identification of Salinity stress tolerant, International Conference on Theoretical Computer Science and Discrete Mathematics held during December 19-21, 2016 at Kalasalingam University India.

785. Faculty members of General Sciences participated in the Workshop on "Effective Teaching and Learning" conducted by TLC, BITS Pilani Dubai Campus, Dubai during 12th-14th March 2016.

786. Vipul Parmarthi and Lajwanti Kishnani, Indianizing the English Classic Othello in Vishal Bharadwaj's Hindi Movie Omkara-A Case Study, International Conference titled-"Indian Cinema : Past , Present and Future", The Conference proceedings was published by Vidhya Prasarkar Mandal .ISBN :978-81-922741-9-7, Pg No. 47-49, VP Bedekar College Thane , 8-9 January 2016.

787. Sheetal Desai and Lajwanti Kishnani, The New Age Bollywood Heroine :Breaking Stereotypical Norms, International Conference titled-International Conference held at Manipal University Dubai , 15 May, 2016.

788. Khushboo Agarwal, Priyanka Deshpande & Shazi Shah Jabeen. 'Factors Influencing Intention to Purchase Halal Products (Case Study: Dubai, U.A.E)', 4th United Arab Emirates Undergraduate Student Research Competition at Abu Dhabi University, Khalifa City Campus, UAE, 9 May 2016

B 3.5) Scopus Indexed Publications

S.No.	Authors	Title	Year	Source title	Vol.	Issue
1.	Puratchikody A., Sriram D., Umamaheswari A., Irfan N.	3-D structural interactions and quantitative structural toxicity studies of tyrosine derivatives intended for safe potent inflammation treatment	2016	Chemistry Central Journal	10	1
2.	Gupta D., Prabhakar V., Radhakrishnan M.	5HT3 receptors: Target for new antidepressant drugs	2016	Neuroscience and Biobehavioral Reviews	64	
3.	Krishna V.S.R., Singhal R.	720-Mbps 64-QAM-OFDM SCM transmission over RGB-LED-based FSO communication system	2016	IFIP International Conference on Wireless and Optical Communications Networks, WOCN	2016-November	
4.	Kadam B.V., Gudino L.J., Ramesha C.K., Nagaraju S.	A Band-notched Ultra-wideband Compact Planar Monopole Antenna with U-shaped Parasitic Element	2016	Procedia Computer Science	93	
5.	Mahapatra B.B., Marathe S.A., Meyer-Rochow V.B., Mishra M.	A closer look at the feather coloration in the male purple sunbird, Nectarinia asiatica	2016	Micron	85	
6.	Govada A., Sahay S.K.	A communication efficient and scalable distributed data mining for the astronomical data	2016	Astronomy and Computing	16	
7.	Prasanna P.S., Sreedhar M., Suresh Kumar L.V.	A comparative analysis of circulating current controllers for modular multilevel converters	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
8.	Sreedhar M., Panigrahi C.K., Kumar L.V.S., Das M.	A comparative analysis of circulating current controllers for modular multilevel converters	2016	2015 IEEE Power, Communication and Information Technology Conference, PCITC 2015 - Proceedings		
9.	Kumar A.V.P., Parimi A.M., Rao K.U.	A comparative analysis of Load Frequency Control Strategy of a Voltage Source Inverter for a stand-alone PV-Wind hybrid system	2016	2016 IEEE 6th International Conference on Power Systems, ICPS 2016		
10.	Jiang H., Liu C., Maheshwari N., Lombardi F., Han J.	A comparative evaluation of approximate multipliers	2016	Proceedings of the 2016 IEEE/ACM International Symposium on Nanoscale Architectures, NANOARCH 2016		
11.	Tyagi I., Tiwari V., Chaubey V.K.	A comparative performance analysis of different pulse shapes for optical transmission	2016	2015 International Conference on Control,		

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				Communication and Computing India, ICCC 2015		
12.	Panda A., Rummer P., Goveas N.	A comparative study of GPU verify and GKLEE	2016	2016 4th International Conference on Parallel, Distributed and Grid Computing, PDGC 2016		
13.	Jha K., Sinha N., Arkatkar S.S., Sarkar A.K.	A comparative study on application of time series analysis for traffic forecasting in India: Prospects and limitations	2016	Current Science	110	3
14.	Patra T.K., Nimisha K.R., Sheth P.N.	A comprehensive dynamic model for downdraft gasifier using heat and mass transport coupled with reaction kinetics	2016	Energy	116	
15.	Singh A., Gupta K.K.	A contrast enhancement technique for low light images	2016	AIP Conference Proceedings	1715	
16.	Sajja Y., Vanguru S., Jilla L., Vulupala H.R., Bantu R., Yogeswari P., Sriram D., Nagarapu L.	A convenient synthesis and screening of benzosuberone bearing 1,2,3-triazoles against Mycobacterium tuberculosis	2016	Bioorganic and Medicinal Chemistry Letters	26	17
17.	Subudhi A.K., Boopathi P.A., Middha S., Acharya J., Rao S.N., Mugasimangalam R.C., Sirohi P., Kochar S.K., Kochar D.K., Das A.	A cross strain Plasmodium falciparum microarray optimized for the transcriptome analysis of Plasmodium falciparum patient derived isolates	2016	Genomics Data	9	
18.	Gosala N.B., Chaudhuri S., Adusumilli M., Sethi K.	A deep learning approach towards cross-lingual tweet tagging	2016	CEUR Workshop Proceedings	1737	
19.	Sarmah A., Roy R.K.	A density functional reactivity theory (DFRT) based approach to understand the effect of symmetry of fullerenes on the kinetic, thermodynamic and structural aspects of carbon NanoBuds	2016	Chemical Physics	472	
20.	Pavan Kumar A.V., Parimi A.M., Uma Rao K.	A discrete PLL based load frequency control of FLC-based PV-wind hybrid power system with real time data	2016	International Journal of Power Electronics and Drive Systems	7	4
21.	Naik B., Moitra D., Dayananda D., Hazra S., Ghosh B.K., Prasad S.V., Ghosh N.N.	A facile method for preparation of TiO2 nanoparticle loaded mesoporous γ-Al2O3: An efficient but cost-effective catalyst for dye degradation	2016	Journal of Nanoscience and Nanotechnology	16	8
22.	Nanda S., Hasan S., Pujari S.S., Dash P.K.	A fast hybrid adaptive filter for parameter estimation of non stationary sinusoid under noise	2016	2015 IEEE Power, Communication and Information Technology Conference,		

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				PCITC 2015 - Proceedings		
23.	Bhamu J., Sangwan K.S.	A framework for lean manufacturing implementation	2016	International Journal of Services and Operations Management	25	3
24.	Mishra A., Bansod D., Haribabu K.	A framework for OpenFlow-like Policy-based routing in hybrid software defined networks	2016	Proceedings of the 11th International Network Conference, INC 2016		
25.	Jindal A., Sangwan K.S.	A fuzzy-based decision support framework for product recovery process selection in reverse logistics	2016	International Journal of Services and Operations Management	25	4
26.	Gepperth A.R.T., Hecht T., Gogate M.	A Generative Learning Approach to Sensor Fusion and Change Detection	2016	Cognitive Computation	8	5
27.	Singh R.P., Jha P.N.	A halotolerant bacterium Bacillus licheniformis HSW-16 augments induced systemic tolerance to salt stress in wheat plant (Triticum aestivum)	2016	Frontiers in Plant Science	7	Dec-16
28.	Singh K.R., Gupta A.	A hardware optimized low power RNM compensated three stage operational amplifier with embedded capacitance multiplier compensation	2016	2016 International Conference on VLSI Systems, Architectures, Technology and Applications, VLSI-SATA 2016		
29.	Singh D.R., Singh M.K., Singh T.	A hybrid algorithm with modified Inver-over operator and genetic algorithm search for traveling salesman problem	2016	Advances in Intelligent Systems and Computing	452	
30.	Ahmed S.E., Srinivas S.S., Srinivas M.B.	A Hybrid Energy Efficient Digital Comparator	2016	Proceedings of the IEEE International Conference on VLSI Design	2016-March	
31.	Sundaram G.M., Angira M., Gupta N., Rangra K.	A MEMS disk resonator-based band pass filter electrical equivalent circuit simulation	2016	AIP Conference Proceedings	1724	
32.	Rani D.R., Geethakumari G.	A meta-analysis of cloud forensic frameworks and tools	2016	2015 Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth, PCCCTSG 2015		
33.	Dey R., Saini A., Hingorani H.	A modified Frenkel approach for viscometric prediction of binary and multicomponent liquid mixtures	2016	RSC Advances	6	49
34.	Prasad K.S., Gupta A.K., Singh Y., Singh S.K.	A Modified Mechanical Threshold Stress Constitutive Model for Austenitic Stainless Steels	2016	Journal of Materials Engineering and Performance	25	12
35.	Ashish M., Aditya S., Pranet V., Asati A.R., Solomon R.K.	A modular approach to random task graph generation	2016	Indian Journal of Science and Technology	9	8

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36.	Upadhyay S., Upadhyay N.	A Multi-Criteria Decision Framework to Measure Spiritual Intelligence of University Teachers	2016	Procedia Computer Science	91	
37.	Awalkar K.V., Kanade S.G., Jadhav D.V., Ajmera P.K.	A multi-modal and multi-algorithmic biometric system combining iris and face	2016	Proceedings - IEEE International Conference on Information Processing, ICIP 2015		
38.	Alam P., Kachwal V., Laskar I.R.	A multi-stimuli responsive "aIE" active salicylaldehyde-based Schiff base for sensitive detection of fluoride	2016	Sensors and Actuators, B: Chemical	228	
39.	Sen T., Mathur H.D.	A new approach to solve Economic Dispatch problem using a Hybrid ACO-ABC-HS optimization algorithm	2016	International Journal of Electrical Power and Energy Systems	78	
40.	Ghosh M., Dhal M., Goel P., Kar A., Mahapatra S., Chandra M.	A new block least mean square algorithm for improved active noise cancellation	2016	Advances in Intelligent Systems and Computing	435	
41.	Sundar A., Pahwa V., Das C.	A new method for denoising knee joint vibroarthrographic signals	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
42.	Kumar M., Iqbal A., Kumar P.	A new RGB image encryption algorithm based on DNA encoding and elliptic curve Diffie-Hellman cryptography	2016	Signal Processing	125	
43.	Purohit G., Raju K.S., Chaubey V.K.	A New XOR-Free Approach for Implementation of Convolutional Encoder	2016	IEEE Embedded Systems Letters	8	1
44.	Ghosh D.	A Newton method for capturing efficient solutions of interval optimization problems	2016	OPSEARCH	53	3
45.	Gupta D., Thangaraj D., Radhakrishnan M.	A novel 5HT3 antagonist 4i (N-(3-chloro-2-methylphenyl)quinoxalin-2-carboxamide) prevents diabetes-induced depressive phenotypes in mice: Modulation of serotonergic system	2016	Behavioural Brain Research	297	
46.	Li X., Niu J., Kumari S., Islam S.K.H., Wu F., Khan M.K., Das A.K.	A Novel Chaotic Maps-Based User Authentication and Key Agreement Protocol for Multi-server Environments with Provable Security	2016	Wireless Personal Communications	89	2
47.	Angira M., Rangra K.	A novel design for low insertion loss, multi-band RF-MEMS switch with low pull-in voltage	2016	Engineering Science and Technology, an International Journal	19	1
48.	Kumar V., Asati A., Gupta A.	A Novel Edge-Map Creation Approach for Highly Accurate	2016	Journal of Electrical and	2016	

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		Pupil Localization in Unconstrained Infrared Iris Images		Computer Engineering		
49.	Maheshwari U., Gupta S.	A novel method to identify optimized parametric values for adsorption of heavy metals from waste water	2016	Journal of Water Process Engineering	9	
50.	Saha S., Sarkar J., Dwivedi A., Dwivedi N., Narasimhamurthy A.M., Roy R.	A novel revenue optimization model to address the operation and maintenance cost of a data center	2016	Journal of Cloud Computing	5	1
51.	Dhakad S.K., Kumar N., Yadav A.K., Verma S., Ramakrishnan K., Singh J.	A novel single band microstrip antenna with hexagonal fractal for surveillance radar application	2016	Advances in Intelligent Systems and Computing	436	
52.	Gunda R.K., Reddy N.S.K., Kishawy H.A.	A Novel Technique to Achieve Sustainable Machining System	2016	Procedia CIRP	40	
53.	Goyal P., Kumari S., Singh S., Kishore V., Balasubramaniam S.S., Goyal N.	A parallel framework for grid-based bottom-up subspace clustering	2016	Proceedings - 3rd IEEE International Conference on Data Science and Advanced Analytics, DSAA 2016		
54.	Kumar K.P.K., Srivastava A., Geethakumari G.	A psychometric analysis of information propagation in online social networks using latent trait theory	2016	Computing	98	6
55.	Mishra A., Mishra P.K.	A Randomized Scheduling Algorithm for Multiprocessor Environments Using Local Search	2016	Parallel Processing Letters	26	1
56.	Thakur A., Chaware R., Nikhil S., Hafizul Islam S.K.	A Reading Oriented Overlapping Text based CAPTCHA	2016	International Conference on Trends in Automation, Communication and Computing Technologies, I-TACT 2015		
57.	Moitra D., Chandel M., Ghosh B.K., Jani R.K., Patra M.K., Vadera S.R., Ghosh N.N.	A simple': In situ ' co-precipitation method for the preparation of multifunctional CoFe2O4-reduced graphene oxide nanocomposites: Excellent microwave absorber and highly efficient magnetically separable recyclable photocatalyst for dye degradation	2016	RSC Advances	6	80
58.	Rakhee, Srinivas M.B.	A Soft computing approach for data routing in Hospital Area Networks (HAN)	2016	International Journal of Business Data Communications and Networking	12	2
59.	Shukla P., Ghodki D., Manjarekar N.S., Singru P.M.	A Study of H infinity and H2 synthesis for Active Vibration Control	2016	IFAC-PapersOnLine	49	1
60.	Shaikh I., Singh S.	A Study of Out-of-pocket Health Expenditures: A Case of South	2016	Journal of Health Management	18	4

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		Asian Countries				
61.	Saini A., Joshi H., Kukreja K., Dey R.	A study of viscometric, optical and interfacial properties of binary and ternary liquid mixtures	2016	Journal of Molecular Liquids	223	
62.	Kalapatapu P., Goli S., Arthum P., Malapati A.	A Study on Feature Selection and Classification Techniques of Indian Music	2016	Procedia Computer Science	58	
63.	Panda P., Patil G., Raveendran B.	A survey on replacement strategies in cache memory for embedded systems	2016	2016 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2016 - Proceedings		
64.	Nagaraja Y., Devaraju T., Kumar M.V., Madichetty S.	A survey on wind energy, load and price forecasting: (Forecasting methods)	2016	International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016		
65.	Gupta G., Mishra R.P.	A SWOT analysis of reliability centered maintenance framework	2016	Journal of Quality in Maintenance Engineering	22	2
66.	Anderson G., Behera R.N., Gomatam R.	A theoretical approach to engineering a new enzyme	2016	Journal of Physics: Conference Series	738	1
67.	Choudhary K.D., Sunder S., Dasgupta M.S.	A thermodynamic analysis of various ejector expansions in R-744 trans-critical cycles at warm weather condition	2016	Refrigeration Science and Technology		
68.	Jain M., Shekhar C., Shukla S.	A time-shared machine repair problem with mixed spares under N-policy	2016	Journal of Industrial Engineering International	12	2
69.	Kotian S.M., Latha A.H., Shubhanga K.N.	A toy model to understand subsynchronous resonance and real-time simulation of the model using RTAI-Linux	2016	2015 International Conference on Control Instrumentation Communication and Computational Technologies, ICCICCT 2015		
70.	Vikram V., Ajay T., Chandra S., Malik A.K.	A trade credit inventory model with multivariate demand for non-instantaneous decaying products	2016	Indian Journal of Science and Technology	9	15
71.	Vashisth V., Soni R., Jakhar R., Sihag D., Malik A.K.	A two warehouse inventory model with quadratic decreasing demand and time dependent holding cost	2016	AIP Conference Proceedings	1715	
72.	Nemili A., Özkaya E., Gauger N.R., Kramer F., Thiele F.	A two-level hybrid approach for optimal active flow control on a three-element airfoil	2016	ECCOMAS Congress 2016 - Proceedings of the 7th European Congress on Computational Methods in Applied Sciences and Engineering	2	

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73.	Rangra A., Maninder K., Soni S., Rangra K.J.	A versatile MEMS bimorph actuator with large vertical displacement and high resolution: Design and fabrication process	2016	AIP Conference Proceedings	1724	
74.	Arun V., Pilania M., Kumar D.	Access to 2-Arylindoles via Decarboxylative C−C Coupling in Aqueous Medium and to Heteroaryl Carboxylates under Base-Free Conditions using Diaryliodonium Salts	2016	Chemistry - An Asian Journal	11	23
75.	Kumar V., Asati A., Gupta A.	Accurate iris localization using edge map generation and adaptive circular hough transform for less constrained iris images	2016	International Journal of Electrical and Computer Engineering	6	4
76.	Challagulla S., Nagarjuna R., Ganesan R., Roy S.	Acrylate-based Polymerizable Sol-Gel Synthesis of Magnetically Recoverable TiO2 Supported Fe3O4 for Cr(VI) Photoreduction in Aerobic Atmosphere	2016	ACS Sustainable Chemistry and Engineering	4	3
77.	Padhi T., Chandra M., Kar A.	Adaptive Proportionate Normalized Least Mean Squares channel equalizer for MIMO-OFDM systems	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
78.	Vashishth S., Sinha Y., Babu K.H.	Addressing challenges in browser based P2P content sharing framework using WebRTC	2016	Proceedings - International Conference on Advanced Information Networking and Applications, AINA	2016-May	
79.	Sathvika T., Manasi, Rajesh V., Rajesh N.	Adsorption of chromium supported with various column modelling studies through the synergistic influence of Aspergillus and cellulose	2016	Journal of Environmental Chemical Engineering	4	3
80.	Kesheri M., Sinha R.P., Kanchan S.	Advances in soft computing approaches for gene prediction: A bioinformatics approach	2016	Studies in Computational Intelligence	651	
81.	Santoro A.F., Suchday S., Benkhoukha A., Ramanayake N., Kapur S.	Adverse Childhood Experiences and Religiosity/Spirituality in Emerging Adolescents in India	2016	Psychology of Religion and Spirituality	8	3
82.	Singh R.I.	Agglomeration in Stripper Ash Coolers and Its Possible Remedial Solutions: a Case Study	2016	Journal of The Institution of Engineers (India): Series C	97	2
83.	Sharma S., Sheth P.N.	Air-steam biomass gasification: Experiments, modeling and simulation	2016	Energy Conversion and Management	110	
84.	Dhar A., Dhar I., Bhat A., Desai K.M.	Alagebrium attenuates methylglyoxal induced oxidative stress and AGE formation in H9C2 cardiac myocytes	2016	Life Sciences	146	

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85.	Singh R.P., Jha P.N.	Alleviation of salinity-induced damage on wheat plant by an ACC deaminase-producing halophilic bacterium Serratia sp. SL- 12 isolated from a salt lake	2016	Symbiosis	69	2
86.	Walawalkar Y.D., Vaidya Y., Nayak V.	Alteration in TGF-β receptor expression in gallbladder disease- Implications of chronic cholelithiasis and chronic Salmonella Typhi infection	2016	Gastroenterology Insights	7	1
87.	Kakani P., Suman S., Gupta L., Kumar S.	Ambivalent outcomes of cell apoptosis: A barrier or blessing in malaria progression	2016	Frontiers in Microbiology	7	MAR
88.	Agarwal D.S., Gogoi N., Chowdhury D., Sakhuja R.	Amino acid appended cholic acid-azobenzene dyad: An effective & smart phase selective gelator for aromatic solvents	2016	RSC Advances	6	80
89.	Bhatnagar A., Apostol M.I., Bandyopadhyay D.	Amino acid function relates to its embedded protein microenvironment: A study on disulfide-bridged cystine	2016	Proteins: Structure, Function and Bioinformatics	84	11
90.	Tiwari K., Kaushik V.D., Gupta P.	An adaptive multi-algorithm ensemble for fingerprint matching	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9771	
91.	Islam S.K.H., Obaidat M.S., Amin R.	An anonymous and provably secure authentication scheme for mobile user	2016	International Journal of Communication Systems	29	9
92.	Gupta G., Mishra R.P., Singhvi P.	An Application of Reliability Centered Maintenance Using RPN Mean and Range on Conventional Lathe Machine	2016	International Journal of Reliability, Quality and Safety Engineering	23	6
93.	Sunil Kumar C.V., Routroy S.	An approach for measuring a manufacturer's preferred supplier status	2016	Asia Pacific Journal of Marketing and Logistics	28	5
94.	Routroy S., Kumar C.V.S.	An approach to develop green capability in manufacturing supply chain	2016	International Journal of Process Management and Benchmarking	6	1
95.	Mishra A.K., Rao G., Vishwanath B.	An assessment of competitiveness in emerging Asian economies with special reference to India	2016	International Journal of Economic Policy in Emerging Economies	9	2
96.	Shah D.A., Sen S., Shalini A., Ghosh D., Grover M., Mohapatra S.	An auxin secreting Pseudomonas putida rhizobacterial strain that negatively impacts water-stress tolerance in Arabidopsis thaliana	2016	Rhizosphere	3	P1
97.	Sharma A., Sahay S.K.	An effective approach for classification of advanced malware with high accuracy	2016	International Journal of Security and its Applications	10	4
98.	Singh M., Verma A.K.	An effective computational technique for a class of Lane–Emden equations	2016	Journal of Mathematical Chemistry	54	1

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99.	Tiwari K., Choudhary S.K., Gupta P.	An efficient face recognition system with liveness and threat detection for smartphones	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9772	
100.	Vijayakumar P., Naresh R., Jegatha Deborah L., Hafizul Islam S.K.	An efficient group key agreement protocol for secure P2P communication	2016	Security and Communication Networks	9	17
101.	Soni R., Shekhawat P.S., Jangir R., Saini S.K.	An efficient method to enhance the readability of historical handwritten artifacts	2016	AIP Conference Proceedings	1715	
102.	Bandyopadhyay S., Sarkar D., Mandal C.	An efficient path based equivalence checking for Petri net based models of programs	2016	ACM International Conference Proceeding Series	18-20-February-2016	
103.	Sruthi S.S., Geethakumari G.	An Efficient Secure Data Aggregation Technique for Internet of Things Network: An Integrated Approach Using DB-MAC and Multi-path Topology	2016	Proceedings - 6th International Advanced Computing Conference, IACC 2016		
104.	Sarkar P., Tiwari A., Sarmah A., Bhandary S., Roy R.K., Mukherjee C.	An elusive vinyl radical isolated as an appended unit in a five-coordinate Co(III)-bis(iminobenzosemiquinone) complex formed: Via ligand-centered C-S bond cleavage	2016	Chemical Communications	52	70
105.	Thekkilakattil A., Zhu K., Nie Y., Dobrin R., Punnekkat S.	An empirical investigation of eager and lazy preemption approaches in global limited preemptive scheduling	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9695	
106.	Jasti N.V.K., Kodali R.	An empirical study for implementation of lean principles in Indian manufacturing industry	2016	Benchmarking	23	1
107.	Hussain S., Bhunia D., Singh S.B.	An experimental investigation of accelerated carbonation on properties of concrete	2016	Engineering Journal	20	2
108.	Femi R., Agrawal A., Clement S.	An FEM Study of the Electrothermal Properties of Microelectrical Contacts for Application in the Design of Arcless Switches	2016	IEEE Transactions on Components, Packaging and Manufacturing Technology	6	3
109.	Mishra B., Behuria A., Goel P., Kar A., Mahapatra S., Chandra M.	An improved feedback filtered-x NLMS algorithm for noise cancellation	2016	Advances in Intelligent Systems and Computing	435	
110.	Mohapatra S., Kar A.	An improved subband sigmoid function based feedback Active Noise Cancellation	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication,		

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111.	Chattopadhyay P., Karthick R.A.	An in-depth analysis of ethanol based aqueous foams for environmental applications	2016	International Journal of Chemical Sciences	14	3
112.	Dey S., Pathak S., Sheoran S., Kela D.H., Datta S.	An Informatics Based Approach to Reduce the Grain Size of Cast Hadfield Steel	2016	Journal of The Institution of Engineers (India): Series D	97	1
113.	Kumar M., Josyula K.L.S.J.	An interlaced secure algorithm for RGB image encryption in wavelet packet domain	2016	International Journal of Wavelets, Multiresolution and Information Processing	14	3
114.	Kumar S., Malik A.K., Sharma A., Yadav S.K., Singh Y.	An inventory model with linear holding cost and stock-dependent demand for non-instantaneous deteriorating items	2016	AIP Conference Proceedings	1715	
115.	Kumar R., Singh R.I.	An investigation in 20 kWth oxygen-enriched bubbling fluidized bed combustor using coal and biomass	2016	Fuel Processing Technology	148	
116.	Kumar V., Asati A., Gupta A.	An Iris localization method for noisy infrared iris images	2016	IEEE 2015 International Conference on Signal and Image Processing Applications, ICSIPA 2015 - Proceedings		
117.	Ahmed S.E., Kadam S., Srinivas M.B.	An Iterative Logarithmic Multiplier with Improved Precision	2016	Proceedings - Symposium on Computer Arithmetic	2016-September	
118.	Chunawala T., Ghandchi-Tehrani M., Yan J.	An optimum design of a double pendulum in autoparametric resonance for energy harvesting applications	2016	Vibroengineering Procedia	8	
119.	Narasimhamurthy A.	An overview of machine learning in medical image analysis: Trends in health informatics	2016	Medical Imaging: Concepts, Methodologies, Tools, and Applications		
120.	Dubey P., Dubey B., Dubey U.S.	An SIR model with nonlinear incidence rate and holling type III treatment rate	2016	Springer Proceedings in Mathematics and Statistics	186	
121.	Prabhu M.S., Mutnuri S.	Anaerobic co-digestion of sewage sludge and food waste	2016	Waste Management and Research	34	4
122.	Malik A.K., Singh P.R., Tomar A., Kumar S., Yadav S.K.	Analysis of an inventory model for both linearly decreasing demand and holding cost	2016	AIP Conference Proceedings	1715	
123.	Gupta A.K., Deole A., Kotkunde N., Singh S.K., Jella G.	Analysis of earing behaviour in deep drawing of ASS 304 at elevated temperature	2016	Journal of Physics: Conference Series	734	3
124.	Prasad T.,	Analysis of impartial quality	2016	2016 22nd National		

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	Shekhawat D., Guha S., Goveas N., Deshpande B.	measurements on Indian broadband connections		Conference on Communication, NCC 2016		
125.	Biswas S., Chakrabarti P.	Analysis of interactions and dissection of interfaces involved in RNA-protein recognition	2016	Protein and Peptide Letters	23	9
126.	Pulipaka S., Kumar R.	Analysis of irradiance losses on a soiled photovoltaic panel using contours	2016	Energy Conversion and Management	115	
127.	Nalband S., Sreekrishna R.R., Prince A.A.	Analysis of Knee Joint Vibration Signals Using Ensemble Empirical Mode Decomposition	2016	Procedia Computer Science	89	
128.	Kishore T.R., Sidharth D.S., Rao K.D.	Analysis of linear and non-linear frequency modulated signals using STFT and hough transform	2016	2015 IEEE International Symposium on Signal Processing and Information Technology, ISSPIT 2015		
129.	Sunil Kumar C.V., Routroy S.	Analysis of preferred customer enablers from supplier's perspective	2016	Business Process Management Journal	22	6
130.	Jain M., Tiwari U., Jain E.	Analysis of various Clock recovery methods for IP Set-Top Box	2016	Proceedings of the 2015 International Conference on Green Computing and Internet of Things, ICGCIoT 2015		
131.	Singh V., Kumar G., Arora G.	Analytical evaluation for the enhancement of satellite images using swarm intelligence techniques	2016	Proceedings of the 10th INDIACom; 2016 3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016		
132.	Ghosh D., Chakraborty D.	Analytical fuzzy plane geometry III	2016	Fuzzy Sets and Systems	283	
133.	Sahoo P.K., Sahu S.K., Nath A.	Anisotropic Bianchi-III cosmological model in f (R, T) gravity	2016	European Physical Journal Plus	131	1
134.	Tripathy S.K., Mishra B.	Anisotropic solutions in f(R) gravity	2016	European Physical Journal Plus	131	8
135.	Pandey D.K., Devadoss T., Modak N., Mahesh R.	Antidepressant & anxiolytic activities of n-(Pyridin-3-yl) quinoxalin-2-carboxamide: A novel serotonin type 3 receptor antagonist in behavioural animal models	2016	Indian Journal of Medical Research	144	OCT OBE R
136.	Bhatt S., Bagal S., Butola S., Dhar A., Mahesh R.	Antidepressant-and anxiolytic-like effect of novel 5-hydroxytryptamine3 receptor antagonist 2-[4-(3-chlorophenyl) piperazin-1-yl]-1,8-naphthyridine-3-carboxylic acid (7e)-: An approach using rodent behavioral antidepressant and anxiolytic test battery	2016	International Journal of Nutrition, Pharmacology, Neurological Diseases	6	2
137.	Srivastava P.,	Anti-neoplastic selenium	2016	Enzyme and	95	

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	Kowshik M.	nanoparticles from Idiomarina sp. PR58-8		Microbial Technology		
138.	Prabhakar V., Iqbal H., Balasubramanian R.	Antioxidant studies on monosubstituted chalcone derivatives-understanding substituent effects	2016	Pakistan Journal of Pharmaceutical Sciences	29	1
139.	Samala G., Brindha Devi P., Saxena S., Gunda S., Yogeeswari P., Sriram D.	Anti-tubercular activities of 5,6,7,8-tetrahydrobenzo[4,5]thieno[2,3-d]pyrimidin-4-amine analogues endowed with high activity toward non-replicative Mycobacterium tuberculosis	2016	Bioorganic and Medicinal Chemistry	24	21
140.	Solomon S., Kumari R.	Aperture coupled cylindrical element log periodic dielectric resonator antenna array for X band	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
141.	Solomon S., Kumari R.	Aperture coupled rectangular element Log periodic dielectric resonator antenna array for X band	2016	2015 IEEE Applied Electromagnetics Conference, AEMC 2015		
142.	Majumder S., Raghuvanshi S., Gupta S.	Application of a hybrid biofilter column for the removal of Cr(VI) from aqueous solution using an indigenous bacterial strain Pseudomonas taiwanensis	2016	Bioremediation Journal	20	1
143.	Goel L., Khandelwal R., Retamino E., Nair S., Knoll A.	Application of a hybrid relation extraction framework for intelligent natural language processing	2016	Advances in Intelligent Systems and Computing	530	
144.	Bhole A.A., Mittal R.K.	Application of a parallel chain platform to provide catching practice in cricket	2016	Communications in Computer and Information Science	632	
145.	Pratap S., Sarkar N.	Application of a self-consistent NEGF procedure to study the coherent transport with phase breaking scattering in low dimensional systems	2016	AIP Conference Proceedings	1724	
146.	Madichetty S., Dasgupta A., Mishra S., Panigrahi C.K., Basha G.	Application of an Advanced Repetitive Controller to Mitigate Harmonics in MMC with APOD Scheme	2016	IEEE Transactions on Power Electronics	31	9
147.	Gayatri M.T.L., Parimi A.M., Kumar A.V.P.	Application of Dynamic Voltage Restorer in microgrid for voltage sag/swell mitigation	2016	2015 IEEE Power, Communication and Information Technology Conference, PCITC 2015 - Proceedings		
148.	Samyuktha N., Maneesha P., Sreelakshmi B.R., Pattnaik P.K., Narayan K.	Application of MEMS based capacitive sensor for continuous monitoring of glucose	2016	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2016-January	

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150.	Saha P., Roy N., Mukherjee D., Sarkar A.K.	Application of Principal Component Analysis for Outlier Detection in Heterogeneous Traffic Data	2016	Procedia Computer Science	83	
151.	Kumari A., Kanchan S., Sinha R.P., Kesheri M.	Applications of bio-molecular databases in bioinformatics	2016	Studies in Computational Intelligence	651	
152.	Vathsan R., Qureshi T.	Aspects of complementarity and uncertainty	2016	International Journal of Quantum Information	14	6
153.	Hussain S., Bhunia D., Singh S.B.	Assessment of carbonation depth under natural and accelerated carbonation conditions	2016	Indian Concrete Journal	90	11
154.	Saddhe A.A., Jamdade R.A., Kumar K.	Assessment of mangroves from Goa, west coast India using DNA barcode	2016	SpringerPlus	5	1
155.	Purohit N., Purohit V.A., Purohit K.	Assessment of nanofluids for laminar convective heat transfer: A numerical study	2016	Engineering Science and Technology, an International Journal	19	1
156.	Bhargava R., Sharma Y., Sharma G.	ATSSI: Abstractive Text Summarization Using Sentiment Infusion	2016	Procedia Computer Science	89	
157.	Danda J.M.R., Hota C.	Attack identification framework for IoT devices	2016	Advances in Intelligent Systems and Computing	434	
158.	Sharma S., Rajesh N.	Augmenting the adsorption of palladium from spent catalyst using a thiazole ligand tethered on an amine functionalized polymeric resin	2016	Chemical Engineering Journal	283	
159.	Patel V., Parmar A., Bhavsar A., Nigam A.	Automated brain tractography segmentation using curvature points	2016	ACM International Conference Proceeding Series		
160.	Patil S., Parmar U., Karegaonkar R.	Automated software testing for high-end touch screen automotive displays	2016	2015 IEEE International Transportation Electrification Conference, ITEC-India 2015		
161.	Yeotikar S., Parimi A.M., Daseswar Rao Y.V.	Automation of end effector guidance of robotic arm for dental implantation using computer vision	2016	2016 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2016 - Proceedings		
162.	Kishore R., Ramesha C.K., Anupama K.R.	Bayesian Detector Based Superior Selective Reporting Mechanism for Cooperative Spectrum Sensing in Cognitive Radio Networks	2016	Procedia Computer Science	93	

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163.	Krishnakumar V., Raizada A., Singru P.	Bearing failure prediction using fast fourier transform, wigner-ville distribution and modified poincare mapping	2016	ICSV 2016 - 23rd International Congress on Sound and Vibration: From Ancient to Modern Acoustics		
164.	Pancholia S., Dhameliya T.M., Shah P., Jadhavar P.S., Sridevi J.P., Yogeshwari P., Sriram D., Chakraborti A.K.	Benzo[d]thiazol-2-yl(piperazin-1-yl)methanones as new anti-mycobacterial chemotypes: Design, synthesis, biological evaluation and 3D-QSAR studies	2016	European Journal of Medicinal Chemistry	116	
165.	Pallikonda G., Chakravarty M.	Benzylic Phosphates in Friedel-Crafts Reactions with Activated and Unactivated Arenes: Access to Polyarylated Alkanes	2016	Journal of Organic Chemistry	81	5
166.	Sahoo P.K., Mishra B., Sahoo P., Pacif S.K.J.	Bianchi type string cosmological models in f(R,T) gravity	2016	European Physical Journal Plus	131	9
167.	Singh G.P., Bishi B.K., Sahoo P.K.	Bianchi type-I bulk viscous cosmology with Chaplygin gas in Lyra Geometry	2016	Chinese Journal of Physics	54	6
168.	Krishna V.R., Singla N., Balani L., Singhal R.	Bidirectional 64-QAM OFDM-over-fiber transmission on single carrier PON	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
169.	Debnath R., Purkayastha D.D., Hazra S., Ghosh N.N., Bhattacharjee C.R., Rout J.	Biogenic synthesis of antioxidant, shape selective gold nanomaterials mediated by high altitude lichens	2016	Materials Letters	169	
170.	Raghavaiah P., Kuladeep R., Narayana Rao D., Jyothi Lakshmi A., Srujana P., Subbalakshmi J.	Bis-(1-(2-aminoethyl)piperidino), (2-(2-aminoethyl)pyridino) and (1-(2-aminoethyl)pyrrolidino)-substituted dicyanoquinodimethanes: Consequences of flexible ethylene spacers with heterocyclic moieties and amine functionalities	2016	Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials	72	
171.	Bhargava R., Baoni A., Jain H., Sharma Y.	BITS-PILANI@DPIL-FIRE2016: Paraphrase detection in Hindi language using syntactic features of phrase	2016	CEUR Workshop Proceedings	1737	
172.	Ganesh S., Mishra M.	Bottomonium suppression at LHC energy based on the temperature dependent formation time	2016	Springer Proceedings in Physics	174	
173.	Gupta M., Gayatri K.S., Harika K., Rao B.V.V.S.N.P., Rajagopalan V., Das A., Kesavadas C.	Brain tumor segmentation by integrating symmetric property with region growing approach	2016	12th IEEE International Conference Electronics, Energy, Environment,		

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174.	Kumar A., Yerva S.V., Barshilia H.C.	Broadband and wide angle anti-reflective nanoporous surface on poly (ethylene terephthalate) substrate using a single step plasma etching for applications in flexible electronics	2016	Solar Energy Materials and Solar Cells	155	
175.	Patel S.N., Sheikh A.H.	Buckling response of laminated composite stiffened plates subjected to partial in-plane edge loading	2016	International Journal of Computational Methods in Engineering Science and Mechanics	17	5-Jun
176.	Hazra A.	Capacitive modeling of TiO2 nanotube based gas/vapor sensor devices	2016	Nanotechnology Materials and Devices Conference, NMDC 2016 - Conference Proceedings		
177.	Nogia P., Sidhu G.K., Mehrotra R., Mehrotra S.	Capturing atmospheric carbon: Biological and nonbiological methods	2016	International Journal of Low-Carbon Technologies	11	2
178.	Ojha A., Chaturvedi P., Mittal A., Jain S.	Carrier based common mode voltage reduction techniques in neutral point clamped inverter based AC-DC-AC drive system	2016	Journal of Power Electronics	16	1
179.	Kumar C.V.S., Routroy S.	Case application of a methodology for determining a manufacturer's preferred customer status with suppliers	2016	EMJ - Engineering Management Journal	28	1
180.	Anantaraju H.S., Battu M.B., Viswanadha S., Sriram D., Yogeeswari P.	Cathepsin D inhibitors as potential therapeutics for breast cancer treatment: Molecular docking and bioevaluation against triple-negative and triple-positive breast cancers	2016	Molecular Diversity	20	2
181.	Bora K., Saha S., Agrawal S., Safonova M., Routh S., Narasimhamurthy A.	CD-HPF: New habitability score via data analytic modeling	2016	Astronomy and Computing	17	
182.	Kumar N., Bhatnagar P., Agarwal N.K., Bhatnagar P.S.	Challenges in probabilistic timing model generation in integrated circuits	2016	AIP Conference Proceedings	1715	
183.	Vinai M., Prasuna M.G.	Challenging the stereotype of political neutrality: The representation of Parsi community in selected fictional works	2016	IUP Journal of English Studies	11	4
184.	Das A., Biswas M.	Changes in the Functional Activity of Phi11 Cro Protein is Mediated by Various Ions	2016	Protein Journal	35	6
185.	Kajla M., Kakani	Characterization and expression	2016	Acta Tropica	158	

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186.	Puntambekar R., Pydimalla M., Dinda S., Adusumalli R.B.	Characterization of Eucalyptus heartwood and sapwood pulp after kraft cooking	2016	Journal of the Indian Academy of Wood Science	13	1
187.	Mani F., Pulipaka S., Kumar R.	Characterization of power losses of a soiled PV panel in Shekhawati region of India	2016	Solar Energy	131	
188.	Raghuram H.S., Pradeep S., Dash S., Chowdhury R., Mazumder S.	Chitosan-encapsulated ZnS: M (M: Fe3+ or Mn2+) quantum dots for fluorescent labelling of sulphate-reducing bacteria	2016	Bulletin of Materials Science	39	2
189.	Thakur C.K., Thotakura N., Kumar R., Kumar P., Singh B., Chitkara D., Raza K.	Chitosan-modified PLGA polymeric nanocarriers with better delivery potential for tamoxifen	2016	International Journal of Biological Macromolecules	93	
190.	Rakshit D., Ganesh P.S., Sarkar S.K.	Choreotrich ciliate tintinnid (Protozoa: Ciliophora) in a tropical meso-macrotidal estuary, eastern part of India	2016	Regional Studies in Marine Science	3	
191.	Sadasivam G.K., Hota C., Anand B.	Classification of SSH attacks using machine learning algorithms	2016	2016 6th International Conference on IT Convergence and Security, ICITCS 2016		
192.	Surineni G., Yogeeswari P., Sriram D., Kantevari S.	Click-based synthesis and antitubercular evaluation of dibenzofuran tethered thiazolyl-1,2,3-triazolyl acetamides	2016	Bioorganic and Medicinal Chemistry Letters	26	15
193.	Raju Kumar B.K.S.P., Meera G., Geethakumari G.	Cloud forensic investigation: A sneak-peek into acquisition	2016	2015 International Conference on Computing and Network Communications, CoCoNet 2015		
194.	Rakhee, Srinivas M.B.	Cluster Based Energy Efficient Routing Protocol Using ANT Colony Optimization and Breadth First Search	2016	Procedia Computer Science	89	
195.	Gautam A., Murthy J.K., Kumar G., Ram S.P.A., Jha B., Mohan S.	Cluster, Allocate, Cover: An Efficient Approach for Multi-robot Coverage	2016	Proceedings - 2015 IEEE International Conference on Systems, Man, and Cybernetics, SMC 2015		
196.	Shukla P., Satpathi D.K.	Coalitonal game theoretic model applied to relay spectrum sensing	2016	International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016		
197.	Roul R.K., Bhalla A., Srivastava A.	Commonality-rarity score computation [a novel feature selection technique using	2016	ACM International Conference Proceeding Series	08-10-Decem ber-	

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		extended feature space of ELM for text classification]			2016	
198.	Roushan A.K., Chaubey V.K.	Compact modeling of a parabolic cross section nano-FinFET	2016	Proceedings of the 3rd International Conference on Devices, Circuits and Systems, ICDCS 2016		
199.	Singh S., Utpalla P., Pal S., Dhanavantri C.	Comparative performance analysis of InGaN/GaN multi-quantum-well light-emitting diodes with p- and n-type step-doped barriers	2016	Journal of Computational Electronics	15	3
200.	Kumar S.S., Ojha A.K., Kumar M., Pant B.D.	Comparative study of characteristics of polysilicon pressure sensor with different diaphragm sizes and piezoresistor configurations	2016	AIP Conference Proceedings	1724	
201.	Singh S., Purohit N., Dasgupta M.S.	Comparative study of cycle modification strategies for trans-critical CO2 refrigeration cycle for warm climatic conditions	2016	Case Studies in Thermal Engineering	7	
202.	Manek A.H., Singh P.K.	Comparative study of neural network architectures for rainfall prediction	2016	Proceedings - 2016 IEEE International Conference on Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2016		
203.	Sinha Y., Jain P., Kasliwal N.	Comparative study of preprocessing and classification methods in character recognition of natural scene images	2016	Advances in Intelligent Systems and Computing	390	
204.	Unde V., Mutnuri S.	Comparative study of production of bio-indigo by pandoraea sp. in a two phase-fed batch and continuous bioreactor	2016	Carbon - Science and Technology	8	1
205.	Desu R.K., Singh S.K., Gupta A.K.	Comparative study of warm and hydromechanical deep drawing for low-carbon steel	2016	International Journal of Advanced Manufacturing Technology	85	1-Apr
206.	Kothandan R., Biswas S.	Comparison of kernel and decision tree-based algorithms for prediction of microRNAs associated with cancer	2016	Current Bioinformatics	11	1
207.	Modak S., Singh A.P., Panigrahi P.K.	Complex solitary waves and soliton trains in KdV and mKdV equations	2016	European Physical Journal B	89	6
208.	Pandey M., Ubhi J.S., Raju K.S.	Computational acceleration of real-time kernel-based tracking system	2016	Journal of Circuits, Systems and Computers	25	4
209.	Suryadevara P., Yogeeswari P., Sonia V., Devi P.B., Nandicoori V.K., Sriram D.	Computational sampling and simulation based assessment of novel mycobacterium tuberculosis glutamine synthetase inhibitors: Study involving structure based drug design and free energy	2016	Current Topics in Medicinal Chemistry	16	9

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210.	Agarwal S., Vasan A.	Computational Strategy for Structural Analysis, Design, and Optimization of Trusses Using Genetic Algorithm and Particle Swarm Optimization	2016	Proceedings - 6th International Advanced Computing Conference, IACC 2016		
211.	Vikramaditya T., Saisudhakar M., Sumithra K.	Computational study on thermally activated delayed fluorescence of donor-linker-acceptor network molecules	2016	RSC Advances	6	43
212.	De P.	Computationally-efficient algorithms for multiuser detection in short code wideband CDMA TDD systems	2016	Journal of Communications and Networks	18	1
213.	Kumar N., Bhatnagar P., Agarwal N.K., Bhatnagar P.S.	Concurrent multi-mode timing model generation for hierarchical timing analysis	2016	AIP Conference Proceedings	1715	
214.	Halder S., Bhavana P.	Conformational and regioselective aspects on the photodegradation of organic pollutants by TiO2 composites of derivatives of meso-tetrathien-2-ylporphyrin	2016	Journal of Molecular Structure	1120	
215.	Gupta A.K., Maddukuri T.S., Singh S.K.	Constrained groove pressing for sheet metal processing	2016	Progress in Materials Science	84	
216.	Pal A.K., Guha Sarkar T.	Constraining neutrino mass using the large-scale H i distribution in the post-reionization epoch	2016	Monthly Notices of the Royal Astronomical Society	459	4
217.	Basu M., Nazir R., Fageria P., Pande S.	Construction of CuS/Au Heterostructure through a Simple Photoreduction Route for Enhanced Electrochemical Hydrogen Evolution and Photocatalysis	2016	Scientific Reports	6	
218.	Jaipal A., Pandey M.M., Charde S.Y., Sadhu N., Srinivas A., Prasad R.G.	Controlled release effervescent buccal discs of buspirone hydrochloride: In vitro and in vivo evaluation studies	2016	Drug Delivery	23	2
219.	Balaji V., Nagendra T., Hota C., Raghurama G.	Cooperative spectrum sensing in Cognitive Radio: An Archetypal Clustering approach	2016	Proceedings of the 2016 IEEE International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2016		
220.	Shakoor S.M.A., Agarwal D.S., Kumar A., Sakhuja R.	Copper catalyzed direct aerobic double-oxidative cross-dehydrogenative coupling of imidazoheterocycles with aryl acetaldehydes: An articulate approach for dicarbonylation at C-3 position	2016	Tetrahedron	72	5
221.	Kumari S., Shakoor S.M.A., Bajaj K.,	Copper-catalysed C-N/C-O coupling in water: A facile access to N-coumaryl amino acids and	2016	Tetrahedron Letters	57	25

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223.	Nandwana N.K., Dhiman S., Shelke G.M., Kumar A.	Copper-catalyzed tandem Ullmann type C-N coupling and dehydrative cyclization: Synthesis of imidazo[1,2-c]quinazolines	2016	Organic and Biomolecular Chemistry	14	5
224.	Belgamwar S.U., Sharma N.N.	Copper-philic carbon nanotubes	2016	AIP Conference Proceedings	1724	
225.	Singh G.P., Bishi B.K., Sahoo P.K.	Cosmological constant Λ in f (R, T) modified gravity	2016	International Journal of Geometric Methods in Modern Physics	13	5
226.	Sarkar T.G., Sen A.A.	Cosmology and Astrophysics using the Post-Reionization HI	2016	Journal of Astrophysics and Astronomy	37	4
227.	Govada A., Sahay S.K.	Covariance estimation for vertically partitioned data in a distributed environment	2016	Studies in Computational Intelligence	653	
228.	Kadumuri R.V., Gullipalli J., Subramanian S., Jaipuria G., Atreya H.S., Vadrevu R.	Crowding interactions perturb structure and stability by destabilizing the stable core of the α-subunit of tryptophan synthase	2016	FEBS Letters		
229.	Kumari P., Swami M.O., Nadipalli S.K., Myneni S., Ghosh B., Biswas S.	Curcumin Delivery by Poly(Lactide)-Based Co-Polymeric Micelles: An In Vitro Anticancer Study	2016	Pharmaceutical Research	33	4
230.	Amol Marathe S., Balakrishnan A., Devi Negi V., Sakorey D., Chandra N., Chakravortty D.	Curcumin reduces the motility of salmonella enterica serovar typhimurium by binding to the flagella, thereby leading to flagellar fragility and shedding	2016	Journal of Bacteriology	198	13
231.	Pandey A., Kulkarni Y.A., Gaikwad A.B.	Curcumin: The epigenetic therapy	2016	Fruits, Vegetables, and Herbs: Bioactive Foods in Health Promotion		
232.	Singh R.I., Kumar R.	Current status and experimental investigation of oxy-fired fluidized bed	2016	Renewable and Sustainable Energy Reviews	61	
233.	Pandey M., Chaturvedi R., Rai S.K.	Custom IC/Embedded IP design for histogram in video processing application	2016	AIP Conference Proceedings	1715	
234.	Sreekesh S., Zala A., Chavan G.K., Goveas N.	Customizable Holter monitor using off-the-shelf components	2016	2016 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2016		
235.	Mahibalan S., Rao P.C., Khan R., Basha A., Siddareddy R.,	Cytotoxic constituents of Oldenlandia umbellata and isolation of a new symmetrical coumarin dimer	2016	Medicinal Chemistry Research	25	3

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236.	Sharma P., Banerjee R., Narayan K.P.	Data for stable formulation of steroid hormone receptor-targeted liposomes for cancer therapeutics	2016	Data in Brief	7	
237.	Banerjee K., Banerjee S., Sarkar S.	Data-race detection: The missing piece for an end-to-end semantic equivalence checker for parallelizing transformations of array-intensive programs	2016	ARRAY 2016 - Proceedings of the 3rd ACM SIGPLAN International Workshop on Libraries, Languages, and Compilers for Array Programming, Co-located with PLDI 2016		
238.	Challa J.S., Goyal P., Nikhil S., Mangla A., Balasubramaniam S.S., Goyal N.	DD-Rtree: A dynamic distributed data structure for efficient data distribution among cluster nodes for spatial data mining algorithms	2016	Proceedings - 2016 IEEE International Conference on Big Data, Big Data 2016		
239.	Agarwal S.	DEA-neural networks approach to assess the performance of public transport sector of India	2016	OPSEARCH	53	2
240.	Arunachalam K., Pedinti V.S., Goel S.	Decentralized distributed generation in India: A review	2016	Journal of Renewable and Sustainable Energy	8	2
241.	Taliyan R., Ramagiri S.	Delayed neuroprotection against cerebral ischemia reperfusion injury: Putative role of BDNF and GSK-3β	2016	Journal of Receptors and Signal Transduction	36	4
242.	Sharma M., Rani L.	Demographic differences among Indian primary school children's environmentally sustainable consumption behavior	2016	International Journal of Applied Business and Economic Research	14	6
243.	Sundar A., Das C., Pahwa V.	Denoising knee joint vibration signals using variational mode decomposition	2016	Advances in Intelligent Systems and Computing	433	
244.	Vijayaraghavan V., Garg A., Wong C.H., Tai K., Regalla S.P., Tsai M.C.	Density characteristics of laser-sintered three-dimensional printing parts investigated by using an integrated finite element analysis-based evolutionary algorithm approach	2016	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	230	1
245.	Ghonge S., Banerjee S.	Dependence of shape and geometry of microelectrodes in manipulating polarisable particles like DNA through electro-kinetic effects	2016	Defence Science Journal	66	4
246.	Arivarasi A., Kumar A.R., Krishnan J.N.	Design & material characterization of potassium gold cyanide immersed layers for 3D printing nano sensor	2016	Lecture Notes in Engineering and Computer Science	2225	
247.	Islam S.K.H.	Design and analysis of an improved smartcard-based remote user password authentication scheme	2016	International Journal of Communication Systems	29	11

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248.	Nikhil T., Chandrahas T., Chaitanya C., Sagar I., Sabareesh G.R.	Design and Development of a Test-Rig for Determining Vibration Characteristics of a Beam	2016	Procedia Engineering	144	
249.	Dhanjal S.S., Pratihar D.K.	Design and development of board cleaning serial manipulator: Board cleaning manipulator	2016	2015 IEEE UP Section Conference on Electrical Computer and Electronics, UPCON 2015		
250.	Parthiban B.D., Saxena S., Chandran M., Jonnalagadda P.S., Yadav R., Srilakshmi R.R., Perumal Y., Dharmarajan S.	Design and Development of Mycobacterium tuberculosis Lysine ε-Aminotransferase Inhibitors for Latent Tuberculosis Infection	2016	Chemical Biology and Drug Design	87	2
251.	Reshma R.S., Saxena S., Bobesh K.A., Jeankumar V.U., Gunda S., Yogeeswari P., Sriram D.	Design and development of new class of Mycobacterium tuberculosis L-alanine dehydrogenase inhibitors	2016	Bioorganic and Medicinal Chemistry	24	18
252.	Reshma R.S., Yogeeswari P., Sriram D.	Design and development of novel inhibitors for the treatment of latent tuberculosis	2016	International Journal of Mycobacteriology	5	
253.	Kashyap J., Nagesh S., Narayan K., Pattnaik P.K.	Design and simulation of a novel 3D MEMS fabrication/micro cutting facility by thermally actuated MEMS device	2016	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2016-January	
254.	Sharan L., Shanbhag A.G., Chaubey V.K.	Design and simulation of modified duobinary modulated 40 Gbps 32 channel DWDM optical link for improved non-linear performance	2016	Cogent Engineering	3	1
255.	Y T.V., Agarwal D.S., Sarmah A., Yukti, Sakhuja R., Pant D.D.	Design and synthesis of amino acid appended azo dye hybrid: Characterization, solvatochromic and quantum-chemical calculations using experimental and theoretical approach	2016	Journal of Molecular Liquids	221	
256.	Joy J., Kandpal K.	Design of a 1V subthreshold comparator for bio-medical over sampled ADCs	2016	Proceedings of the 3rd International Conference on Devices, Circuits and Systems, ICDCS 2016		
257.	Sharma A., Hayat A., Mishra R.K., Catanante G., Shahid S.A., Bhand S., Marty J.L.	Design of a fluorescence aptaswitch based on the aptamer modulated nano-surface impact on the fluorescence particles	2016	RSC Advances	6	70
258.	Islam S.K.H., Das A.K., Khan M.K.	Design of a provably secure identity-based digital multi-signature scheme using biometrics and fuzzy extractor	2016	Security and Communication Networks	9	16

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259.	Kotian S.M., Shubhanga K.N.	Design of a subsynchronous damping controller using a dynamic phasor-based model of TCSC	2016	2016 - Biennial International Conference on Power and Energy Systems: Towards Sustainable Energy, PESTSE 2016		
260.	Agrawal R., Chitre M., Mahmood A.	Design of an address assignment and resolution protocol for underwater networks	2016	OCEANS 2016 - Shanghai		
261.	Amin R., Islam S.H., Biswas G.P., Khan M.K., Leng L., Kumar N.	Design of an anonymity-preserving three-factor authenticated key exchange protocol for wireless sensor networks	2016	Computer Networks	101	
262.	Amin R., Islam S.H., Karati A., Biswas G.P.	Design of an enhanced authentication protocol and its verification using AVISPA	2016	2016 3rd International Conference on Recent Advances in Information Technology, RAIT 2016		
263.	Chopra M., Jain R., Dewangan A.K., Varkey S., Mazumder S.	Design of curcumin loaded polymeric nanoparticles-optimization, formulation and characterization	2016	Journal of Nanoscience and Nanotechnology	16	9
264.	Garg R., Gupta M., Amin R., Patel K., Hafizul Islam S.K., Biswas G.P.	Design of secure authentication protocol in SOCKS V5 for VPN using mobile phone	2016	International Conference on Trends in Automation, Communication and Computing Technologies, I-TACT 2015		
265.	Sivasubramanian M.V.R., Singh S.B., Rajagopalan N.	Design oriented stress-strain models for engineered cementitious composites	2016	Revista de la Construccion	15	3
266.	Boopathi P.A., Subudhi A.K., Middha S., Acharya J., Mugasimangalam R.C., Kochar S.K., Kochar D.K., Das A.	Design, construction and validation of a Plasmodium vivax microarray for the transcriptome profiling of clinical isolates	2016	Acta Tropica	164	
267.	Tanwar B., Kumar A., Yogeeswari P., Sriram D., Chakraborti A.K.	Design, development of new synthetic methodology, and biological evaluation of substituted quinolines as new anti-tubercular leads	2016	Bioorganic and Medicinal Chemistry Letters	26	24
268.	Singh R.I., Ghule K.	Design, development, experimental and CFD analysis of a prototype fluidized bed stripper ash cooler	2016	Applied Thermal Engineering	107	
269.	Samala G., Devi P.B., Saxena S., Meda N., Yogeeswari P., Sriram D.	Design, synthesis and biological evaluation of imidazo[2,1-b]thiazole and benzo[d]imidazo[2,1-b]thiazole derivatives as Mycobacterium tuberculosis pantothenate synthetase inhibitors	2016	Bioorganic and Medicinal Chemistry	24	6

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270.	Chander S., Ashok P., Cappoen D., Cos P., Murugesan S.	Design, synthesis and biological evaluation of novel quinoline-based carboxylic hydrazides as anti-tubercular agents	2016	Chemical Biology and Drug Design		
271.	Jain P., Wadhwa P.K., Jadhav H.R.	Design, synthesis and evaluation of acridin-9-yl hydrazide derivatives as BACE-1 inhibitors	2016	Medicinal Chemistry Research	25	7
272.	Jain P., Wadhwa P.K., Gunapati S., Jadhav H.R.	Design, synthesis and in vitro evaluation studies of sulfonyl-amino-acetamides as small molecule BACE-1 inhibitors	2016	Bioorganic and Medicinal Chemistry	24	11
273.	Chander S., Ashok P., Zheng Y.-T., Wang P., Raja K.S., Taneja A., Murugesan S.	Design, synthesis and in-vitro evaluation of novel tetrahydroquinoline carbamates as HIV-1 RT inhibitor and their antifungal activity	2016	Bioorganic Chemistry	64	
274.	Tatar E., Karakus S., Küçükgüzel S.G., Okullu S.Ö., Ünübol N., Kocagöz T, De Clercq E., Andrei G., Snoeck R., Pannecouque C., Kalayc S., Sahin F., Sriram D., Yogeeswari P., Küçükgüzel I.	Design, synthesis, and molecular docking studies of a conjugated thiadiazole-thiourea scaffold as antituberculosis agents	2016	Biological and Pharmaceutical Bulletin	39	4
275.	Tandon D., Patil K., Dasgupta M.S.	Designing a modular rope climbing bot	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
276.	Saini R.P., Singh B.P., Sharma M.K., Wattanawisuth N., Leeprechanon N.	Designing of smart home automation system based on Raspberry Pi	2016	AIP Conference Proceedings	1715	
277.	Roul R.K., Asthana S.R., Shah M., Parikh D.	Detecting spam web pages using content and link-based techniques	2016	Sadhana - Academy Proceedings in Engineering Sciences	41	2
278.	Gokulakrishnan S., Mohammed A., Prakash H.	Determination of persulphates using N,N-diethyl-p-phenylenediamine as colorimetric reagent: Oxidative coloration and degradation of the reagent without bactericidal effect in water	2016	Chemical Engineering Journal	286	
279.	Srivastava A., Geethakumari G.	Determining privacy utility trade-off for Online Social Network data publishing	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON		

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				2015		
280.	Sarkar S.	Developer productivity in HPC application development: An overview of recent techniques	2016	SEM4HPC 2016 - Proceedings of the ACM Workshop on Software Engineering Methods for Parallel and High Performance Applications, Co-located with HPDC 2016		
281.	Jasti N.V.K., Kodali R.	Development of a framework for lean production system: An integrative approach	2016	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	230	1
282.	Masino J., Frey M., Gauterin F., Sharma R.	Development of a highly accurate and low cost measurement device for Field Operational Tests	2016	IEEE 3rd International Symposium on Inertial Sensors and Systems, ISS 2016 - Proceedings		
283.	Singhal A., Gupta R., Singh A.N., Shukla P., Sharma A.	Development of a low cost potato gel system for nitrate removal from water	2016	Research Journal of Chemistry and Environment	20	9
284.	Medapi B., Meda N., Kulkarni P., Yogeeswari P., Sriram D.	Development of acridine derivatives as selective Mycobacterium tuberculosis DNA gyrase inhibitors	2016	Bioorganic and Medicinal Chemistry	24	4
285.	Raizada A., Singru P., Krishnakumar V., Raj V.	Development of an Experimental Model for a Magnetorheological Damper Using Artificial Neural Networks (Levenberg-Marquardt Algorithm)	2016	Advances in Acoustics and Vibration	2016	
286.	Dinda S., Ravisankar V., Puri P.	Development of Bio-epoxide from Nahor (Mesua ferrea Linn) Oil	2016	Journal of the Taiwan Institute of Chemical Engineers	65	
287.	Digalwar A.K., Date P.A.	Development of fuzzy PROMETHEE algorithm for the evaluation of Indian world-class manufacturing organisations	2016	International Journal of Services and Operations Management	24	3
288.	Priya T.H., Parimi A.M., Rao U.M.	Development of hybrid controller for photovoltaic based DC-DC boost converter in DC grid connected applications	2016	Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2016		
289.	Das Mukherjee D., Kumar N.M., Tantak M.P., Das A., Ganguli A., Datta S., Kumar D., Chakrabarti G.	Development of Novel Bis(indolyl)-hydrazide-Hydrazone Derivatives as Potent Microtubule-Targeting Cytotoxic Agents against A549 Lung Cancer Cells	2016	Biochemistry	55	21
290.	Naidu Uttaravalli A., Dinda S.	Development of Poly-Cyclohexanone Resin Material for Coating Applications	2016	Materials Today: Proceedings	3	10

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291.	Sharma A., Catanante G., Hayat A., Istamboulie G., Ben Rejeb I., Bhand S., Marty J.L.	Development of structure switching aptamer assay for detection of aflatoxin M1 in milk sample	2016	Talanta	158	
292.	Taparia T., Mvss M., Mehrotra R., Shukla P., Mehrotra S.	Developments and challenges in biodiesel production from microalgae: A review	2016	Biotechnology and Applied Biochemistry	63	5
293.	Kulkarni Y.A., Garud M.S., Oza M.J., Barve K.H., Gaikwad A.B.	Diabetes, diabetic complications, and flavonoids	2016	Fruits, Vegetables, and Herbs: Bioactive Foods in Health Promotion		
294.	Raman R., Gella L., Srinivasan S., Sharma T.	Diabetic retinopathy: An epidemic at home and around the world	2016	Indian Journal of Ophthalmology	64	1
295.	Kannan B.R., Venkataraman B.H.	Dielectric and electrical conductivity characteristics of undoped and samarium doped ferroelectric SrBi2Ta2O9 ceramics derived from molten salt synthesis route	2016	Ferroelectrics	493	1
296.	Povar D., Geethakumari G.	Digital forensic architecture for cloud computing systems: Methods of evidence identification, segregation, collection and partial analysis	2016	Advances in Intelligent Systems and Computing	433	
297.	Ghosh B., Zhao W.-N., Reis S.A., Patnaik D., Fass D.M., Tsai L.-H., Mazitschek R., Haggarty S.J.	Dissecting structure-activity-relationships of crebinostat: Brain penetrant HDAC inhibitors for neuroepigenetic regulation	2016	Bioorganic and Medicinal Chemistry Letters	26	4
298.	Pandey M.M., Jaipal A., Charde S.Y., Goel P., Kumar L.	Dissolution enhancement of felodipine by amorphous nanodispersions using an amphiphilic polymer: Insight into the role of drug-polymer interactions on drug dissolution	2016	Pharmaceutical Development and Technology	21	4
299.	Rakshit D., Sarkar S.K., Satpathy K.K., Ganesh P.S., Godhantaraman N., Biswas J.K.	Diversity and Distribution of Microzooplankton Tintinnid (Ciliata: Protozoa) in the Core Region of Indian Sundarban Wetland	2016	Clean - Soil, Air, Water	44	10
300.	Maity A., Singh A., Singh N.	DNA denaturation in ionic solution	2016	AIP Conference Proceedings	1728	
301.	Dhole K., Kohli H.	Document categorization using semantic relatedness & Anaphora resolution: A discussion	2016	Proceedings of 2015 IEEE International Conference on Research in Computational Intelligence and Communication Networks, ICRCICN 2015		
302.	Alphonse A.M., Shailaja G., Sinha P.	Domination on Circulant Graphs with two chord length	2016	Electronic Notes in Discrete Mathematics	56	

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303.	Selvaganapathy J.S., Das P.K., Konar P.	Drell-Yan process as an avenue to test a noncommutative standard model at the Large Hadron Collider	2016	Physical Review D	93	11
304.	Devarapu S.K., Kumar VR S., Rupanagudi K.V., Kulkarni O.P., Eulberg D., Klussmann S., Anders H.-J.	Dual blockade of the pro-inflammatory chemokine CCL2 and the homeostatic chemokine CXCL12 is as effective as high dose cyclophosphamide in murine proliferative lupus nephritis	2016	Clinical Immunology	169	
305.	Krishna V.S.R., Singhal R.	Dual carrier multiplexed M-QAM signals modulated optical SSB transmission over fiber	2016	IFIP International Conference on Wireless and Optical Communications Networks, WOCN	2016-November	
306.	Kotian S.M., Shubhanga K.N.	Dynamic phasor modelling and simulation	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
307.	Mathew J.P., Patel R.N., Borah A., Vijay R., Deshmukh M.M.	Dynamical strong coupling and parametric amplification of mechanical modes of graphene drums	2016	Nature Nanotechnology	11	9
308.	Mishra B., Tarai S., Tripathy S.K.	Dynamics of an Anisotropic Universe in f(R, T) Theory	2016	Advances in High Energy Physics	2016	
309.	Goru S.K., Pandey A., Gaikwad A.B.	E3 ubiquitin ligases as novel targets for inflammatory diseases	2016	Pharmacological Research	106	
310.	Kumar A., Chanda U.	Economic order quantity model for new product under fuzzy environment where demand follows innovation diffusion process with salvage value	2016	International Journal of Procurement Management	9	3
311.	Joshi A., Singhal R.	Edge perturbation effect in polygonal patch antennas	2016	Proceedings of 2015 International Conference on Signal Processing, Computing and Control, ISPCC 2015		
312.	Shaikh I., Sharma S.K., Goyal P.	Editorial	2016	International Journal of Management Practice	9	3
313.	Chaudhari V., Kulkarni D.M.	Effect of ao/W ratio on fracture toughness parameter of extra deep drawn steel sheets: 7Experimental and finite element studies	2016	International Journal of Vehicle Structures and Systems	8	4
314.	Leelaram S., Sivanesh N.E., Surianarayanan M., Deepa P.R., Ashwath Balaje S.	Effect of feeding strategies on inulinase production analyzed in a biocalorimeter	2016	Process Biochemistry	51	6

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315.	Ghorai S., Sarmah A., Roy R.K., Tiwari A., Mukherjee C.	Effect of Geometrical Distortion on the Electronic Structure: Synthesis and Characterization of Monoradical-Coordinated Mononuclear Cu(II) Complexes	2016	Inorganic Chemistry	55	4
316.	Satya S.V.V.N., Regalla S.P., Ratna S.G.	Effect of localized heat treatment on the weld line shift in deep drawing of tailor welded blanks (TWBs)	2016	AIP Conference Proceedings	1769	
317.	Kalola M.G., Dasar M., Shete K.P., Patil R.S.	Effect of novel swirling perforated distributor on fluid dynamic characteristics of circulating fluidized bed riser	2016	American Society of Mechanical Engineers, Power Division (Publication) POWER	2016-January	
318.	Ramkumar P.L., Waigaonkar S.D., Kulkarni D.M.	Effect of oven residence time on mechanical properties in rotomoulding of LLDPE	2016	Sadhana - Academy Proceedings in Engineering Sciences	41	5
319.	Kumar M.	Effect of overloading on shear lag in RC box-girder bridges	2016	Indian Concrete Journal	90	8
320.	Mittal D., Taliyan R., Sharma P., Yadav H.	Effect of pioglitazone on the abrogated cardioprotective effect of ischemic preconditioning in hyperlipidemic rat heart	2016	Indian Journal of Pharmacology	48	1
321.	Mandapalli P.K., Labala S., Bojja J., Venuganti V.V.K.	Effect of pirfenidone delivered using layer-by-layer thin film on excisional wound healing	2016	European Journal of Pharmaceutical Sciences	83	
322.	Mariaamalraj S.K., Pasumarthi R., Achary A., Mutnuri S.	Effect of rhamnolipid on biodegradation of hydrocarbons in non-aqueous-phase liquid (NAPL)	2016	Bioremediation Journal	20	3
323.	Chouhan O.P., Bandekar D., Hazra M., Baghudana A., Hazra S., Biswas S.	Effect of site-directed mutagenesis at the GGEEF domain of the biofilm forming GGEEF protein from Vibrio cholerae	2016	AMB Express	6	1
324.	Bharadwaj N., Mathew S., Pani A., Arkatkar S., Joshi G., Ravinder K.	Effect of traffic composition and emergency lane on capacity: a case study of intercity expressway in India	2016	Transportation Letters		
325.	Kar P., Jain A., Rout B.K.	Effective localization of humanoid with fish-eye lens using field line detection	2016	Proceedings of 2016 Asia-Pacific Conference on Intelligent Robot Systems, ACIRS 2016		
326.	Chintanpalli A., Ahlstrom J.B., Dubno J.R.	Effects of age and hearing loss on concurrent vowel identification	2016	Journal of the Acoustical Society of America	140	6
327.	Prince A.A., Ganesh S., Verma P.K., George P., Raju D.	Efficient implementation of empirical mode decomposition in FPGA Using Xilinx System Generator	2016	IECON Proceedings (Industrial Electronics Conference)		
328.	Choudhary S., Holkundkar A.R.	Efficient ion acceleration by relativistic self-induced transparency in subwavelength	2016	European Physical Journal D	70	11

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329.	Rani A., Goyal N., Gadia S.K.	Efficient multi-depth querying on provenance of relational queries using graph database	2016	ACM International Conference Proceeding Series	21-23-October-2016	
330.	Kulkarni J.A., Anupama K.R., Goveas N.	Efficient wireless network services for civil Structure Health Monitoring	2016	2015 International Conference on Computing and Network Communications, CoCoNet 2015		
331.	Sharma Y.	Effort estimation for program modification in object oriented development	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9789	
332.	Pandey M., Joshi G.M., Ghosh N.N.	Electrical performance of lithium ion based polymer electrolyte with polyethylene glycol and polyvinyl alcohol network	2016	International Journal of Polymeric Materials and Polymeric Biomaterials	65	15
333.	Patil M.	Embedded software product verification and validation using Virtual Reality [VIL]	2016	2015 IEEE International Transportation Electrification Conference, ITEC-India 2015		
334.	Rupak K., Vulichi S.R., Suman K.	Emphasizing morpholine and its derivatives (maid): Typical candidate of pharmaceutical importance	2016	International Journal of Chemical Sciences	14	3
335.	Ramaraju P., Mir N.A., Singh D., Kumar I.	Enantioselective synthesis of 1,2,5,6-tetrahydropyridines (THPs): Via proline-catalyzed direct Mannich-cyclization/domino oxidation-reduction sequence: Application for medicinally important N-heterocycles	2016	RSC Advances	6	65
336.	Pasha S.S., Alam P., Sarmah A., Roy R.K., Laskar I.R.	Encapsulation of multi-stimuli AIE active platinum(II) complex: A facile and dry approach for luminescent mesoporous silica	2016	RSC Advances	6	90
337.	Mishra S., Gupta S., Raghuvanshi S., Pal P.	Energetic assessment of fixation of CO_2 and subsequent biofuel production using B. cereus SM1 isolated from sewage treatment plant	2016	Bioprocess and biosystems engineering	39	8
338.	Mishra S., Gupta S., Raghuvanshi S., Pal P.	Energetic assessment of fixation of CO_2 and subsequent biofuel production using B. cereus SM1 isolated from sewage treatment plant	2016	Bioprocess and Biosystems Engineering	39	8
339.	Sreejith V., Khandelwal P., Gudino L.J., Anupama K.R.	Energy efficient mobile MAC protocol with mobility vector for neighbor selection in wireless sensor networks	2016	International Review on Computers and Software	11	12
340.	Panday A., Bansal	Energy management strategy for	2016	Journal of	8	1

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	H.O.	hybrid electric vehicles using genetic algorithm		Renewable and Sustainable Energy		
341.	Panday A., Bansal H.O.	Energy Management Strategy Implementation for Hybrid Electric Vehicles Using Genetic Algorithm Tuned Pontryagin's Minimum Principle Controller	2016	International Journal of Vehicular Technology	2016	
342.	Chattopadhyay L., Jain P.K.	Energy release rate for constrained and unconstrained modes in a delaminated beam-plate subjected to compressive load	2016	Archive of Applied Mechanics	86	5
343.	Pulla V.K., Sriram D.S., Viswanadha S., Sriram D., Yogeeswari P.	Energy-Based Pharmacophore and Three-Dimensional Quantitative Structure-Activity Relationship (3D-QSAR) Modeling Combined with Virtual Screening to Identify Novel Small-Molecule Inhibitors of Silent Mating-Type Information Regulation 2 Homologue 1 (SIRT1)	2016	Journal of Chemical Information and Modeling	56	1
344.	Jeankumar V.U., Reshma R.S., Vats R., Janupally R., Saxena S., Yogeeswari P., Sriram D.	Engineering another class of anti-tubercular lead: Hit to lead optimization of an intriguing class of gyrase ATPase inhibitors	2016	European Journal of Medicinal Chemistry	122	
345.	Mosa K.A., Kumar K., Chhikara S., Musante C., White J.C., Dhankher O.P.	Enhanced Boron Tolerance in Plants Mediated by Bidirectional Transport Through Plasma Membrane Intrinsic Proteins	2016	Scientific Reports	6	
346.	Choudhary A., Das B., Ray S.	Enhanced catalytic activity and magnetization of encapsulated nickel Schiff-base complexes in zeolite-Y: A correlation with the adopted non-planar geometry	2016	Dalton Transactions	45	47
347.	Pareek S., Dahiya R.	Enhanced power generation of partial shaded photovoltaic fields by forecasting the interconnection of modules	2016	Energy	95	
348.	Pala Z., Shukla V., Alok A., Kudale S., Desai N.	Enhanced production of an anti-malarial compound artesunate by hairy root cultures and phytochemical analysis of Artemisia pallens Wall	2016	3 Biotech	6	2
349.	Singh S., Sai Nandini A.D., Pal S., Dhanavantri C.	Enhancement of light extraction efficiency of vertical LED with patterned graphene as current spreading layer	2016	Superlattices and Microstructures	89	
350.	Singh S.	Enhancing phytochemical levels, enzymatic and antioxidant activity of spinach leaves by chitosan treatment and an insight into the metabolic pathway using DART-MS technique	2016	Food Chemistry	199	
351.	Sharma S., Taliyan R.	Epigenetic modifications by inhibiting histone deacetylases reverse memory impairment in insulin resistance induced cognitive deficit in mice	2016	Neuropharmacology	105	

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352.	Saha S., Sarkar J., Dwivedi A., Dwivedi N., Narasimhamurthy A.M., Roy R., Rao S.	Erratum to: A novel revenue optimization model to address the operation and maintenance cost of a data center (Journal of Cloud Computing: Advances, Systems and Applications, (2016), 5, (1), 10.1186/s13677-015-0050-8)	2016	Journal of Cloud Computing	5	1
353.	Buchmueller O., Citron M., Ellis J., Guha S., Marrouche J., Olive K.A., de Vries K., Zheng J.	Erratum to: Collider Interplay for Supersymmetry, Higgs and Dark Matter(Eur. Phys. J. C, (2015), 75, 469, Doi:10.1140/epjc/s10052-015-3675-3)	2016	European Physical Journal C	76	4
354.	Kumari P., Swami M.O., Lakhani P.M., Nadipalli S.K., Myneni S., Ghosh B., Biswas S.	Erratum to: Curcumin Delivery by Poly(Lactide)-Based Co-Polymeric Micelles: An In Vitro Anticancer Study (Pharm Res, 10.1007/s11095-015-1830-z)	2016	Pharmaceutical Research	33	7
355.	Shah M.B.N., Husain A.R., Aysan H., Punnekkat S., Dobrin R., Bender F.A.	Error Handling Algorithm and Probabilistic Analysis Under Fault for CAN-Based Steer-by-Wire System	2016	IEEE Transactions on Industrial Informatics	12	3
356.	Kadakol A., Sharma N., Kulkarni Y.A., Gaikwad A.B.	Esculetin: A phytochemical endeavor fortifying effect against non-communicable diseases	2016	Biomedicine and Pharmacotherapy	84	
357.	Soni A.K., Kumar R., Kishore D.K.	Estimation of age groups based on facial features	2016	Proceedings of the 2015 International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2015		
358.	Patil G.R., Sahu P.K.	Estimation of freight demand at Mumbai Port using regression and time series models	2016	KSCE Journal of Civil Engineering	20	5
359.	Dash B.	Evacuation during cyclones Phailin and Hudhud: Re-evaluation of success	2016	Economic and Political Weekly	51	53
360.	Singh S., Dasgupta M.S.	Evaluating applicability of trans-critical CO2 refrigeration system using field data of an ammonia based plant	2016	Refrigeration Science and Technology		
361.	Routroy S., Pradhan S.K., Sunil Kumar C.V.	Evaluating the implementation performance of a supplier development program	2016	Asia Pacific Journal of Marketing and Logistics	28	4
362.	Kanuganti S., Sarkar A.K., Singh A.P.	Evaluation of access to health care in rural areas using enhanced two-step floating catchment area (E2SFCA) method	2016	Journal of Transport Geography	56	
363.	Kaushal H., Bras-Gonçalves R., Avishek K., Kumar Deep D., Petitdidier E.,	Evaluation of cellular immunological responses in mono- and polymorphic clinical forms of post-kala-azar dermal leishmaniasis in India	2016	Clinical and Experimental Immunology	185	1

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364.	Mahadule R.N., Chavan J.S.	Evaluation of Minimum Door Closing Velocity Using Analytical Approach	2016	SAE Technical Papers	2016-April	April
365.	Gupta R., Srinivas R., Rajesh Reddy P., Swathi V.	Evaluation of MRTS Using the Spatial Technique: A Case Study	2016	International Conference on Transportation and Development 2016: Projects and Practices for Prosperity - Proceedings of the 2016 International Conference on Transportation and Development		
366.	Singh S., Dasgupta M.S.	Evaluation of research on CO2 trans-critical work recovery expander using multi attribute decision making methods	2016	Renewable and Sustainable Energy Reviews	59	
367.	Manasi, Rajesh N., Rajesh V.	Evaluation of the genetic basis of heavy metal resistance in an isolate from electronic industry effluent	2016	Journal of Genetic Engineering and Biotechnology	14	1
368.	Sarkar D., Pal M., Sarkar A.K., Mishra U.	Evaluation of the Properties of Bituminous Concrete Prepared from Brick-Stone Mix Aggregate	2016	Advances in Materials Science and Engineering	2016	
369.	Meera G., Geethakumari G.	Event Correlation for Log Analysis in the Cloud	2016	Proceedings - 6th International Advanced Computing Conference, IACC 2016		
370.	Kumar Raju B.K.S.P., Geethakumari G.	Event correlation in cloud: a forensic perspective	2016	Computing	98	11
371.	Nayak T., Dash T., Rao D.C., Sahu P.K.	Evolutionary neural networks versus adaptive resonance theory net for breast cancer diagnosis	2016	ACM International Conference Proceeding Series	25-26-August-2016	
372.	Yenupuri T.V., Mydlova L., Agarwal D.S., Sharma R., Sakhuja R., Makowska-Janusik M., Pant D.D.	Experimental and quantum chemical calculations of imidazolium appended naphthalene hybrid in different biomimicking aqueous interfaces	2016	Journal of Physical Chemistry A	120	33
373.	Josyula S.K., Narala S.K.R.	Experimental investigation on tribological behaviour of Al-TiCp composite under sliding wear conditions	2016	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	230	8
374.	Madhesh D., Parameshwaran R., Kalaiselvam S.	Experimental Studies on Convective Heat Transfer and Pressure Drop Characteristics of Metal and Metal Oxide Nanofluids under Turbulent Flow Regime	2016	Heat Transfer Engineering	37	5

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375.	Dutta N., Bhat A.	Exploring the Effect of Store Characteristics and Interpersonal Trust on Purchase Intention in the Context of Online Social Media Marketing	2016	Journal of Internet Commerce	15	3
376.	Alam P., Climent C., Kaur G., Casanova D., Roy Choudhury A., Gupta A., Alemany P., Laskar I.R.	Exploring the Origin of Aggregation Induced Emission Activity and Crystallization Induced Emission in Organometallic Iridium(III) Cationic Complexes: Influence of Counterions	2016	Crystal Growth and Design	16	10
377.	Pathak K.Y., Mohanan A., Acharya S., Mandavia D., Jadhav H.R.	Exploring visceral adiposity index as a predictor of visceral adiposity dysfunction and evaluating its performance in predicting hepatic insulin resistance in Indian type 2 diabetics	2016	International Journal of Pharmacy and Pharmaceutical Sciences	8	8
378.	Raju B.K., Moharil B., Geethakumari G.	FaaSeC: Enabling Forensics-as-a-Service for cloud computing systems	2016	Proceedings - 9th IEEE/ACM International Conference on Utility and Cloud Computing, UCC 2016		
379.	Rao Y.V.S., Raghavan A.N., Viswanathan M.	Fabrication and characterization of polyvinylidene fluoride microfilms for microfluidic applications	2016	International Journal of Nanoscience	15	5-Jun
380.	Lakshmanan R., Raja P.P., Shivaprakash N.C., Sindhu S.	Fabrication of fast switching electrochromic window based on poly(3,4-(2,2-dimethylpropylenedioxy)thiophene) thin film	2016	Journal of Materials Science: Materials in Electronics	27	6
381.	Kumari A., Kodati H., Sahoo S.K.	Fast and efficient contrast enhancement for real time video dehazing and defogging	2016	2015 IEEE Workshop on Computational Intelligence: Theories, Applications and Future Directions, WCI 2015		
382.	Kumar J., Manjuladevi V., Gupta R.K., Kumar S.	Fast response in TN liquid-crystal cells: effect of functionalised carbon nanotubes	2016	Liquid Crystals	43	4
383.	Biswal S., George J.D., Sabareesh G.R.	Fault Size Estimation Using Vibration Signatures in a Wind Turbine Test-rig	2016	Procedia Engineering	144	
384.	The PANDA Collaboration, Singh B., P. N. Deepak, A. Kulkarni and 505 other authors	Feasibility studies of time-like proton electromagnetic form factors at P^-ANDA at FAIR	2016	European Physical Journal A	52	10
385.	Das M., Sharma S.	Fetishizing women: Advertising in Indian television and its effects on target audiences	2016	Journal of International Women's Studies	18	1
386.	Sehrawat M., Giri A.K.	Financial development and poverty reduction in India: An empirical investigation	2016	International Journal of Social Economics	43	2

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387.	Sehrawat M., Giri A.K.	Financial development and poverty reduction: Panel data analysis of South Asian countries	2016	International Journal of Social Economics	43	4
388.	Sehrawat M., Giri A.K.	Financial development, poverty and rural-urban income inequality: evidence from South Asian countries	2016	Quality and Quantity	50	2
389.	Scardoni G., Tosadori G., Pratap S., Spoto F., Laudanna C.	Finding the shortest path with PesCa: A tool for network reconstruction [version 2; referees: 2 approved, 2 approved with reservations]	2016	F1000Research	4	
390.	Sande P.C., Ray S.	Fine Mesh Computational Fluid Dynamics Study on Gas-Fluidization of Geldart A Particles: Homogeneous to Bubbling Bed	2016	Industrial and Engineering Chemistry Research	55	9
391.	Gupta V., Bhasin R.K., Kaynia A.M., Kumar V., Saini A.S., Tandon R.S., Pabst T.	Finite element analysis of failed slope by shear strength reduction technique: a case study for Surabhi Resort Landslide, Mussoorie township, Garhwal Himalaya	2016	Geomatics, Natural Hazards and Risk	7	5
392.	Agarwal R., Mukhiya R., Sharma R., Sharma M.K., Goel A.K.	Finite element method-based design and simulations of micro-cantilever platform for chemical and bio-sensing applications	2016	Defence Science Journal	66	5
393.	Raman R., Singh H.S., Appanraj R., Jambulingam M., Bhende M., Roy R., Sharma T.	Five-Year Incidence and Visual Outcomes in Postintravitreal Injection Endophthalmitis	2016	Ophthalmology	123	5
394.	Chandekar H., Chaudhari V.	Flexural creep behaviour of jute polypropylene composites	2016	IOP Conference Series: Materials Science and Engineering	149	1
395.	Singh S.B., Munjal P.	Flexural response of masonry beam strengthened with FRP rebars	2016	Insights and Innovations in Structural Engineering, Mechanics and Computation - Proceedings of the 6th International Conference on Structural Engineering, Mechanics and Computation, SEMC 2016		
396.	Parameshwaran R., Dhulipalla S.J., Yendluri D.R.	Fluid-structure Interactions and Flow Induced Vibrations: A Review	2016	Procedia Engineering	144	
397.	Harvey C., Marklund M., Holkundkar A.R.	Focusing effects in laser-electron Thomson scattering	2016	Physical Review Accelerators and Beams	19	9
398.	Kharb V., Saharan V.A., Kharb V., Jadhav H., Purohit S.	Formulation and characterization of taste masked ondansetron-magnesium aluminum silicate adsorption systems	2016	Drug Development and Industrial Pharmacy	42	8

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399.	Pandey A., Kumar G.S., Kadakol A., Malek V., Gaikwad A.B.	FoxO1 inhibitors: The future medicine for metabolic disorders?	2016	Current Diabetes Reviews	12	3
400.	Pandey A., Kumar G.S., Kadakol A., Malek V., Gaikwad A.B.	FoxO1 Inhibitors: The Future Medicine for Metabolic Disorders?	2016	Current diabetes reviews	12	3
401.	Singh A., Prince A.A.	FPGA implementation of second-order difference plot for epileptic seizure detection in EEG signals	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
402.	Mathur H.D., Bhateshvar Y.K.	Frequency regulation with vehicle-to-grid (V2G) option in multi-generation power network [Elektromobilio Darbo į Tinklą Alternatyva Dažniui Reguliuoti Daugiageneratorinėje Elektros Sistemoje]	2016	Energetika	62	1-Feb
403.	Babu M.S., Clement S., Rajan N.K.S.	Fuel Conversion Benefit of Producer Gas over Gasoline - An Experimental Analysis	2016	Energy Procedia	100	
404.	Ranjan R., Bagchi S.	Functional response and body size in consumer-resource interactions: Unimodality favors facilitation	2016	Theoretical Population Biology	110	
405.	Subramanian D.V., Kumar K.P.	Fuzzy based modeling for an effective IT security policy management	2016	Proceedings of 2016 SAI Computing Conference, SAI 2016		
406.	Morankar D.V., Srinivasa Raju K., Vasan A., Ashoka Vardhan L.	Fuzzy multiobjective irrigation planning using particle swarm optimization	2016	Journal of Water Resources Planning and Management	142	8
407.	Kumar K.P., Subramanian D.V.	Fuzzy-based querying approach for multidimensional big data quality assessment	2016	Handbook of Research on Fuzzy and Rough Set Theory in Organizational Decision Making		
408.	Joshi A., Singhal R.	Gain improvement in polygonal patch antennas	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
409.	Avishek K., Kaushal H., Gannavaram S., Dey R., Selvapandiyan A.,	Gene deleted live attenuated Leishmania vaccine candidates against visceral leishmaniasis elicit pro-inflammatory cytokines response in human PBMCs	2016	Scientific Reports	6	

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	Ramesh V., Negi N.S., Dubey U.S., Nakhasi H.L., Salotra P.					
410.	Warchol I., Gora M., Wysocka-Kapcinska M., Komaszylo J., Swiezewska E., Sojka M., Danikiewicz W., Plochocka D., Maciejak A., Tulacz D., Leszczynska A., Kapur S., Burzynska B.	Genetic engineering and molecular characterization of yeast strain expressing hybrid human-yeast squalene synthase as a tool for anti-cholesterol drug assessment	2016	Journal of Applied Microbiology	120	4
411.	Antapurkar S.K., Pandey A., Gupta K.K.	GFDM performance in terms of BER, PAPR and OOB and comparison to OFDM system	2016	AIP Conference Proceedings	1715	
412.	Indhumathy M., Arumugam S., Baths V., Singh T.	Graph theoretic concepts in the study of biological networks	2016	Springer Proceedings in Mathematics and Statistics	186	
413.	Poornalakshmi U., Agarwal S., Balasubramanian M., Pattnaik P.K.	Grating based MEMS tunable filter for WDM optical network	2016	2015 11th Conference on Lasers and Electro-Optics Pacific Rim, CLEO-PR 2015	2	
414.	Khandare D.G., Banerjee M., Gupta R., Kumar N., Ganguly A., Singh D., Chatterjee A.	Green synthesis of a benzothiazole based 'turn-on' type fluorimetric probe and its use for the selective detection of thiophenols in environmental samples and living cells	2016	RSC Advances	6	58
415.	Kewalramani M.A., Gupta R.	Group method of data handling algorithms to predict compressive strength of concrete based on absorbed extraterrestrial solar radiations	2016	Key Engineering Materials	689	
416.	Sahay S.K., Sharma A.	Grouping the Executables to Detect Malwares with High Accuracy	2016	Physics Procedia	78	
417.	Sahay S.K., Sharma A.	Grouping the Executables to Detect Malwares with High Accuracy	2016	Procedia Computer Science	78	
418.	Flege J.I., Höcker J., Kaemena B., Menteş T.O., Sala A., Locatelli A., Gangopadhyay S., Sadowski J.T., Senanayake S.D., Falta J.	Growth and characterization of epitaxially stabilized ceria(001) nanostructures on Ru(0001)	2016	Nanoscale	8	20
419.	Choudhary S., Sarma J.V.N., Gangopadhyay S.	Growth and characterization of single phase Cu2O by thermal oxidation of thin copper films	2016	AIP Conference Proceedings	1724	
420.	Nagappan S., Verma S.K.	Growth model for raceway pond cultivation of Desmodesmus sp. MCC34 isolated from a local water body	2016	Engineering in Life Sciences	16	1

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421.	Vishwakarma S.K., Xu R.	G-type dispersion equation under suppressed rigid boundary: analytic approach	2016	Applied Mathematics and Mechanics (English Edition)	37	4
422.	Pandey A., Goru S.K., Kadakol A., Malek V., Sharma N., Gaikwad A.B.	H2AK119 monoubiquitination regulates Angiotensin II receptor mediated macrophage infiltration and renal fibrosis in type 2 diabetic rats	2016	Biochimie	131	
423.	Kumar A., Pandey A.	Hand Gestures and Speech Mapping of a Digital Camera for Differently Abled	2016	Proceedings - 6th International Advanced Computing Conference, IACC 2016		
424.	Mishra A., Agarwal M., Raju K.S.	Hardware and software performance of image processing applications on reconfigurable systems	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
425.	Murotiya S.L., Gupta A.	Hardware-efficient low-power 2-bit ternary ALU design in CNTFET technology	2016	International Journal of Electronics	103	5
426.	Agariya A.K., Shivam B.K., Murali S., Tikoria J.	Hashlearn now: Mobile tutoring in India	2016	Journal of Internet Banking and Commerce	21	2
427.	Chougule S.S., Modak M., Gharge P.D., Sahu S.K.	Heat transfer characteristics of cuo-water nanofluids jet impingement on a hot surface	2016	ASME 2016 5th International Conference on Micro/Nanoscale Heat and Mass Transfer, MNHMT 2016	2	
428.	Gupta A., Goel L.	Heuristic approach for face recognition using artificial bee colony optimization	2016	Advances in Intelligent Systems and Computing	530	
429.	Lim D., Kannan E.S., Lee I., Rathi S., Li L., Lee Y., Khan M.A., Kang M., Park J., Kim G.-H.	High performance MoS2-based field-effect transistor enabled by hydrazine doping	2016	Nanotechnology	27	22
430.	Singh W., Sharma R.	High resolution, high speed and low power comparator for high speed ADCs	2016	International Conference on Soft Computing Techniques and Implementations, ICSCTI 2015		
431.	Kumar A.V.P.	Higher order mode of a microstripline fed cylindrical dielectric resonator antenna	2016	AIP Conference Proceedings	1715	
432.	Shankar B., Gupta S.K., Taube W.R., Akhtar J.	High-k dielectrics based field plate edge termination engineering in 4H-SiC Schottky diode	2016	International Journal of Electronics	103	12
433.	Bhowmik B.,	Highly Selective Low-	2016	IEEE Sensors	16	10

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	Manjuladevi V., Gupta R.K., Bhattacharyya P.	Temperature Acetone Sensor Based on Hierarchical 3-D TiO2 Nanoflowers		Journal		
434.	Kumari S., Joshi S., Sarmah A., Pant D., Sakhuja R.	Highly Selective Sensing of Li+ in H2O/CH3CN via Fluorescence 'Turn-on' Response of a Coumarin-Indole Linked Dyad: an Experimental and Theoretical Study	2016	Journal of Fluorescence	26	6
435.	Kumari S., Joshi S., Cordova-Sintjago T.C., Pant D.D., Sakhuja R.	Highly sensitive fluorescent imidazolium-based sensors for nanomolar detection of explosive picric acid in aqueous medium	2016	Sensors and Actuators, B: Chemical	229	
436.	Sharma S., Taliyan R.	Histone deacetylase inhibitors: Future therapeutics for insulin resistance and type 2 diabetes	2016	Pharmacological Research	113	
437.	Goru S.K., Kadakol A., Pandey A., Malek V., Sharma N., Gaikwad A.B.	Histone H2AK119 and H2BK120 monoubiquitination modulate SET7/9 and SUV39H1 in type 1 diabetes-induced renal fibrosis	2016	Biochemical Journal	473	21
438.	Jakhar S., Soni M.S., Gakkhar N.	Historical and recent development of concentrating photovoltaic cooling technologies	2016	Renewable and Sustainable Energy Reviews	60	
439.	Kannan V., Gopal S.	Homeomorphisms on compact metric spaces with finite derived length	2016	Applied General Topology	17	2
440.	Sundaramurthy S., Swaminathan M., Sen P., Arokiasamy T., Deshpande S., John N., Gadkari R.A., Mannan A.U., Soumittra N.	Homozygosity mapping guided next generation sequencing to identify the causative genetic variation in inherited retinal degenerative diseases	2016	Journal of Human Genetics	61	11
441.	Pasumarthi R., Mutnuri S.	Horizontal gene transfer versus biostimulation: A strategy for bioremediation in Goa	2016	Marine Pollution Bulletin	113	1-Feb
442.	Joshi H., Sreejith S., Dey R., Stuparu M.C.	Host-guest interaction between corannulene and γ-cyclodextrin: Mass spectrometric evidence of a 1:1 inclusion complex formation	2016	RSC Advances	6	111
443.	Praveen G.B., Agrawal A.	Hybrid approach for brain tumor detection and classification in magnetic resonance images	2016	International Conference Communication, Control and Intelligent Systems, CCIS 2015		
444.	Regalla S.P., Suresh K.	Hybrid rapid spinning and incremental sheet metal forming of extra deep drawing (EDD) steel	2016	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	2	
445.	Kaswan P., Shelke G.M., Rao V.K., Kumar A.	Hydroxy-Group-Facilitated Vinylic Iodination of ortho-Vinylnaphthols Using Molecular Iodine	2016	Synlett	27	18
446.	Nakazawa N., Mehrotra R., Arakawa O., Yanagida M.	ICRF-193, an anticancer topoisomerase II inhibitor, induces arched telophase spindles that snap, leading to a	2016	Genes to Cells	21	9

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		ploidy increase in fission yeast				
447.	Amaroju S., Kalaga M.N., Srinivasarao S., Napiórkowska A., Augustynowicz-Kopeć E., Murugesan S., Chander S., Krishnan R., Chandra Sekhar K.V.G.	Identification and development of pyrazolo[4,3-c]pyridine carboxamides as Mycobacterium tuberculosis pantothenate synthetase inhibitors	2016	New Journal of Chemistry	41	1
448.	Tiwari N., Bellur U., Sarkar S., Indrawan M.	Identification of critical parameters for MapReduce energy efficiency using statistical design of experiments	2016	Proceedings - 2016 IEEE 30th International Parallel and Distributed Processing Symposium, IPDPS 2016		
449.	Schwiedrzik J., Raghavan R., Rüggeberg M., Hansen S., Wehrs J., Adusumalli R.B., Zimmermann T., Michler J.	Identification of polymer matrix yield stress in the wood cell wall based on micropillar compression and micromechanical modelling	2016	Philosophical Magazine	96	32-34
450.	Srinivasan A., Bain M., Vatsa D., Agarwal S.	Identification of transition models of biological systems in the presence of transition noise	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9575	
451.	Kaalia R., Srinivasan A., Kumar A., Ghosh I.	ILP-assisted de novo drug design	2016	Machine Learning	103	3
452.	Agrawal U., Kumari N., Mishra A.K., Vasudeva P., Kumar A., Mohanty N.K., Saxena S.	Immune signature of urothelial cancer associated with grade, recurrence, and invasion	2016	Urologic Oncology: Seminars and Original Investigations	34	9
453.	Ramarao P., Muthukumaran K., Dash S., Murthy N.L.B.	Impact of bug reporter's reputation on bug-fix times	2016	Proceedings - 2016 International Conference on Information Systems Engineering, ICISE 2016		
454.	Vishwakarma S.K., Xu R.	Impact of quadratically varying rigidity and linearly varying density on the Rayleigh wave propagation: An analytic solution	2016	International Journal of Solids and Structures	97_98	
455.	Chakraborty S., Chakraborty S., Nandi S., Karmakar S.	Impact of redundant sensor deployment over data gathering performance: A model based approach	2016	Journal of Network and Computer Applications	67	
456.	Kamboj S., Yadav M., Rahman Z., Goyal P.	Impact of social CRM capabilities on firm performance: Examining the mediating role of co-created customer experience	2016	International Journal of Information Systems in the Service Sector	8	4

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457.	Dhongdi S.C., Anupama K.R., Sant R.H., Lucy, Gudino J.	Implementation of multi-hop bidirectional communication link with time-synchronization on miniature test-bed of underwater acoustic sensor network	2016	Journal of Engineering Science and Technology Review	9	3
458.	Bandyopadhyay S., Banerjee K.	Implementing an efficient path based equivalence checker for parallel programs	2016	SEM4HPC 2016 - Proceedings of the ACM Workshop on Software Engineering Methods for Parallel and High Performance Applications, Co-located with HPDC 2016		
459.	Agarwal P., Mittal R.K., Gill G.	Improved design procedures for ground improvement using pre-fabricated vertical drains	2016	Indian Journal of Science and Technology	9	46
460.	Singh R., Gupta R.	Improvement of classification accuracy using image fusion techniques	2016	Proceedings - 2016 International Conference on Computational Intelligence and Applications, ICCIA 2016		
461.	Omar A.	Improving Data Extraction Efficiency of Cache Nodes in Cognitive Radio Networks Using Big Data Analysis	2016	Proceedings - NGMAST 2015: The 9th International Conference on Next Generation Mobile Applications, Services and Technologies		
462.	Sharma A., Sahay S.K., Kumar A.	Improving the detection accuracy of unknown malware by partitioning the executables in groups	2016	Advances in Intelligent Systems and Computing	452	
463.	Pinky Pawaskar R., Goel M.	Improving the efficacy of destination marketing strategies: A structural equation model for leisure travel	2016	Indian Journal of Science and Technology	9	15
464.	Roh H.-J., Sharma S., Sahu P.K.	Imputation of missing classified traffic data during winter season	2016	Proceedings, Annual Conference - Canadian Society for Civil Engineering	4	
465.	John A., Umashankar V., Samdani A., Sangeetha M., Krishnakumar S., Deepa P.R.	In silico structure prediction of human fatty acid synthase-dehydratase: A plausible model for understanding active site interactions	2016	Bioinformatics and Biology Insights	10	
466.	Venkatesan A., Ramesha C.K., Kannan E.S.	In situ reduced graphene oxide interlayer for improving electrode performance in ZnO nanorods	2016	Journal of Physics D: Applied Physics	49	24
467.	Alok A., Shukla V., Pala Z., Kumar J., Kudale S., Desai N.	In vitro regeneration and optimization of factors affecting Agrobacterium mediated transformation in Artemisia	2016	Physiology and Molecular Biology of Plants	22	2

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		Pallens, an important medicinal plant				
468.	Agarkar S., Desai R., Jambulingam M., Sumeer S.H., Raman R.	Incidence, management, and visual outcomes in pediatric endophthalmitis following cataract surgery by a single surgeon	2016	Journal of AAPOS	20	5
469.	Singh S.P., Chaturvedi N.	Influence of AlGaN and InGaN back barriers on the performance of AlGaN/GaN HEMT	2016	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	33	1
470.	KOTKUNDE N., SRINIVASAN S., KRISHNA G., GUPTA A.K., SINGH S.K.	Influence of material models on theoretical forming limit diagram prediction for Ti–6Al–4V alloy under warm condition	2016	Transactions of Nonferrous Metals Society of China (English Edition)	26	3
471.	Brunner K., Maric S., Reshma R.S., Almqvist H., Seashore-Ludlow B., Gustavsson A.-L., Poyraz O., Yogeeswari P., Lundbäck T., Vallin M., Sriram D., Schnell R., Schneider G.	Inhibitors of the cysteine synthase CysM with antibacterial potency against dormant mycobacterium tuberculosis	2016	Journal of Medicinal Chemistry	59	14
472.	Jasti P.C., Ram V.V.	Integrated and Sustainable Service Level Benchmarking of Urban Bus System	2016	Transportation Research Procedia	17	
473.	Guptha R., Puppala H., Kanuganti S.	Integrating fuzzy AHP and GIS to prioritize sites for the solar plant installation	2016	2015 12th International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2015		
474.	Graf S., Lachance P., Mishra B.	Integrating motivational techniques into learning management systems	2016	Lecture Notes in Educational Technology		9.79 E+12
475.	Bhosale S.H., Singh V.V., Rangasai M.C., Bandyopadhyay-Ghosh S., Ghosh S.B.	Integration of biobased functionalized feedstock and plastisol in epoxy resin matrix toward developing structural jute biocomposites with enhanced impact strength and moisture resistance properties	2016	Polymer Composites	37	2
476.	Varma Y.T., Pant D.D.	Interaction of 6-methoxyquinoline with anionic sodium dodecylsulfate micelles: Photophysics and rotational relaxation dynamics at different pH	2016	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	158	
477.	Poonia M., Agarwal H., Manjuladevi V., Gupta R.K.	Interaction of bovine serum albumin protein with self assembled monolayer of mercaptoundecanoic acid	2016	AIP Conference Proceedings	1728	
478.	Sinha S., Tikariha D., Lakra J., Yadav T., Kumari S., Saha S.K., Ghosh K.K.	Interaction of bovine serum albumin with cationic monomeric and dimeric surfactants: A comparative study	2016	Journal of Molecular Liquids	218	

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479.	Balaji S., Ganguly A.	Interaction of recombinant human regulatory factor X, 6 DNA binding region with insulin promoter in vitro	2016	Carbon - Science and Technology	8	4
480.	Venkat P., Holkundkar A.R.	Interaction of xenon clusters with intense sub-cycle laser pulses	2016	Physics of Plasmas	23	12
481.	Sarkar S.	Internet of Things-robustness and reliability	2016	Internet of Things: Principles and Paradigms		
482.	Prasad D.N., Ghonge S., Banerjee S.	Investigation of localization of DNA molecules using triangular metal electrodes with varying separation	2016	AIP Conference Proceedings	1724	
483.	Rana M., Singla N., Chatterjee A., Shukla A., Chowdhury P.	Investigation of nonlinear optical (NLO) properties by charge transfer contributions of amine functionalized tetraphenylethylene	2016	Optical Materials	62	
484.	Beesetti H., Khanna N., Swaminathan S.	Investigational drugs in early development for treating dengue infection	2016	Expert Opinion on Investigational Drugs	25	9
485.	Kotesa R.S., Rathore J.S., Sharma N.N.	Investigations on a tapered flagellated nanoswimmer propelling through a helical wave	2016	8th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment and Management, HNICEM 2015		
486.	Kandpal K., Gupta N.	Investigations on high-κ dielectrics for low threshold voltage and low leakage zinc oxide thin-film transistor, using material selection methodologies	2016	Journal of Materials Science: Materials in Electronics	27	6
487.	Jose M., Aswathi P.T., Sriram K., Parakh P., Prakash H., Shukla S.	Ion-exchange bonded H2Ti3O7 nanosheets-based magnetic nanocomposite for dye removal via adsorption and its regeneration via synergistic activation of persulfate	2016	RSC Advances	6	83
488.	Ramprasad J., Nayak N., Dalimba U., Yogeeswari P., Sriram D.	Ionic liquid-promoted one-pot synthesis of thiazole-imidazo[2,1-b][1,3,4]thiadiazole hybrids and their antitubercular activity	2016	MedChemComm	7	2
489.	Kumar V., Asati A., Gupta A.	Iris localization based on integro-differential operator for unconstrained infrared iris images	2016	Proceedings of 2015 International Conference on Signal Processing, Computing and Control, ISPCC 2015		
490.	Keshari A.K., Kumar G., Kushwaha P.S., Bhardwaj M., Kumar P., Rawat A., Kumar D., Prakash A., Ghosh B., Saha S.	Isolated flavonoids from Ficus racemosa stem bark possess antidiabetic, hypolipidemic and protective effects in albino Wistar rats	2016	Journal of Ethnopharmacology	181	

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491.	Sahoo P.K., Mishra B., Tripathy S.K.	Kaluza–Klein cosmological model in f(R, T) gravity with Λ(T)	2016	Indian Journal of Physics	90	4
492.	Sharma R., Sheth P.N., Gujrathi A.M.	Kinetic modeling and simulation: Pyrolysis of Jatropha residue de-oiled cake	2016	Renewable Energy	86	
493.	Roul R.K., Sahay S.K.	K-means and wordnet based feature selection combined with extreme learning machines for text classification	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9581	
494.	Agarwal A., Pareddy S., Manohar S.	KnowHow: Contextual audio-assistance for the visually impaired in performing everyday tasks	2016	SUI 2016 - Proceedings of the 2016 Symposium on Spatial User Interaction		
495.	Pareddy S., Agarwal A., Swaminathan M.	Knowwhat: Mid field sensemaking for the visually impaired	2016	SUI 2016 - Proceedings of the 2016 Symposium on Spatial User Interaction		
496.	Singh A.N., Deepthi G.V., Singhal A.	Land use/ land cover information from various classification methods of Shekhawati region of Rajasthan	2016	International Conference on Electrical, Electronics, and Optimization Techniques, ICEEOT 2016		
497.	Karthik C., Manjuladevi V., Gupta R.K.	Langmuir monolayer assisted formation of cadmium sulfide nanoparticles at the air-water interface and their role in the alignment of bulk liquid crystals	2016	RSC Advances	6	52
498.	Saifullah M.S.M., Ganesan R., Lim S.H., Hussain H., Low H.Y.	Large area sub-100 nm direct nanoimprinting of palladium nanostructures	2016	RSC Advances	6	26
499.	Varyani N., Nikhil S., Shekhawat V.S.	Latency and routing efficiency based metric for performance comparison of DHT overlay networks	2016	Proceedings - IEEE 30th International Conference on Advanced Information Networking and Applications Workshops, WAINA 2016		
500.	Jasti N.V.K., Kodali R.	Lean manufacturing frameworks: Review and a proposed framework	2016	European Journal of Industrial Engineering	10	5
501.	Vatsa D., Agarwal S., Srinivasan A.	Learning transition models of biological regulatory and signaling networks from noisy data	2016	Proceedings of the 3rd ACM IKDD Conference on Data Sciences, CODS 2016		
502.	Sangwan K.S., Herrmann C., Egede P., Bhakar V., Singer J.	Life Cycle Assessment of Arc Welding and Gas Welding Processes	2016	Procedia CIRP	48	

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503.	Bhakar V., Kumar D.N.S.H., Sai N.K., Sangwan K.S., Raghuvanshi S.	Life Cycle Assessment of Filtration Systems of Reverse Osmosis Units: A Case Study of a University Campus	2016	Procedia CIRP	40	
504.	Arun V., Reddy P.O.V., Pilania M., Kumar D.	Ligand- and Base-Free Access to Diverse Biaryls by the Reductive Coupling of Diaryliodonium Salts	2016	European Journal of Organic Chemistry	2016	12
505.	Sharma V., Rajput S., Sharma P.K.	Light fidelity (Li-Fi): An effective solution for data transmission	2016	AIP Conference Proceedings	1715	
506.	Reis S.A., Ghosh B., Hendricks J.A., Szantai-Kis D.M., Törk L., Ross K.N., Lamb J., Read-Button W., Zheng B., Wang H., Salthouse C., Haggarty S.J., Mazitschek R.	Light-controlled modulation of gene expression by chemical optoepigenetic probes	2016	Nature Chemical Biology	12	5
507.	Sharan L., Agrawal V.M., Chaubey V.K.	Link optimization and performance analysis of a 40 Gbps DQPSK modulated ultra DWDM system with 32 orthogonally polarized channels	2016	Journal of Microwaves, Optoelectronics and Electromagnetic Applications	15	4
508.	Jose A., Mandapalli P.K., Venuganti V.V.K.	Liposomal hydrogel formulation for transdermal delivery of pirfenidone	2016	Journal of Liposome Research	26	2
509.	Singh M.J., Agarwal P., Padmanabh K.	Load forecasting at distribution transformer using IoT based smart meter data from 6000 Irish homes	2016	Proceedings of the 2016 2nd International Conference on Contemporary Computing and Informatics, IC3I 2016		
510.	Gomathy Narayanan I., Saravanan R., Bharathselvi M., Biswas J., Sulochana K.N.	Localization of Human Copper Transporter 1 in the Eye and its Role in Eales Disease	2016	Ocular Immunology and Inflammation	24	6
511.	Bhatnagar P., Kumar N., Bhatnagar P.S., Agarwal N.K.	Logic depth aware context independent timing model generation	2016	AIP Conference Proceedings	1715	
512.	Talati N., Gupta S., Mane P., Kvatinsky S.	Logic design within memristive memories using memristor-aided loGIC (MAGIC)	2016	IEEE Transactions on Nanotechnology	15	4
513.	Venkatesan A., Rathi S., Lee I.-Y., Park J., Lim D., Kim G.-H., Kannan E.S.	Low temperature hydrogen sensing using reduced graphene oxide and tin oxide nanoflowers based hybrid structure	2016	Semiconductor Science and Technology	31	12
514.	Patel R.N., Mathew J.P., Borah A., Deshmukh M.M.	Low tension graphene drums for electromechanical pressure sensing	2016	2D Materials	3	1
515.	Deshmukh K.R., Ramanan S.R., Kowshik M.	Low-temperature-processed biocompatible Ag-HAp nanoparticles with anti-biofilm efficacy for tissue engineering	2016	Journal of Sol-Gel Science and Technology	80	3

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		applications				
516.	Sahoo P.	LRS Bianchi type-I string cosmological model in f(R,T) gravity	2016	Fortschritte der Physik	64	4-May
517.	Katekhaye S.D., Paul A., Laddha K.S.	Lupane Analogue from Bark of Pithecellobium dulce and in vitro α-Glucosidase and α-Amylase Enzyme Inhibition Assay of Extract for Potential Antidiabetic Activity	2016	Chemistry of Natural Compounds	52	2
518.	Meenakshi V., Naugle D.G., Zhao H., Dunbar K.R., Teizer W.	Magnetic effects in films of Mn12-acetate	2016	Journal of the Physical Society of Japan	85	11
519.	Seshagiri Rao N.V.S.S., Satya Narayana Murthy V., Ramakrishna Sharma Y.J.V.S.	Magnetic force microscopy and simulation studies on Co50Fe50 elliptical nanomagnets	2016	Bulletin of Materials Science	39	3
520.	Dhaka K., Bandyopadhyay D.	Magnetism, structures and stabilities of cluster assembled TM@Si nanotubes (TM = Cr, Mn and Fe): A density functional study	2016	Dalton Transactions	45	31
521.	Kumar K., Jarzabek S., Dan D.	Managing big clones to ease evolution: Linux kernel example	2016	Proceedings of the 2016 Federated Conference on Computer Science and Information Systems, FedCSIS 2016		
522.	Kotha K.K., Marisetty V.B.	Market quality, market reforms and investor familiarity: Evidence from the Indian stock market	2016	Law and Financial Markets Review	10	3
523.	Mamidala M.P., Rajesh N., Rajesh V.	Mass spectrometric evaluation of neurotransmitter levels in IMR 32 cell line in response to Ayurvedic medicines	2016	Rapid Communications in Mass Spectrometry	30	12
524.	Sundaram G.M., Angira M., Gupta N., Rangra K.	Material selection for CMOS compatible high Q and high frequency MEMS disk resonator using Ashby approach	2016	International Journal of Nanoelectronics and Materials	9	2
525.	Pruthi D., Jain A., Jatavallabhula K.M., Nalwaya R., Teja P.	Maxxyt: An Autonomous Wearable Device for Real-Time Tracking of a Wide Range of Exercises	2016	Proceedings - UKSim-AMSS 17th International Conference on Computer Modelling and Simulation, UKSim 2015		
526.	Gupta P., Gayen M., Smith J.T., Gaidamakova E.K., Matrosova V.Y., Grichenko O., Knollmann-Ritschel B., Daly M.J., Kiang J.G., Maheshwari R.K.	MDP: A Deinococcus Mn2+-decapeptide complex protects mice from ionizing radiation	2016	PLoS ONE	11	8
527.	Tiwari K., Gupta P.	Meandering energy potential to locate singular point of fingerprint	2016	2016 International Conference on		

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				Biometrics, ICB 2016		
528.	Devanarayanan V.P., Manjuladevi V., Poonia M., Gupta R.K., Gupta S.K., Akhtar J.	Measurement of optical anisotropy in ultrathin films using surface plasmon resonance	2016	Journal of Molecular Structure	1103	
529.	Singh V.K., Chawla H., Bohara V.A.	Measurement results for direct and single hop device-to-device communication protocol	2016	2016 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2016		
530.	Debiasi M., Chan W.L., Jadhav S.	Measurements of a symmetric wing morphed by macro fiber composite actuators	2016	54th AIAA Aerospace Sciences Meeting		
531.	Singh S.B., Ranjitha B., Chawla H.	Mechanical and thermal material characteristics of functionally graded materials	2016	Insights and Innovations in Structural Engineering, Mechanics and Computation - Proceedings of the 6th International Conference on Structural Engineering, Mechanics and Computation, SEMC 2016		
532.	Desu R.K., Nitin Krishnamurthy H., Balu A., Gupta A.K., Singh S.K.	Mechanical properties of Austenitic Stainless Steel 304L and 316L at elevated temperatures	2016	Journal of Materials Research and Technology	5	1
533.	Naik K., Chandran V.G., Rajashekaran R., Waigaonkar S., Kowshik M.	Mechanical properties, biological behaviour and drug release capability of nano TiO2-HAp-Alginate composite scaffolds for potential application as bone implant material	2016	Journal of Biomaterials Applications	31	3
534.	Arkatkar S., Velmurugan S., Puvvala R., Ponnu B., Narula S.	Methodology for simulating heterogeneous traffic on expressways in developing countries: A case study in India	2016	Transportation Letters	8	2
535.	Pereira J., Singh T., Arumugam S.	M-gracefulness of graphs	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9602	
536.	Gayatri M.T.L., Parimi A.M., Kumar A.V.P.	Microgrid reactive power compensation using UPQC with common DC link energy restored by PV array	2016	1st International Conference on Emerging Trends in Engineering, Technology and Science, ICETETS 2016 - Proceedings		
537.	Mir N.A., Choudhary S.,	Microwave assisted aminocatalyzed [3 + 2] annulation	2016	RSC Advances	6	46

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	Ramaraju P., Singh D., Kumar I.	between α-iminonitriles and succinaldehyde: Synthesis of pyrrole-3-methanols and related polycyclic ring systems				
538.	Mehra M.K., Tantak M.P., Kumar I, Kumar D.	Microwave-Assisted Metal- and Ligand-Free O-Arylation of Quinolones Using Diaryliodonium Salts: An Easy and Rapid Synthesis of Aryloxyquinolines	2016	Synlett	27	4
539.	Sharma P., Banerjee R., Narayan K.P.	Mineralocorticoid receptor mediated liposomal delivery system for targeted induction of apoptosis in cancer cells	2016	Biochimica et Biophysica Acta - Biomembranes	1858	2
540.	Venkataraman D., Marathe A., Bottaro A., Govindarajan R.	Minimal modeling for passive flow control via a poro-elastic coating	2016	Notes on Numerical Fluid Mechanics and Multidisciplinary Design	133	
541.	Singh R.P., Jha P.N.	Mitigation of salt stress in wheat plant (Triticum aestivum) by ACC deaminase bacterium Enterobacter sp. SBP-6 isolated from Sorghum bicolor	2016	Acta Physiologiae Plantarum	38	5
542.	Gayatri M.T.L., Parimi A.M.	Mitigation of supply & load side disturbances in an AC Microgrid using UPQC	2016	2016 IEEE 6th International Conference on Power Systems, ICPS 2016		
543.	Satpathi D.K., Ratnam K.V., Ramu A.	Model for mucus transport in the airways due to air motion - Effect of slipperiness	2016	International Journal of Biomathematics	9	5
544.	Sharma P., Gupta N.	Model for threshold voltage instability in top-gated nanocrystalline silicon thin film transistor	2016	Journal of Computational Electronics	15	2
545.	Gupta S., Kota S., Mishra R.P.	Modeling and evaluation of product quality at conceptual design stage	2016	International Journal of Systems Assurance Engineering and Management	7	
546.	Bhargava R., Khandelwal S., Bhatia A., Sharma Y.	Modeling classifier for code mixed cross script questions	2016	CEUR Workshop Proceedings	1737	
547.	Sharma S., Routroy S.	Modeling information risk in supply chain using Bayesian networks	2016	Journal of Enterprise Information Management	29	2
548.	Pulipaka S., Mani F., Kumar R.	Modeling of soiled PV module with neural networks and regression using particle size composition	2016	Solar Energy	123	
549.	Singhvi R., Nagpal R., Krishnamurthy B.	Modeling the effect of acid attack on the capacity fading in lithium ion batteries	2016	Journal of the Electrochemical Society	163	7
550.	Lata K., Dubey B., Misra A.K.	MODELING THE EFFECTS OF WOOD AND NON-WOOD BASED INDUSTRIES ON FORESTRY RESOURCES	2016	Natural Resource Modeling	29	4
551.	Dubey B., Dubey P., Dubey U.S.	Modeling the intracellular pathogen-immune interaction with	2016	Communications in Nonlinear Science	38	

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552.	Saikat C., Sharath M., Srujana M., Narayan K., Kumar P.P.	Modelling and analysis of microfluidic micromixer for Lab-on-a-Chip(LoC) application	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015		
553.	Bansal H.O., Sen T., Agrawal H.P.	Modelling and simulation of hydropower plant using pso-Tuned controller	2016	International Journal of Power and Energy Systems	36	2
554.	Saikat C., Sharath M., Srujana M., Narayan K., Pattnaik P.K.	Modelling and simulation of passive Lab-on-a-Chip (LoC) based micromixer for clinical application	2016	AIP Conference Proceedings	1715	
555.	Anwar K., Deshmukh S., Kumbhare R., Shekhar M.	Modelling of solar energy potential using an artificial neural network in Andhra Pradesh and Telangana, India	2016	International Journal of Energy, Environment and Economics	24	1
556.	Mishra S., Palu I., Madichetty S., Suresh Kumar L.V.	Modelling of wind energy-based microgrid system implementing MMC	2016	International Journal of Energy Research	40	7
557.	Roy A., Li S.-D.	Modifying the tumor microenvironment using nanoparticle therapeutics	2016	Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology	8	6
558.	Singh A., Singh N.	Molecular crowding effects on stability of DNA double helix	2016	AIP Conference Proceedings	1728	
559.	Gupta K., Dhawan R., Kajla M., Kumar S., Jnanasiddhy B., Singh N.K., Dixit R., Bihani A., Gupta L.	Molecular identification of aedes aegypti mosquitoes from Pilani region of Rajasthan, India	2016	Journal of Vector Borne Diseases	53	2
560.	Jindal A., Mahesh R., Bhatt S., Pandey D.	Molecular modifications by regulating cAMP signaling and oxidant-antioxidant defence mechanisms, produce antidepressant-like effect: A possible mechanism of etazolate aftermaths of impact accelerated traumatic brain injury in rat model	2016	Neurochemistry International		
561.	Pai P.P., Mondal S.	MOWGLI: prediction of protein–MannOse interacting residues With ensemble classifiers usinG evoLutionary Information	2016	Journal of Biomolecular Structure and Dynamics	34	10
562.	Sudhakar A.V.V., Chandram K., Laxmi A.J.	Multi area economic dispatch with tie line loss using λ-concept and Tie line matrix	2016	2015 IEEE Recent Advances in Intelligent Computational Systems, RAICS 2015		
563.	Mishra A., Girdhar N., Krishnia N.	Multi-board kernel communication using socket programming for	2016	AIP Conference Proceedings	1715	

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		embedded applications				
564.	Nagesh H.N., Suresh A., Reddy M.N., Suresh N., Subbalakshmi J., Chandra Sekhar K.V.G.	Multicomponent cascade reaction: Dual role of copper in the synthesis of 1,2,3-triazole tethered benzimidazo[1,2-a]quinoline and their photophysical studies	2016	RSC Advances	6	19
565.	Shukla S., Radhakrishnan T., Muthukumaran K., Neti L.B.M.	Multi-objective cross-version defect prediction	2016	Soft Computing		
566.	Panday A., Bansal H.O.	Multi-Objective optimization in battery selection for hybrid electric vehicle applications	2016	Journal of Electrical Systems	12	2
567.	Sharma N., Badheka D., Anpalagan A.	Multiobjective Subchannel and Power Allocation in Interference-Limited Two-Tier OFDMA Femtocell Networks	2016	IEEE Systems Journal	10	2
568.	Bhargava R., Tadikonda B.V., Sharma Y.	Named entity recognition for code mixing in Indian languages using hybrid approach	2016	CEUR Workshop Proceedings	1737	
569.	Chitkara D., Singh S., Mittal A.	Nanocarrier-based co-delivery of small molecules and siRNA/miRNA for treatment of cancer	2016	Therapeutic Delivery	7	4
570.	Kumari P., Ghosh B., Biswas S.	Nanocarriers for cancer-targeted drug delivery	2016	Journal of Drug Targeting	24	3
571.	Jindal A.B.	Nanocarriers for spleen targeting: anatomo-physiological considerations, formulation strategies and therapeutic potential	2016	Drug Delivery and Translational Research	6	5
572.	Joshi M., Swastic, Vemula J.K., Priyadarshi K., Deshpande A., Ramanan S.R., Krishnan J.N.	Nanocharacterization studies on Surface modified Nanoporous Gold Films for Sensor applications	2016	Advanced Materials - TechConnect Briefs 2016	1	
573.	Mishra S., Kunchi C., Venkateshan K., Gundakaram R.C., Adusumalli R.B.	Nanoindentaion and tensile testing of human hair fibres	2016	Journal of Materials Science	51	22
574.	Parameshwaran R., Kalaiselvam S.	Nanomaterial-based PCM composites for thermal energy storage in buildings	2016	Nano and Biotech Based Materials for Energy Building Efficiency		
575.	Devisree S., Kumar A., Raj R.	Nanoscale FPGA with reconfigurability	2016	Proceedings of the 18th Mediterranean Electrotechnical Conference: Intelligent and Efficient Technologies and Services for the Citizen, MELECON 2016		
576.	Thomas T., Gupta K.K.	NB-PLC channel modelling with cyclostationary noise addition & OFDM implementation for smart grid	2016	AIP Conference Proceedings	1715	

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578.	Ramagiri S., Taliyan R.	Neuroprotective effect of hydroxy safflor yellow A against cerebral ischemia-reperfusion injury in rats: Putative role of mPTP	2016	Journal of Basic and Clinical Physiology and Pharmacology	27	1
579.	Konar S., Bagchi M., Bandyopadhyay D., Banik S., Bhattacharya D., Bhattacharyya S., Gangadhara R.T., Gopakumar A., Gupta Y., Joshi B.C., Maan Y., Maitra C., Mukherjee D., Pai A., Paul B., Ray A.K., Sutaria F.K.	Neutron Star Physics in the Square Kilometre Array Era: An Indian Perspective	2016	Journal of Astrophysics and Astronomy	37	4
580.	Saggu G.S., Pala Z.R., Garg S., Saxena V.	New insight into isoprenoids biosynthesis process and future prospects for drug designing in plasmodiu	2016	Frontiers in Microbiology	7	SEP
581.	Laddha S.S., Laddha A.R., Jawandhiya P.M.	New paradigm to keyword search: A survey	2016	Proceedings of the 2015 International Conference on Green Computing and Internet of Things, ICGCIoT 2015		
582.	Dalavi S.B., Panda R.N.	New synthetic methodology and magnetic properties of fcc Co-Ni nanostructured alloys embedded in KIT-6 matrix	2016	Journal of Materials Research	31	16
583.	Narang P., Hota C., Sencar H.T.	Noise-resistant mechanisms for the detection of stealthy peer-to-peer botnets	2016	Computer Communications	96	
584.	Mishra B., Sahoo P.K., Aman A.	Non-existence of Bianchi type IV space-time in modified gravity	2016	International Journal of Pure and Applied Mathematics	108	1
585.	Saha S., Basu A., Das D., Ganguly S., Banerjee D., Kargupta K.	Novel graphene supported Co rich connected core(Pt)-shell(Co) nano-alloy catalyst for improved hydrogen generation and electro-oxidation	2016	International Journal of Hydrogen Energy	41	41
586.	Das S., Gokhroo S.	Novel hexagonal pizza shaped CPW microstrip patch antenna for applications in X band	2016	International Conference Communication, Control and Intelligent Systems, CCIS 2015		
587.	Mishra P.P., Raja M.M., Panda R.N.	Novel Synthesis and Nanostructure Controlled Magnetic Characteristics of ε-Fe3N and γ′-NixFe4−xN (0.2 ≤ x ≤ 0.8) Nitrides	2016	Journal of Superconductivity and Novel Magnetism	29	5
588.	Paramkusham S., Rao K.M.M., Rao	Novel technique for the detection of abnormalities in Mammograms	2016	2015 International Conference on		

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	B.V.V.S.N.P.	using texture and geometric features		Microwave, Optical and Communication Engineering, ICMOCE 2015		
589.	Eroglu B., Ozadali-Sari K., Unsal-Tan O., Dharmarajan S., Yogeeswari P., Balkan A.	Novel thiazolidinone-azole hybrids: Design, synthesis and antimycobacterial activity studies	2016	Iranian Journal of Pharmaceutical Research	15	4
590.	Chanda C., Sarkar A., Chakrabarty D.	Novel thrombolytic protein from cobra venom with anti-adhesive properties	2016	Archives of Biochemistry and Biophysics	590	
591.	Jain M., Shekhar C., Shukla S.	N-policy for a repairable redundant machining system with controlled rates	2016	RAIRO - Operations Research	50	4-May
592.	Saxena A., George J.D.	Numerical study on displacement of dielectric film composed of array of differently shaped elements for capacitance based MEMS sensors	2016	International Conference on Microelectronics, Computing and Communication, MicroCom 2016		
593.	Barve K.H., Kulkarni Y.A., Gaikwad A.B.	Nutraceuticals as therapeutic agents for inflammation	2016	Fruits, Vegetables, and Herbs: Bioactive Foods in Health Promotion		
594.	Jarzabek S., Kumar K.	On interplay between separation of concerns and genericity principles: Beyond code weaving	2016	Computer Science and Information Systems	13	3
595.	Bhasin H., Mehta S.	On the applicability of diploid genetic algorithms	2016	AI and Society	31	2
596.	Andrikakou P., Vickraman K., Arora H.	On the behaviour of lung tissue under tension and compression	2016	Scientific Reports	6	
597.	Shaikh I., Padhi P.	On the relationship between implied volatility index and equity index returns	2016	Journal of Economic Studies	43	1
598.	Prasanna Kumar N.	On Turan's inequality for complex polynomials	2016	Note di Matematica	36	1
599.	Vaddula B.R., Tantak M.P., Sadana R., Gonzalez M.A., Kumar D.	One-pot synthesis and in-vitro anticancer evaluation of 5-(2′-indolyl)thiazoles	2016	Scientific Reports	6	
600.	Pani A.K., Mohanta H.K.	Online monitoring of cement clinker quality using multivariate statistics and Takagi-Sugeno fuzzy-inference technique	2016	Control Engineering Practice	57	
601.	Singh A., Modi T., Singh N.	Opening of DNA chain due to force applied on different locations	2016	Physical Review E	94	3
602.	Neeharika V., Pattnaik P.K.	Optical MEMS Pressure Sensors Incorporating Dual Waveguide Bragg Gratings on Diaphragms	2016	IEEE Sensors Journal	16	3
603.	Cariappa K.S., Kumar A.	Optical properties of graphene simulated in MATLAB using scattering matrices	2016	AIP Conference Proceedings	1724	
604.	Singh S., Joshi R.P., Kohli H.	Optimal Route Searching in Networks with Dynamic Weights Using Flow Algorithms	2016	Proceedings - 2015 International Conference on		

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605.	Venkataramanabu S., Shah M., Vasudevan H., Ramaswamy K.	Optimization Strategy Aided by an Interplay Between Plasmonic Material and Nanoarray Geometry for Light Trapping Application in Thin-Film Photovoltaics	2016	Plasmonics	11	6
606.	Pradipta C., Arun K.R.	Optimum Dodecanol-detergent foam performance for formulation of eco-friendly surfactants	2016	Research Journal of Chemistry and Environment	20	3
607.	Mondal T.	Origin of distinct structural symmetry of the neopentane cation in the ground electronic state compared to the methane cation	2016	Physical Chemistry Chemical Physics	18	15
608.	Zubair Khalid M.B., Pallikonda G., Prasad Tulichala R.N., Chakravarty M.	Oxy-Wittig reactions of 1-naphthyl(aryl)methylphosphonates: a new approach to naphthylarylketones	2016	Tetrahedron	72	17
609.	Sehrawat M., Giri A.K.	Panel data analysis of financial development, economic growth and rural-urban income inequality Evidence from SAARC countries	2016	International Journal of Social Economics	43	10
610.	Bhatia S., Badarla M.P.K.	Parallelization of Error Weighted Hashing for Approximate k-Nearest Neighbour Search on GPU-CPU Hybrid	2016	Proceedings - 2nd IEEE International Conference on Big Data Security on Cloud, IEEE BigDataSecurity 2016, 2nd IEEE International Conference on High Performance and Smart Computing, IEEE HPSC 2016 and IEEE International Conference on Intelligent Data and Security, IEEE IDS 2016		
611.	Jakhar S., Soni M.S., Gakkhar N.	Parametric modeling and simulation of photovoltaic panels with earth water heat exchanger cooling	2016	Geothermal Energy	4	1
612.	Jakhar S., Misra R., Soni M.S., Gakkhar N.	Parametric simulation and experimental analysis of earth air heat exchanger with solar air heating duct	2016	Engineering Science and Technology, an International Journal	19	2
613.	Kurra S., Nasih H.R., Regalla S., Gupta A.K.	Parametric study and multi-objective optimization in single-point incremental forming of extra deep drawing steel sheets	2016	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	230	5

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614.	Vutla S.R., Regalla S.P., Ramaswamy K., Pattnaik P.K., Bala S.M.	Parametric study of the effect of particles and contaminants on the static response of a mems system	2016	ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)	10	
615.	Samudram A., Mangalassery B.M., Kowshik M., Patincharath N., Varier G.K.	Passive permeability and effective pore size of HeLa cell nuclear membranes	2016	Cell Biology International	40	9
616.	Jakhar S., Soni M.S., Gakkhar N.	Performance Analysis of Photovoltaic Panels with Earth Water Heat Exchanger Cooling	2016	MATEC Web of Conferences	55	
617.	Kumar A.V.P., Parimi A.M., Rao K.U.	Performance analysis of voltage regulated inverter for FLC based PV-wind hybrid power system with real time data	2016	1st International Conference on Emerging Trends in Engineering, Technology and Science, ICETETS 2016 - Proceedings		
618.	Maheshwari U., Gupta S.	Performance evaluation of activated neem bark for the removal of Zn(II) and Cu(II) along with other metal ions from aqueous solution and synthetic pulp & paper industry effluent using fixed-bed reactor	2016	Process Safety and Environmental Protection	102	
619.	Haripriya T., Parimi A.M., Rao U.M.	Performance evaluation of DC grid connected solar PV system for hybrid control of DC-DC boost converter	2016	Proceedings of the 10th International Conference on Intelligent Systems and Control, ISCO 2016		
620.	Mohammadi M., Ronge R., Singapuram S.S., Nandy S.K.	Performance evaluation of feed-forward backpropagation neural network for classification on a reconfigurable hardware architecture	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9625	
621.	Priya T.H., Parimi A.M., Rao U.M.	Performance evaluation of high voltage gain boost converters for DC grid integration	2016	Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2016		
622.	Tyagi D.K., Chaubey V.K.	Performance evaluation of path length based routing strategies for survivable WDM Network	2016	ACM International Conference Proceeding Series	04-05-March-2016	
623.	Dubey D., Ramnath K., Gupta A.	Performance improvement of operational amplifier in subthreshold region using forward body bias	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON		

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624.	Dhar A., Udumula M.P., Medapi B., Bhat A., Dhar I., Malapati P., Babu M.S., Kalra J., Sriram D., Desai K.M.	Pharmacological evaluation of novel alagebrium analogs as methylglyoxal scavengers in vitro in cardiac myocytes and in vivo in SD rats	2016	International Journal of Cardiology	223	
625.	Mishra T., Shashidhara R., Guha Sarkar T., Bandyopadhyay J.N.	Phase transition in an Aubry-André system with a rapidly oscillating magnetic field	2016	Physical Review A	94	5
626.	Banerjee S.	Phenazines as chemosensors of solution analytes and as sensitizers in organic photovoltaics	2016	Arkivoc	2016	1
627.	Neriyanuri S., Dhandayuthapani S., Arunachalam J., Raman R.	Phenotypic characterization of X-linked retinoschisis: Clinical, electroretinography, and optical coherence tomography variables	2016	Indian Journal of Ophthalmology	64	7
628.	Das M., Baig F., Sarkar M.	Photophysical properties of di-Schiff bases: Evaluating the synergistic effect of non-covalent interactions and alkyl spacers in enhanced emissions of solids	2016	RSC Advances	6	63
629.	Singh N.K., Sonani R.R., Awasthi A., Prasad B., Patel A.R., Kumar J., Madamwar D.	Phycocyanin moderates aging and proteotoxicity in caenorhabditis elegans	2016	Journal of Applied Phycology	28	4
630.	Yadav A., Choudhary P., Atri N., Teir S., Mutnuri S.	Pilot project at Hazira, India, for capture of carbon dioxide and its biofixation using microalgae	2016	Environmental Science and Pollution Research	23	22
631.	Kurhe Y., Mahesh R.	Pioglitazone, a PPARγ agonist rescues depression associated with obesity using chronic unpredictable mild stress model in experimental mice	2016	Neurobiology of Stress	3	
632.	Saumyaa, Pujanauski L., Colino J., Flora M., Torres R.M., Tuomanen E., Snapper C.M.	Pneumococcal surface protein a plays a major role in streptococcus pneumoniae-induced immunosuppression	2016	Journal of Immunology	196	9
633.	Sharma Y., Mittal E., Garg M.	Political opinion mining from twitter	2016	International Journal of Information Systems in the Service Sector	8	4
634.	Nakamura T., Jayanty S.	Poly(4-styrenesulfonate) templated polyaniline-carboxymethyl cellulose blend: Morphology and surface resistivity of the spin-coated films	2016	Soft Materials	14	4
635.	Mosa K.A., Saadoun I., Kumar K., Helmy M., Dhankher O.P.	Potential biotechnological strategies for the cleanup of heavy metals and metalloids	2016	Frontiers in Plant Science	7	Mar-16
636.	Mathur H.D.,	Power frequency balance in	2016	12th IEEE		

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637.	Bhateshvar Y.K., Mathur H.D.	Power frequency oscillation suppression using two-stage optimized fuzzy logic controller for multigeneration system	2016	Advances in Fuzzy Systems	2016	
638.	Pulipaka S., Kumar R.	Power prediction of soiled PV module with neural networks using hybrid data clustering and division techniques	2016	Solar Energy	133	
639.	Ganesh Kumar G., Sahoo S.K.	Power-delay product minimization in high-performance fixed-width multiplier	2016	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2016-January	
640.	Bhalothia P., Sangwan C., Alok A., Mehrotra S., Mehrotra R.	PP2C-like promoter and its deletion variants are induced by ABA but not by MeJA and SA in Arabidopsis thaliana	2016	Frontiers in Plant Science	7	May-16
641.	Ganesh S., Mishra M.	PQCD approach to charmonium regeneration in QGP at the LHC	2016	Nuclear Physics A	947	
642.	Kar A., Ray I., Unnikrishnan A., Halabe U.B.	Prediction models for compressive strength of concrete with Alkali-activated binders	2016	Computers and Concrete	17	4
643.	Gupta R., Singhal S.	Prediction of global solar radiation in india using artificial neural network	2016	Journal of Sustainable Development of Energy, Water and Environment Systems	4	2
644.	Gupta R., Goyal K., Yadav N.	Prediction of safe bearing capacity of noncohesive soil in arid zone using artificial neural networks	2016	International Journal of Geomechanics	16	2
645.	Sarkar S., Sureka A., Cotroneo D., Sinha N., Sinha V.S., Venkatasubramanyam R., Joshi P., Naik R.D., Singh P., Lalchandani J.	Preface	2016	ACM International Conference Proceeding Series	18-20-February-2016	
646.	Uttaravalli A.N., Dinda S., Kalidindi P., Venkateshan K.C.	Preparation and characterization of ketonic polymer for coating applications	2016	Progress in Organic Coatings	99	
647.	Joshi A., Pranathi P., Singhal R.	Probe feed effect in polygonal patch antennas	2016	Proceedings of the 2015 IEEE 4th Asia-Pacific Conference on Antennas and Propagation, APCAP 2015		

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648.	Bagchi P., Das A., Layek B., Srivastava A.M.	Probing dynamics of phase transitions occurring inside a pulsar	2016	Springer Proceedings in Physics	174	
649.	Kumar S., Nunes R.C.	Probing the interaction between dark matter and dark energy in the presence of massive neutrinos	2016	Physical Review D	94	12
650.	Sreedhar I., Kishan Y.K.	Process standardization and kinetics of ethanol driven biodiesel production by transesterification of ricebran oil	2016	International Journal of Industrial Chemistry	7	2
651.	Dinda S., Veeram N.S.R., Adusumalli R.B.	Production of bio-epoxide and bio-adhesive from non-edible oil	2016	Korean Journal of Chemical Engineering	33	10
652.	Islam S.K.H., Khan M.K.	Provably secure and pairing-free identity-based handover authentication protocol for wireless mobile networks	2016	International Journal of Communication Systems	29	17
653.	Islam S.K.H., Amin R., Biswas G.P., Obaidat M.S., Khan M.K.	Provably Secure Pairing-Free Identity-Based Partially Blind Signature Scheme and Its Application in Online E-cash System	2016	Arabian Journal for Science and Engineering	41	8
654.	Stankic S., Suman S., Haque F., Vidic J.	Pure and multi metal oxide nanoparticles: Synthesis, antibacterial and cytotoxic properties	2016	Journal of Nanobiotechnology	14	1
655.	Mundra S., Mahesh R.	Pyridine-based, microwave-assisted one-pot synthetic protocol for the synthesis of ethyl 3-substituted-4-oxo-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylates	2016	Research on Chemical Intermediates	42	5
656.	Kanuganti S., Sarkar A.K., Singh A.P.	Quantifying Accessibility to Health Care Using Two-step Floating Catchment Area Method (2SFCA): A Case Study in Rajasthan	2016	Transportation Research Procedia	17	
657.	Gella L., Raman R., Sharma T.	Quantitative spectral domain optical coherence tomography thickness parameters in type II diabetes	2016	Oman Journal of Ophthalmology	9	1
658.	Jain M., Shekhar C., Shukla S.	Queueing Analysis of Machine Repair Problem with Controlled Rates and Working Vacation Under F-Policy	2016	Proceedings of the National Academy of Sciences India Section A - Physical Sciences	86	1
659.	Aashish S., Haque A.	Radiation reaction as a non-conservative force	2016	European Journal of Physics	37	5
660.	Kumar J., Krishna K.V.	Rank properties of the semigroup reducts of affine near-semirings over Brandt semigroups	2016	Semigroup Forum	93	3
661.	Raju Srinivasa K., Kumar Nagesh D., Babu Naga I.	Ranking of global climate models for godavari and krishna river basins, India, using compromise programming	2016	Sustainable Water Resources Planning and Management Under Climate Change		
662.	Venkateswaran P.S., Sharma A., Dubey S., Agarwal	Rapid and Automated Measurement of Milk Adulteration Using a 3D Printed Optofluidic	2016	IEEE Sensors Journal	16	9

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663.	Dubey A., Kadumuri R.V., Jaipuria G., Vadrevu R, Atreya H.S.	Rapid NMR Assignments of Proteins by Using Optimized Combinatorial Selective Unlabeling	2016	ChemBioChem	17	4
664.	Jain P., Wadhwa P.K., Rohilla S., Jadhav H.R.	Rational design, synthesis and in vitro evaluation of allylidene hydrazinecarboximidamide derivatives as BACE-1 inhibitors	2016	Bioorganic and Medicinal Chemistry Letters	26	1
665.	Chander S., Ashok P., Singh R.P., Jha P.N., Zheng Y.-T., Wang P., Murugesan S.	Rational design, synthesis, anti-HIV-1 RT and anti-microbial activity of novel 2-(6,7-dimethoxy-3,4-dihydroisoquinolin-2(1H)-yl)-N-phenylpropanamide derivatives	2016	Anti-Infective Agents	14	1
666.	Chander S., Wang P., Ashok P., Yang L.-M., Zheng Y.-T., Murugesan S.	Rational design, synthesis, anti-HIV-1 RT and antimicrobial activity of novel 3-(6-methoxy-3,4-dihydroquinolin-1(2H)-yl)-1-(piperazin-1-yl)propan-1-one derivatives	2016	Bioorganic Chemistry	67	
667.	Vishwakarma S.K., Xu R.	Rayleigh wave dispersion in an irregular sandy Earth's crust over orthotropic mantle	2016	Applied Mathematical Modelling	40	19-20
668.	Sreekrishna R.R., Nalband S., Amalin Prince A.	Real time cascaded moving average filter for detrending of electroencephalogram signals	2016	International Conference on Communication and Signal Processing, ICCSP 2016		
669.	Bhargava D., Solanki L., Rai S.K.	Real time gesture based control: A prototype development	2016	AIP Conference Proceedings	1715	
670.	Kumari A., Sahoo S.K.	Real time image and video deweathering: The future prospects and possibilities	2016	Optik	127	2
671.	Sinha D., Haribabu K., Balasubramaniam S.	Real-time monitoring of network latency in Software Defined Networks	2016	International Symposium on Advanced Networks and Telecommunication Systems, ANTS	2016-February	
672.	Garg K., Lam S.-K., Srikanthan T., Agarwal V.	Real-time road traffic density estimation using block variance	2016	2016 IEEE Winter Conference on Applications of Computer Vision, WACV 2016		
673.	Robinson N., Zaidi A.D., Rana M., Prasad V.A., Guan C., Birbaumer N., Sitaram R.	Real-time subject-independent pattern classification of overt and covert movements from fNIRS signals	2016	PLoS ONE	11	7
674.	Singh S.K., Sundaram S., Sinha S., Rahman M.A., Kapur S.	Recent advances in CO2 uptake and fixation mechanism of cyanobacteria and microalgae	2016	Critical Reviews in Environmental Science and Technology	46	16
675.	Biswas S., Kumari P., Lakhani P.M., Ghosh B.	Recent advances in polymeric micelles for anti-cancer drug delivery	2016	European Journal of Pharmaceutical Sciences	83	
676.	Deshmukh R.A., Joshi K., Bhand S., Roy U.	Recent developments in detection and enumeration of waterborne bacteria: a	2016	MicrobiologyOpen	5	6

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677.	Kulkarni Y.A., Garud M.S., Gaud R.S., Gaikwad A.B.	Recent developments in using plant-derived natural products as tubulin inhibitors for the management of cancer	2016	Fruits, Vegetables, and Herbs: Bioactive Foods in Health Promotion		
678.	Khairnar V.V., Ramesha C.K., Gudino L.J.	Reconfigurable beam scanning using hexagonal slotted parasitic patch antenna array	2016	2016 International Conference on Signal Processing and Communications, SPCOM 2016		
679.	Sarkar T.G., Datta K.K., Pal A.K., Choudhury T.R., Bharadwaj S.	Redshifted HI 21-cm Signal from the Post-Reionization Epoch: Cross-Correlations with Other Cosmological Probes	2016	Journal of Astrophysics and Astronomy	37	4
680.	Gupta G., Mishra R.P., Jain P.	Reliability analysis and identification of critical components using Markov model	2016	IEEE International Conference on Industrial Engineering and Engineering Management	2016-January	
681.	Maheshwari U., Gupta S.	Removal of Cr(VI) from wastewater using activated neem bark in a fixed-bed column: interference of other ions and kinetic modelling studies	2016	Desalination and Water Treatment	57	18
682.	Bobesh K.A., Renuka J., Srilakshmi R.R., Yellanki S., Kulkarni P., Yogeeswari P., Sriram D.	Replacement of cardiotoxic aminopiperidine linker with piperazine moiety reduces cardiotoxicity? Mycobacterium tuberculosis novel bacterial topoisomerase inhibitors	2016	Bioorganic and Medicinal Chemistry	24	1
683.	Gella L., Raman R., Kulothungan V., Pal S.S., Ganesan S., Sharma T.	Retinal sensitivity in subjects with type 2 diabetes mellitus: Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetics Study (SN-DREAMS II, Report No. 4)	2016	British Journal of Ophthalmology	100	6
684.	Oeftiger A., De Maria R., Deniau L., Li K., McIntosh E., Moneta L., Hegglin S., Aviral A.	Review of CPU and GPU Faddeeva implementations	2016	IPAC 2016 - Proceedings of the 7th International Particle Accelerator Conference		
685.	Makhijani K.M., Maradia K.G.	RFID Tag Impendance Matching techniques: A Survey	2016	Proceedings - 2015 International Conference on Computational Intelligence and Communication Networks, CICN 2015		
686.	Chandran V G., Waigaonkar S.D.	Rheological and dynamic mechanical characteristics of rotationally moldable linear low-density polyethylene fumed silica nanocomposites	2016	Polymer Composites	37	10
687.	Winston S.J., Jose J., Subramaniyan A., Murugan S., Bhaduri A.K.	Rigid body transformations for calibration of prototype fast breeder reactor, steam generator inspection device	2016	Communications in Computer and Information Science	627	

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688.	Sharma S.K.	Risk adjusted total cost of ownership model for strategic sourcing decisions	2016	International Journal of Procurement Management	9	2
689.	Sharma S.K., Bhat A.	Risk mitigation in automotive supply chain: An empirical exploration of enablers to implement supply chain risk management	2016	Global Business Review	17	4
690.	Gupta A., Chaudhary A.	Robust skin segmentation using color space switching	2016	Pattern Recognition and Image Analysis	26	1
691.	Tomar V., Sidhu G.K., Nogia P., Mehrotra R., Mehrotra S.	Role of habitat and great oxidation event on the occurrence of three multisubunit inorganic carbon-uptake systems in cyanobacteria	2016	Journal of Genetics	95	1
692.	Singh S.	Role of nonpathogenic fungi in inducing systemic resistance in crop plants against phytopathogens	2016	Microbial Inoculants in Sustainable Agricultural Productivity: Vol. 2: Functional Applications		
693.	Goel G., Mittal G., Asati A.R.	ROM based logic design for base-2 exponential and logarithm converter using fixed point number representation	2016	Proceedings of the International Conference on Inventive Computation Technologies, ICICT 2016	2016	
694.	Shakoor S.M.A., Kumari S., Khullar S., Mandal S.K., Kumar A., Sakhuja R.	Ruthenium(II)-Catalyzed Regioselective Ortho Amidation of Imidazo Heterocycles with Isocyanates	2016	Journal of Organic Chemistry	81	24
695.	Bandele O.J., Desai P., Woolfson M.S., Phillips A.J.	Saturation in cascaded optical amplifier free-space optical communication systems	2016	IET Optoelectronics	10	3
696.	Singh G.P., Bishi B.K., Sahoo P.K.	Scalar field and time varying cosmological constant in f(R,T) gravity for Bianchi type-I universe	2016	Chinese Journal of Physics	54	2
697.	Ginde G., Saha S., Mathur A., Venkatagiri S., Vadakkepat S., Narasimhamurthy A., Daya Sagar B.S.	ScientoBASE: a framework and model for computing scholastic indicators of non-local influence of journals via native data acquisition algorithms	2016	Scientometrics	108	3
698.	Roy D., Lakshminarayanan M.	Scrambling of disulfide bond scaffolds in neurotoxin AuIB: A molecular dynamics simulation study	2016	Biopolymers	106	2
699.	Gakkhar N., Soni M.S., Jakhar S.	Second law thermodynamic study of solar assisted distillation system: A review	2016	Renewable and Sustainable Energy Reviews	56	
700.	Singh S., Tripathi S., Batabyal S.	Secured dynamic scheduling algorithm for real-time applications on grid	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial	10063 LNCS	

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701.	Naidu K.M., Srinivasarao S., Agnieszka N., Ewa A.-K., Kumar M.M.K., Chandra Sekhar K.V.G.	Seeking potent anti-tubercular agents: Design, synthesis, anti-tubercular activity and docking study of various ((triazoles/indole)-piperazin-1-yl/1,4-diazepan-1-yl)benzo[d]isoxazole derivatives	2016	Bioorganic and Medicinal Chemistry Letters	26	9
702.	Srinivasa Raju K., Nagesh Kumar D.	Selection of global climate models for India using cluster analysis	2016	Journal of Water and Climate Change	7	4
703.	Gupta N., Mishra A.	Selection of substrate material for hybrid microwave integrated circuits (HMICs) [Dielektriko Medžiagos Hibridiniams Mikrobanginiams Integriniams Grandynams Parinkimas]	2016	Energetika	62	1-Feb
704.	Baig N., Madduluri V.K., Sah A.K.	Selective oxidation of organic sulfides to sulfoxides using sugar derived cis-dioxo molybdenum(VI) complexes: Kinetic and mechanistic studies	2016	RSC Advances	6	33
705.	Baig N., Shelke G.M., Kumar A., Sah A.K.	Selective Synthesis of Bis(indolyl)methanes under Solvent Free Condition Using Glucopyranosylamine Derived cis-Dioxo Mo(VI) Complex as an Efficient Catalyst	2016	Catalysis Letters	146	2
706.	Kumar V., Puri P., Nain S., Bhat K.N., Sharma N.N.	Self assembled monolayers of octadecyltrichlorosilane for dielectric materials	2016	AIP Conference Proceedings	1724	
707.	Deshmukh K., Shaik M.M., Ramanan S.R., Kowshik M.	Self-Activated Fluorescent Hydroxyapatite Nanoparticles: A Promising Agent for Bioimaging and Biolabeling	2016	ACS Biomaterials Science and Engineering	2	8
708.	Palvai S., More P., Mapara N., Nagraj J., Chowdhury R., Basu S.	Self-Assembled Oleic Acid Nanoparticle Mediated Inhibition of Mitogen-Activated Protein Kinase Signaling in Combination with DNA Damage in Cancer Cells	2016	ChemNanoMat	2	3
709.	Kumar A., Sarkar S., Gerndt M.	SEM4HPC 2016 organizers' welcome	2016	SEM4HPC 2016 - Proceedings of the ACM Workshop on Software Engineering Methods for Parallel and High Performance Applications, Co-located with HPDC 2016		
710.	Akshatha N., Poonia M., Gupta R.K., Manjuladevi V., Shukla P., Gupta R.	Sensing of contaminants in potable water using TiO2 functional film	2016	AIP Conference Proceedings	1724	
711.	Malik A.K., Shekhar C., Vashisth V.,	Sensitivity analysis of an inventory model with non-instantaneous and time-varying	2016	AIP Conference Proceedings	1715	

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	Chaudhary A.K., Singh S.R.	deteriorating items				
712.	Jain A., Babu B.V.	Sensitivity of relative gain array for processes with uncertain gains and residence times	2016	IFAC-PapersOnLine	49	1
713.	Bhargava R., Sharma Y., Sharma S.	Sentiment analysis for mixed script Indic sentences	2016	2016 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2016		
714.	Tantak M.P., Gupta V., Nikhil K., Arun V., Singh R.P., Jha P.N., Shah K., Kumar D.	Sequential one-pot synthesis of bis(indolyl)glyoxylamides: Evaluation of antibacterial and anticancer activities	2016	Bioorganic and Medicinal Chemistry Letters	26	13
715.	Majumder S., Raghuvanshi S., Gupta S.	Sequestration of Zn2+ from aqueous solution using Klebsiella pneumoniae: Batch kinetics and continuous studies	2016	Journal of Water Process Engineering	12	
716.	Kajla M., Choudhury T.P., Kakani P., Gupta K., Dhawan R., Gupta L., Kumar S.	Silencing of Anopheles stephensi heme peroxidase HPX15 activates diverse immune pathways to regulate the growth of midgut bacteria	2016	Frontiers in Microbiology	7	AUG
717.	Dunna N., Ramu A., Satpathi D.K.	Similarity solution of spherical shock waves - Effect of viscosity	2016	Proyecciones	35	1
718.	Makka S., Sagar B.B.	Simulation of a model for refactoring approach for parallelism using parallel computing tool box	2016	Smart Innovation, Systems and Technologies	51	
719.	Sharan L., Rupanshi, Chaubey V.K.	Simulink models for performance analysis of high speed DQPSK modulated optical link	2016	AIP Conference Proceedings	1715	
720.	Raut P.P., Charde S.Y., Bishnoi P.	Simultaneous estimation of levodopa, carbidopa and 3-oxymethyldopa in rat plasma using HPLC-ECD	2016	Biomedical Chromatography	30	10
721.	Paidimarri N., Virendra U., Vedantam S.	Simultaneous Recovery of Hydrogen and Chlorine from Industrial Waste Dilute Hydrochloric Acid	2016	International Journal of Chemical Engineering	2016	
722.	Majumder S., Gupta V., Raghuvanshi S., Gupta S.	Simultaneous sequestration of ternary metal ions (Cr6+, Cu2+ and Zn2+) from aqueous solution by an indigenous bacterial consortium	2016	Process Safety and Environmental Protection	102	
723.	Damodara S., George D., Sen A.K.	Single step fabrication and characterization of PDMS micro lens and its use in optocapillary flow manipulation	2016	Sensors and Actuators, B: Chemical	227	
724.	Purwar A., Joshi D., Dasgupta M.S.	Smart control of electric lamp using artificial intelligence based controller	2016	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON		

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725.	Chauhan G.S., Shukla T.	Social media advertising and public awareness: Touching the LGBT chord!	2016	Journal of International Women's Studies	18	1
726.	Pani A.K., Amin K.G., Mohanta H.K.	Soft sensing of product quality in the debutanizer column with principal component analysis and feed-forward artificial neural network	2016	Alexandria Engineering Journal	55	2
727.	Singh N.S., Sharma I., Jangid S.	Solar powered automobile automation for heatstroke prevention	2016	AIP Conference Proceedings	1715	
728.	Jonnalagadda J.M.	Solutions of fractional nabla difference equations -existence and uniqueness	2016	Opuscula Mathematica	36	2
729.	Sonu, Kumari S., Saha S.K.	Solvation dynamics and rotational relaxation of coumarin 153 in mixed micelles of Triton X-100 and cationic gemini surfactants: Effect of composition and spacer chain length of gemini surfactants	2016	Physical Chemistry Chemical Physics	18	3
730.	Joshi S., Kumari S., Sarmah A., Sakhuja R., Pant D.D.	Solvatochromic shift and estimation of dipole moment of synthesized coumarin derivative: Application as sensor for fluorogenic recognition of Fe^{3+} and Cu^{2+} ions in aqueous solution	2016	Journal of Molecular Liquids	222	
731.	Handa A.K., Godinho A., Singh T.	Some distance antimagic labeled graphs	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9602	
732.	Iqbal A., Samhita V.	Some integral inequalities for log-preinvex functions	2016	Springer Proceedings in Mathematics and Statistics	186	
733.	Roul R.K., Asthana S.R., Kumar G.	Spam web page detection using combined content and link features	2016	International Journal of Data Mining, Modelling and Management	8	3
734.	Goyal P., Kumari S., Sharma S., Kishore V., Goyal N., Balasubramaniam S.S.	Spatial locality aware, fast, and scalable SLINK algorithm for commodity clusters	2016	Proceedings - IEEE International Conference on Cluster Computing, ICCC		
735.	Agariya A.K., Singh D.	SRM index development and validation in Indian automobile sector	2016	International Journal of Business Performance and Supply Chain Modelling	8	1
736.	Kundu S., Aggarwal A., Mazumdar S., Dutt K.B.	Stabilization characteristics of copper mine tailings through its utilization as a partial substitute for cement in concrete: preliminary investigations	2016	Environmental Earth Sciences	75	3

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737.	Gautam A., Mohan S.	STATE: Distributed algorithm for uniform circle formation by multiple mobile robots	2016	Intelligent Service Robotics	9	4
738.	Roh H.-J., Sahu P.K., Sharma S., Datla S., Mehran B.	Statistical investigations of snowfall and temperature interaction with passenger car and truck traffic on primary highways in Canada	2016	Journal of Cold Regions Engineering	30	2
739.	Mohan K.N.	Stem cell models to investigate the role of DNA methylation machinery in development of neuropsychiatric disorders	2016	Stem Cells International	2016	
740.	Jeyalatha M.V., Malathi J., Madhavan H.N.	Stepwise protocol for cytospin-enhanced smearing for scraped corneal epithelial cells	2016	Applied Immunohistochemistry and Molecular Morphology	24	1
741.	Gavane A.S., Nigam R.	Stochastic population dynamics under resource constraints	2016	AIP Conference Proceedings	1739	
742.	Pala Z.R., Saxena V., Saggu G.S., Yadav S.K., Pareek R.P., Kochar S.K., Kochar D.K., Garg S.	Structural and functional characterization of an iron-sulfur cluster assembly scaffold protein-SufA from Plasmodium vivax	2016	Gene	585	1
743.	Mittal A., Chitkara D.	Structural modifications in polymeric micelles to impart multifunctionality for improved drug delivery	2016	Therapeutic Delivery	7	2
744.	Munjal P., Singh S.B., Thammishetti N.	Structural performances of masonry beam strengthening with FRP sheets	2016	Brick and Block Masonry: Trends, Innovations and Challenges - Proceedings of the 16th International Brick and Block Masonry Conference, IBMAC 2016		
745.	Jeankumar V.U., Saxena S., Vats R., Reshma R.S., Janupally R., Kulkarni P., Yogeeswari P., Sriram D.	Structure-Guided Discovery of Antitubercular Agents That Target the Gyrase ATPase Domain	2016	ChemMedChem	11	5
746.	Choudhary K., Manjuladevi V., Gupta R.K.	Studies on morphology of Langmuir-Blodgett films of stearic acid deposited with different orientation of substrates with respect to compression	2016	AIP Conference Proceedings	1728	
747.	Trivedi R., Bandyopadhyay D.	Study of adsorption and dissociation pathway of H2 molecule on MgnRh (n = 1–10) clusters: A first principle investigation	2016	International Journal of Hydrogen Energy	41	44
748.	Singh B., Erni W., Krusche B., P. N. Deepak, A. Kulkarni and 505 other authors	Study of doubly strange systems using stored antiprotons	2016	Nuclear Physics A	954	323-340

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750.	Ganai R., Agarwal K., Roy A., Muduli B., Chattopadhyay S., Ahammed Z., Das G., Ramnarayan S.	Study of performance of bakelite resistive pate chamber (RPC)	2016	Springer Proceedings in Physics	174	
751.	Kumar D.S., Suri N., Khanna P.K., Sharma R.P.	Study of the oxidation effects on isothermal solidification based high temperature stable Pt/In/Au and Pt/In/Ag thick film interconnections on LTCC substrate	2016	AIP Conference Proceedings	1715	
752.	Sarkar D., Pal M., Sarkar A.K.	Study on Plastic Coated Overburnt Brick Aggregate as an Alternative Material for Bituminous Road Construction	2016	Advances in Materials Science and Engineering	2016	
753.	Subramanian N., Gandage A.S.	Study on reduction of pavement noise using porous concrete	2016	Indian Concrete Journal	90	5
754.	Pratap S., Sarkar N.	Studying the conductance and transport in low-dimensional graphene nano ribbon under ballistic regime	2016	AIP Conference Proceedings	1728	
755.	Kishore R., Ramesha C.K., Sawant T.	Superior Selective Reporting mechanism for cooperative spectrum sensing in cognitive radio networks	2016	Proceedings of the 2016 IEEE International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2016		
756.	Pradhan S.K., Routroy S.	Supply management integration model for Indian manufacturing industries	2016	International Journal of Operations and Production Management	36	7
757.	Devanarayanan V.P., Manjuladevi V., Gupta R.K.	Surface plasmon resonance sensor based on a new opto-mechanical scanning mechanism	2016	Sensors and Actuators, B: Chemical	227	
758.	Tyagi D.K., Chaubey V.K.	Survivable routing with path length constraint in WDM networks	2016	International Journal of Applied Engineering Research	11	1
759.	Josyula S.K., Narala S.K.R., Charan E.G., Kishawy H.A.	Sustainable Machining of Metal Matrix Composites Using Liquid Nitrogen	2016	Procedia CIRP	40	
760.	Arora N., Sharma N.N.	Sustained arc temperature: Better marker for phase transformation of carbon black to multiwalled carbon nanotubes in arc discharge method	2016	Materials Research Express	3	10
761.	Sharma S., Rajesh N.	Synergistic influence of graphene oxide and tetraoctylammonium bromide (frozen ionic liquid) for the enhanced adsorption and	2016	Journal of Environmental Chemical Engineering	4	4

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		recovery of palladium from an industrial catalyst				
762.	Thigulla Y., Akula M., Trivedi P., Ghosh B., Jha M., Bhattacharya A.	Synthesis and anti-cancer activity of 1,4-disubstituted imidazo[4,5-c]quinolines	2016	Organic and Biomolecular Chemistry	14	3
763.	Sundaree S., Vaddula B.R., Tantak M.P., Khandagale S.B., Shi C., Shah K., Kumar D.	Synthesis and anticancer activity study of indolyl hydrazide-hydrazones	2016	Medicinal Chemistry Research	25	5
764.	Ashok P., Chander S., Tejería A., García-Calvo L., Balaña-Fouce R., Murugesan S.	Synthesis and anti-leishmanial evaluation of 1-phenyl-2,3,4,9-tetrahydro-1H-β-carboline derivatives against Leishmania infantum	2016	European Journal of Medicinal Chemistry	123	
765.	Dayakar Ch., Suman P., Rajkumar K., Yogeeswari P., Sriram D., China Raju B.	Synthesis and anti-mycobacterial activity of 1H-1,2,3-triazolylisonicotinohydrazides	2016	Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry	55B	7
766.	Nayak N., Ramprasad J., Dalimba U., Yogeeswari P., Sriram D.	Synthesis and antimycobacterial screening of new N-(4-(5-aryl-3-(5-methyl-1,3,4-oxadiazol-2-yl)-1H-pyrazol-1-yl)phenyl)-4-amide derivatives	2016	Chinese Chemical Letters	27	3
767.	Akula M., Yogeeswari P., Sriram D., Jha M., Bhattacharya A.	Synthesis and anti-tubercular activity of fused thieno-/furo-quinoline compounds	2016	RSC Advances	6	52
768.	Pulipati L., Sridevi J.P., Yogeeswari P., Sriram D., Kantevari S.	Synthesis and antitubercular evaluation of novel dibenzo[b,d]thiophene tethered imidazo[1,2-a]pyridine-3-carboxamides	2016	Bioorganic and Medicinal Chemistry Letters	26	13
769.	Venkataramana Reddy P.O., Tantak M.P., Valdez R., Singh R.P., Singh O.M., Sadana R., Kumar D.	Synthesis and biological evaluation of novel carbazolyl glyoxamides as anticancer and antibacterial agents	2016	RSC Advances	6	12
770.	Narva S., Chitti S., Bala B.R., Alvala M., Jain N., Kondapalli V.G.C.S.	Synthesis and biological evaluation of pyrrolo[2,3-b]pyridine analogues as antiproliferative agents and their interaction with calf thymus DNA	2016	European Journal of Medicinal Chemistry	114	
771.	Banerjee S., Chattopadhyay A., Saini P., Singh K.S.	Synthesis and Optical Properties of 1,4- and 1,2-Dicyanodibenzodioxins Possessing Donor-π-Acceptor Architecture	2016	Synlett	27	5
772.	Kumar S., Thakur A., Rangra V.S., Sharma S.	Synthesis and Use of Low-Band-Gap ZnO Nanoparticles for Water Treatment	2016	Arabian Journal for Science and Engineering	41	7
773.	Moitra D., Ghosh B.K., Chandel M., Ghosh N.N.	Synthesis of a BiFeO3 nanowire-reduced graphene oxide based magnetically separable nanocatalyst and its versatile	2016	RSC Advances	6	100

S.No.	Authors	Title	Year	Source title	Vol.	Issue
		catalytic activity towards multiple organic reactions				
774.	Moitra D., Ghosh B.K., Chandel M., Jani R.K., Patra M.K., Vadera S.R., Ghosh N.N.	Synthesis of a Ni0.8Zn0.2Fe2O4-RGO nanocomposite: An excellent magnetically separable catalyst for dye degradation and microwave absorber	2016	RSC Advances	6	17
775.	Aich S., Mishra M.K., Sekhar C., Satapathy D., Roy B.	Synthesis of Al-doped Nano Ti-O scaffolds using a hydrothermal route on Titanium foil for biomedical applications	2016	Materials Letters	178	
776.	Ghosh B.K., Hazra S., Ghosh N.N.	Synthesis of Cu@CF@SBA15: A Versatile catalysts for (i) reduction of dyes, trifluralin, Synthesis of (ii) DHPMs by Biginelli reaction and (iii) 1,2,3-triazole derivatives by 'Click reaction'	2016	Catalysis Communications	80	
777.	Shelke G.M., Jha M., Kumar A.	Synthesis of indole-annulated sulfur heterocycles using copper-catalysed C-N coupling and palladium-catalysed direct arylation	2016	Organic and Biomolecular Chemistry	14	13
778.	Roy B., Aich S.	Synthesis of Mixed-Phase TiO2 Powders in Salt Matrix and Their Photocatalytic Activity	2016	Materials and Manufacturing Processes	31	12
779.	Fageria P., Uppala S., Nazir R., Gangopadhyay S., Chang C.-H., Basu M., Pande S.	Synthesis of Monometallic (Au and Pd) and Bimetallic (AuPd) Nanoparticles Using Carbon Nitride (C3N4) Quantum Dots via the Photochemical Route for Nitrophenol Reduction	2016	Langmuir	32	39
780.	Arora N., Sharma N.N.	Synthesis of multiwalled carbon nanotube from different grades of carbon black using arc discharge method	2016	AIP Conference Proceedings	1724	
781.	Nayak N., Ramprasad J., Dalimba U., Yogeeswari P., Sriram D., Kumar H.S.S., Peethambar S.K., Achur R.	Synthesis of new pyrazole-triazole hybrids by click reaction using a green solvent and evaluation of their antitubercular and antibacterial activity	2016	Research on Chemical Intermediates	42	4
782.	Rouatbi F., Askri M., Nana F., Kirsch G., Sriram D., Yogeeswari P.	Synthesis of new spirooxindole derivatives through 1,3-dipolar cycloaddition of azomethine ylides and their antitubercular activity	2016	Tetrahedron Letters	57	2
783.	Panathur N., Gokhale N., Dalimba U., Koushik P.V., Yogeeswari P., Sriram D.	Synthesis of novel 5-[(1,2,3-triazol-4-yl)methyl]-1-methyl-3H-pyridazino[4,5-b]indol-4-one derivatives by click reaction and exploration of their anticancer activity	2016	Medicinal Chemistry Research	25	1
784.	Jadhavar P.S., Dhameliya T.M., Vaja M.D., Kumar D., Sridevi J.P., Yogeeswari P., Sriram D., Chakraborti A.K.	Synthesis, biological evaluation and structure-activity relationship of 2-styrylquinazolones as anti-tubercular agents	2016	Bioorganic and Medicinal Chemistry Letters	26	11

S.No.	Authors	Title	Year	Source title	Vol.	Issue
785.	Agarwal D.S., Anantaraju H.S., Sriram D., Yogeeswari P., Nanjegowda S.H., Mallu P., Sakhuja R.	Synthesis, characterization and biological evaluation of bile acid-aromatic/heteroaromatic amides linked via amino acids as anti-cancer agents	2016	Steroids	107	
786.	Polkam N., Ramaswamy V.R., Rayam P., Allaka T.R., Anantaraju H.S., Dharmarajan S., Perumal Y., Gandamalla D., Yellu N.R., Balasubramanian S., Anireddy J.S.	Synthesis, molecular properties prediction and anticancer, antioxidant evaluation of new edaravone derivatives	2016	Bioorganic and Medicinal Chemistry Letters	26	10
787.	Venkatesan N., Kanwar J.R., Deepa P.R., Navaneethakrishnan S., Joseph C., Krishnakumar S.	Targeting HSP90/Survivin using a cell permeable structure based peptido-mimetic shepherdin in retinoblastoma	2016	Chemico-Biological Interactions	252	
788.	Banerjee S.K., Kumar M., Alokam R., Sharma A.K., Chatterjee A., Kumar R., Sahu S.K., Jana K., Singh R., Yogeeswari P., Sriram D., Basu J., Kundu M.	Targeting multiple response regulators of Mycobacterium tuberculosis augments the host immune response to infection	2016	Scientific Reports	6	
789.	Singh P., Singh S.M., Roy U.	Taxonomic characterization and the bio-potential of bacteria isolated from glacier ice cores in the High Arctic	2016	Journal of Basic Microbiology	56	3
790.	Prasad T., Sathyanarayanan K., Tiwari S., Goveas N., Deshpande B.	T-CSA: A fast and flexible CSA implementation	2016	2016 8th International Conference on Communication Systems and Networks, COMSNETS 2016		
791.	Cheruvalath R.	Teaching ethics to engineering students in India: Issues and challenges	2016	Leadership and Personnel Management: Concepts, Methodologies, Tools, and Applications	3	
792.	Muthukumaran K., Bhanu Murthy N.L., Karthik Reddy G., Talishetti P.	Testing and code review based effort-aware bug prediction model	2016	Studies in Computational Intelligence	653	
793.	Balaji S., Zhou Y., Ganguly A., Opara E.C., Soker S.	The combined effect of PDX1, epidermal growth factor and poly-L-ornithine on human amnion epithelial cells' differentiation	2016	BMC Developmental Biology	16	1
794.	Thimmakondu V.S.	The equilibrium geometries of heptatriynylidene, cyclohepta-1,2,3,4-tetraen-6-yne, and	2016	Computational and Theoretical Chemistry	1079	

S.No.	Authors	Title	Year	Source title	Vol.	Issue
		heptahexaenylidene				
795.	Amutha A.M.M., Christopher G.	The forgotten tribe: The kuravars of Tamil Nadu	2016	The Language Loss of the Indigenous		
796.	Kulkarni O.P., Lichtnekert J., Anders H.-J., Mulay S.R.	The Immune System in Tissue Environments Regaining Homeostasis after Injury: Is "Inflammation" Always Inflammation?	2016	Mediators of Inflammation	2016	
797.	Sehrawat M., Giri A.K.	The impact of financial development on economic growth: Evidence from SAARC countries	2016	International Journal of Emerging Markets	11	4
798.	Kalidhasan S., Santhana Krishna Kumar A., Rajesh V., Rajesh N.	The journey traversed in the remediation of hexavalent chromium and the road ahead toward greener alternatives-A perspective	2016	Coordination Chemistry Reviews	317	
799.	Singh R.P., Jha P.N.	The Multifarious PGPR Serratia marcescens CDP-13 Augments Induced Systemic Resistance and Enhanced Salinity Tolerance of Wheat (Triticum aestivum L.)	2016	PLoS ONE	11	6
800.	Vijaya L., Asokan R., Panday M., Choudhari N.S., Sathyamangalam R.V., Velumuri L., George R.	The prevalence of pseudoexfoliation and the long-term changes in eyes with pseudoexfoliation in a South Indian population	2016	Journal of Glaucoma	25	6
801.	Udumula M.P., Medapi B., Dhar I., Bhat A., Desai K., Sriram D., Dhar A.	The Small Molecule Indirubin-3′-Oxime Inhibits Protein Kinase R: Antiapoptotic and Antioxidant Effect in Rat Cardiac Myocytes	2016	Pharmacology	97	1-Feb
802.	Senthil N., Kumar V.S.	The static extraction of lipid from microalgae Desmodesmus sp. MCC34	2016	Research Journal of Biotechnology	11	5
803.	Nagappan S., Verma S.K.	The static extraction of lipid from microalgae Desmodesmus sp. MCC34	2016	Research Journal of Biotechnology	11	4
804.	Dubey U.S., Lal M., Mittal A., Kapur S.	Therapeutic potential of camel milk	2016	Emirates Journal of Food and Agriculture	28	3
805.	Malagavelli V., Parmar R.S., Rao P.N.	Thermal conductivity and impact resistance of concrete using partial replacement of coarse aggregate with rubber	2016	Jordan Journal of Civil Engineering	10	2
806.	Purohit N., Gupta D.K., Dasgupta M.S.	Thermodynamic analysis of a CO2 trans-critical refrigeration system with ejector for high ambient conditions	2016	Refrigeration Science and Technology		
807.	Purohit N., Gupta D.K., Dasgupta M.S.	Thermodynamic analysis of CO2 trans-critical booster system for supermarket refrigeration in warm climatic conditions	2016	Refrigeration Science and Technology	2016-January	
808.	Narendra K., Srinivasa Krishna T., Sudhamsa B., Dey R., SarathBabu M.	Thermophysical and optical studies of molecular interactions in binary mixtures of diethyl carbonate with aromatic compounds at temperatures from 298.15 to 323.15 K	2016	Journal of Chemical Thermodynamics	103	

S.No.	Authors	Title	Year	Source title	Vol.	Issue
809.	Gupta R.K., Manjuladevi V., Karthik C., Choudhary K.	Thin films of discotic liquid crystals and their applications	2016	Liquid Crystals	43	13-15
810.	Dutta K., Hazra A., Bhattacharyya P.	Ti/TiO2 Nanotube Array/Ti Capacitive Device for Non-polar Aromatic Hydrocarbon Detection	2016	IEEE Transactions on Device and Materials Reliability	16	2
811.	Badam S.K., Zhao J., Sen S., Elmqvist N., Ebert D.	TimeFork: Interactive prediction of time series	2016	Conference on Human Factors in Computing Systems - Proceedings		
812.	Gupta R., Gupta A., Nair A.	To predict the impact ofpassive architecture conditions inside a building using ANN	2016	IREC 2016 - 7th International Renewable Energy Congress		
813.	Gomatam R.V.	Toward relational reality: From einstein and tagore to gaudiya vaishnava vedanta	2016	Einstein, Tagore and the Nature of Reality		
814.	Khurjekar I., Garware B., Abhyankar A.	Towards minimizing effect of partial fingerprint images on the performance of fingerprint recognition systems	2016	Proceedings - IEEE International Conference on Information Processing, ICIP 2015		
815.	Venkateswaran P., Malapati A., Natu M., Sadaphal V.	Towards next-generation alert management of data centers	2016	2016 8th International Conference on Communication Systems and Networks, COMSNETS 2016		
816.	Bajaj K., Sakhuja R., Pillai G.G.	Traceless reductive ligation at a tryptophan site: A facile access to β-hydroxytryptophan appended peptides	2016	Organic and Biomolecular Chemistry	14	40
817.	Labala S., Jose A., Venuganti V.V.K.	Transcutaneous iontophoretic delivery of STAT3 siRNA using layer-by-layer chitosan coated gold nanoparticles to treat melanoma	2016	Colloids and Surfaces B: Biointerfaces	146	
818.	Adloor S.D., Krishnamurthy B.	Transient analysis of a Direct Methanol fuel cell anode	2016	Electrochimica Acta	191	
819.	Pratap S.	Transport properties of zigzag graphene nanoribbons in the confined region of potential well	2016	Superlattices and Microstructures	100	
820.	Jayashree C., Tamilarasan K., Rajkumar M., Arulazhagan P., Yogalakshmi K.N., Srikanth M., Banu J.R.	Treatment of seafood processing wastewater using upflow microbial fuel cell for power generation and identification of bacterial community in anodic biofilm	2016	Journal of Environmental Management	180	
821.	Gunda R.K., Narala S.K.R.	Tribological studies to analyze the effect of solid lubricant particle size on friction and wear behaviour of Ti-6Al-4V alloy	2016	Surface and Coatings Technology	308	
822.	Gyanan, Mondal S., Kumar A.	Tunable dielectric properties of TiO2 thin film based MOS systems for application in microelectronics	2016	Superlattices and Microstructures	100	

S.No.	Authors	Title	Year	Source title	Vol.	Issue
823.	Lakshmi U.P., Balasubramanian M., Narayan K., Pattnaik P.K.	Tunable SU-8 waveguide grating filter using electrostatic actuation for DWDM optical network	2016	2015 International Conference on Microwave, Optical and Communication Engineering, ICMOCE 2015		
824.	Saini A., Verma S., Harshavardhan A., Dey R.	Two new models for viscosity prediction of binary, ternary and higher order liquid mixtures	2016	RSC Advances	6	114
825.	Tadros R.N., Dasari N., Beerel P.A.	Ultra-low power pass-Transistor-logic-based delay line design for sub-Threshold applications	2016	Electronics Letters	52	23
826.	Kala P., Pandey P.M., Verma G.C., Sharma V.	Understanding flexible abrasive brush behavior for double disk magnetic abrasive finishing based on force signature	2016	Journal of Manufacturing Processes		
827.	Chaturvedi P., Ojha A., Jain S., Mittal A.	Unity power factor controller for neutral point clamped active front end converter with DC voltage balancing	2016	Proceedings of the IEEE International Conference on Industrial Technology	2016-May	
828.	Samanta G.C., Bishi B.K.	Universe described by Kaluza–Klein space time with viscous modified cosmic Chaplygin gas in general relativity	2016	Iranian Journal of Science and Technology, Transaction A: Science	40	4
829.	Runthala A., Chowdhury S.	Unsolved problems of ambient computationally intelligent TBM algorithms	2016	Studies in Computational Intelligence	611	
830.	Hota C., Narang P., Reddy J.M.	Unwanted traffic identification in large-scale university networks: A case study	2016	Big Data Analytics: Methods and Applications		
831.	Veeranna S.P., Nam J., Mencía E.L., Fürnkranz J.	Using semantic similarity for multi-label zero-shot classification of text documents	2016	ESANN 2016 - 24th European Symposium on Artificial Neural Networks		
832.	Gayatri M.T.L., Parimi A.M., Kumar A.V.P.	Utilization of Unified Power Quality Conditioner for voltage sag/swell mitigation in microgrid	2016	2016 - Biennial International Conference on Power and Energy Systems: Towards Sustainable Energy, PESTSE 2016		
833.	Bhargava A., Jain N., Khan M.A., Pareek V., Dilip R.V., Panwar J.	Utilizing metal tolerance potential of soil fungus for efficient synthesis of gold nanoparticles with superior catalytic activity for degradation of rhodamine B	2016	Journal of Environmental Management	183	
834.	Jasti N.V.K., Kodali R.	Validity and reliability of lean enterprise frameworks in Indian manufacturing industry	2016	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	230	2
835.	Kaswan P., Nandwana N.K., DeBoef B., Kumar	Vanadyl Acetylacetonate Catalyzed Methylenation of Imidazo[1,2-a]pyridines by Using	2016	Advanced Synthesis and Catalysis	358	13

S.No.	Authors	Title	Year	Source title	Vol.	Issue
	A.	Dimethylacetamide as a Methylene Source: Direct Access to Bis(imidazo[1,2-a]pyridin-3-yl)methanes				
836.	Mohanty S., Gupta K.K., Raju K.S.	Vibro-acoustic fault analysis of bearing using FFT, EMD, EEMD and CEEMDAN and their implications	2016	Lecture Notes in Electrical Engineering	387	
837.	Khandelwal P., Somani G.	Virtual machine placement in IaaS cloud	2016	Handbook of Research on End-to-End Cloud Computing Architecture Design		
838.	Poddar A., Ramasamy V., Shukla R., Rajpoot R.K., Arora U., Jain S.K., Swaminathan S., Khanna N.	Virus-like particles derived from Pichia pastoris-expressed dengue virus type 1 glycoprotein elicit homotypic virus-neutralizing envelope domain III-directed antibodies	2016	BMC Biotechnology	16	1
839.	Gupta M., Rao B.V.V.S.N.P., Rajagopalan V., Das A., Kesavadas C.	Volumetric segmentation of brain tumor based on intensity features of multimodality magnetic resonance imaging	2016	IEEE International Conference on Computer Communication and Control, IC4 2015		
840.	Mahale G., Nandy S.K., Bhatia E., Narayan R.	VOP: Architecture of a Processor for Vector Operations in On-Line Learning of Neural Networks	2016	Proceedings of the IEEE International Conference on VLSI Design	2016-March	
841.	Pasha S.S., Das P., Rath N.P., Bandyopadhyay D., Jana N.R., Laskar I.R.	Water soluble luminescent cyclometalated platinum(II) complex - A suitable probe for bio-imaging applications	2016	Inorganic Chemistry Communications	67	
842.	Kadam N.R., Karthikeyan G.	Wear Evaluation of AISI 4140 Alloy Steel with WC/C Lamellar Coatings Sliding Against EN 8 Using Taguchi Method	2016	Journal of The Institution of Engineers (India): Series C	97	4
843.	Nair H.	Where teachers learn	2016	Economic and Political Weekly	51	18
844.	Moorthy C.B., Deshmukh M.K.	Wind Resource Assessment Using Computer Simulation Tool: A Case Study	2016	Energy Procedia	100	
845.	Muddineti O.S., Kumari P., Ajjarapu S., Lakhani P.M., Bahl R., Ghosh B., Biswas S.	Xanthan gum stabilized PEGylated gold nanoparticles for improved delivery of curcumin in cancer	2016	Nanotechnology	27	32
846.	Purohit G., Raju K.S., Chaubey V.K.	XOR-FREE Implementation of Convolutional Encoder for Reconfigurable Hardware	2016	International Journal of Reconfigurable Computing	2016	
847.	Sakhuja R., Pericherla K., Bajaj K., Khungar B., Kumar A.	Ytterbium Triflate Catalyzed Synthesis of Heterocycles	2016	Synthesis (Germany)	48	24
848.	Kumar J., Barhydt T., Awasthi A., Lithgow G.J., Killilea D.W.,	Zinc levels modulate lifespan through multiple longevity pathways in caenorhabditis elegans	2016	PLoS ONE	11	4

S.No.	Authors	Title	Year	Source title	Vol.	Issue
	Kapahi P.					
849.	Pawar S., Akula M., Labala S., Venuganti V.V.K., Bhattacharya A., Nag A.	Zinc(II) Ion Sensing in Aqueous Micellar Solution Using Modified Bipyridine-Based "Turn-On" Fluorescent Probes and its Application in Bioimaging	2016	ChemPlusChem	81	12

B 3.6) Research funds sanctioned and received from various funding agencies, Industries and other organizations

For research fund under Major Projects (Completed, Ongoing, Sanctioned, Submitted) please refer to Annexure 9

Minor Projects

#	Project Title	Principal Investigator	Amount Sanctioned	Sponsoring Agency
1	Development and validation of Service Quality Index in Indian Telecom & Banking sector	Dr. Arun Kumar	400000	ICSSR
2	Modeling of Employee performance and human capital Assessment and optimization of productivity of Indian Manufacturing Industyr	Dr. Udayan Chanda	500000	ICSSR
3	EXAFS Investigations on ion conducting polymer nanocompisites for conductivity strucure corelation	Dr. Anshuman Dalvi	229800	UGC-DAE
4	Preparation of State of Art Report (SOAR) on Devleopment of innovative non-destructive techniques for determination of in-situ strength and permeability of concrete	Dr. Amit Goel	250700	Ministry of Road Transport & Highway
5	An Economic Appraisal of Renewables Versus Non-Renewables: A Case of Rajasthan	Dr. Krishna M	200000	ICSSR
6	Developing and Validating Relationship Management Index for Indian Airline Industry	Dr. Jyoti	150000	ICSSR
7	Preparation of State of Art Report (SOAR) on fog vision system of India	Dr. Rajiv Gupta	435160	MRTH

Interdisciplinary Projects

#	Title of the Project	PI Name	Amont	Funding Agency
1.	Developing a web portal for power curve guarantee test	Prof. Aruna Malapati	40635	Mythra
2.	Studies on CO_2 capture from flue gases using regenerable solid adsorbents	Dr. Srikanta Dinda	1198000	CSIR
3.	Mechanistic basis of abnormal neurogenesis due to	Dr. Nagamohan	6845800	DBT

#	Title of the Project	PI Name	Amont	Funding Agency
	HSSN1E-assicuated DNA Methyltransferase 1 (Dnmt1)mutation and pharmacological intervention for phenotypic correction			
4.	Investigation on knowledge of Dengue fever followed by its education and post impact behavioural changes amoung rural communities of Shamirpet Mandal	Prof. Sajeli Begum	1028000	ICMR
5.	Novel Biomarker responses to validate acute toxicity of engineered nanoparticles and their physicochemical interactions in earthworm as a model bioindicator of nano (eco) toxicology.	Dr.Sankar Ganesh	1407800	DBT-RGYI
6.	Finding Aggtegation-induced emission active materials : design, synthesis and photophysical studies of sterically hindered triarylethenes and Tetraarylethenes	Dr. Manab Chakravarthy	3830000	DST
7.	Synthesis & Biological activity of various triazoles as effective antifungal agents	Dr. KVG Chandrasekhar	1372400	DBT
8.	Structure based rational design and syntheisi of inhibitors for various enzymes of HIV	Dr. D. Sriram	5617400	DBT-ICMR
9.	Integrated urban flood management in India	Prof. K.S. Raju	1906000	ITRA
10.	Bioconversion Of Coal Rejects To Biogas And Humic Acid	Dr. Asma Ahmed	4450000	DBT-BIPP
11.	Comprehensive intelligent ARI Monitor for early detection of pneumonia in rural areas of Medchal Mandal, AP	Prof.MB Srinivas &EEE	795000	ICMR
12.	Bioconversion Of Coal Rejects To Biogas And Humic Acid	Dr. Asma Ahmed Ardee Hitech Pvt. Ltd., Vishagapatnam, Andhra Pradesh	600000	DBT-BIRAC
13.	Development of an accurate and robust unstructured grid-based adjoint approach for compressible turbulent flows	Dr. Anil Nemili	1590600	DST

#	Title of the Project	PI Name	Amont	Funding Agency
14.	Simulation and Modelling to Minimize Porosity level in Aluminum Castings by Ultrasonic Sir Casting	Prof. N.S.K Reddy	803200	L & N Structural Engineers (P) Ltd

Industry Sponsored Projects

#	Project Title	Principal Investigator	Amount Sanctioned	Sponsoring Agency
1	Financial Inclusion	Dr Arun Vaish	18000000	HCL
2	Development of nutraceutical nanoemulsion based health drink of food bioactives	Dr Anil Jindal	510000	Ananta Medicare Limited
3	Nanotechnology based pharmaceutical, nutraceuticals and cosmetics-development of platform technology	Dr. Deepak Chitkara	2137800	Incisive Elements USA
4	Drug delivery	Dr. Sunil K Dubey	207000	Axis Clinpharma
5	In Vivo-In Vitro study design: cardio-reno protective effect of herbal extract (Red spinach extract) in hypertensive rats: Role of NO/cGMP Pathway	Dr. Rajeev Taliyan and Dr. Sunil Kumar Dubey	800000	Etica Clinpharma

Projects sponsored by the University

#	Title of Research Proposal	Principal Investigator	Budget	Funding Agency
1.	Evaluation of the behavior of reinforced concrete with alkali activated binders, exposed to severely high temperatures	Dr. Arkamitra Kar	200000	BITS Pilani
2.	Effect of variation of soil parameters on performance of stone column improved ground: a probalilistic risk factor based approach	Dr. Anasua Guharay	200000	
3.	Half warm bituminous mixture using polymer modified bitumen emulsions	Dr. Sridhar Raju	200000	
4.	Deveopment of coupled numerical heart transer model for prediction	Dr. Satish Kumar Dubey	200000	

#	Title of Research Proposal	Principal Investigator	Budget	Funding Agency
	of three dimensional billet temperature with growing oxide in reheat furnace			
5.	Experimental studies for assesing the mechanical characteristics of pavement sub grade layers adhered with natural rubber latex	Dr. Naveen James	200000	
6.	Characterization and analsis of flow over two tandem cylinders for different gaps at low Reynolds number	Dr. Supradeepan	200000	
7.	Periodic points of solenoidal auto morphisms	Dr. Sharan Gopal	200000	
8.	Synthesis of ceramic foams for hydrogen storage applications	Dr. R. Sujith	200000	
9.	Adjoint based adaptation in meshfree methods	Dr. N.Anil	200000	
10.	High performance cost-effective lead free ferroclectric/semiconductor heterojtion solar cells	Dr. Souvik Kundu	200000	
11.	Strategies for Thermal-aware applications-specific and reconfigurable networks on chip design	Soumya J	200000	
12.	Investigation of performance for topologically optimized planner manipulator link	Dr. Arshad Javed	200000	
13.	An examination of conflict style preference in India	Dr. Swati Alok	200000	
14.	Experimental and Numerical study of spring back in bending process for austenitic stainless steel(ASS) 3016	Dr. Nitin Kotkunde	200000	
15.	Investigation performance of mobile opportunistic network based transport layer protocols for medical image file transfer	Dr. Suvadip Batabyal	200000	
16.	Investigation of the physics governing the performance of fully deplited silicon - On-insulator (FDSOI) thin film Asysmmetric double gate(DG) Nano-scale metal	Dr. Surya Shankar Dan	200000	

#	Title of Research Proposal	Principal Investigator	Budget	Funding Agency
	oxide semiconductor field effect transistor (MOSFET) Devices			
17.	Reconfigurable Dielectric Resonator antenna f or wireless applications	Dr. Runa Kumari	200000	
18.	A Comparative study on seismic analysis of earthquake resisiting structures	Dr. Mohan SC	200000	
19.	Experimental and numerical studie on part quality incremental forming at elevated temperatures	Dr. Kurra Suresh	200000	
20.	Role of informal institute for small and micro enterpreneurs an empirical assessment	Dr. Archana Srivastava	182000	
21.	Heat transfer modeling of cold water mist at the cutting zone using FSI model in machining of turbin blade materials	Dr. Phaneendra Kiran C	900000	BITS Pilani
22.	Systematic Evaluation of Processes Controlling Fluoride Removal by Layered Hydroxides Anchored Activated Carbon	Dr. Trishiki Ray Choudhary	1000000	
23.	Development of an integrated approach for modeling and management of micro grid operations	Dr.Sandip Shridharrao Deshmukh	900000	
24.	Photocatalytic H2 production	Dr. Sounak Roy	700000	
25.	Structural Health Monitoring of Wind Turbines using a Comprehensive Condition Monitoring Scheme-Vibration Signature Analysis, Acoustic Emission Analysis and Lubricating Oil Analysis	Dr. Sabareesh G R	850000	
26.	Regulation of IL-1b in neuropathic pain: role of NALP3 inflammasome, histone deacetylase and xanthine oxidase	Dr. Onkar Prakash Kulkarni	1000000	
27.	Desing and Deveopment of Isoform Selective HDAC3 Inhibitors for the Enhancement Long-term Memory	Dr. Balaram Ghosh	900000	

#	Title of Research Proposal	Principal Investigator	Budget	Funding Agency
28.	Smart traffic analytics for Hyderabad city	Dr. Aruna Malapati	1000000	
29.	Evaluation of novel pharmacological interventions targeted at methy-glyoxal in diabetic cardiomyopathy	Dr. Arti Dhar	1000000	
30.	Development of a new Finite Element Paradigm based on Delaunay meshing of point clouds	Dr. Chandu Parimi	950000	
31.	Mesh generation and related problems	Dr. Tathagatha Ray	900000	
32.	Performance of Building Derived Materials on Bearing Capacity of Soft Soil under Static Loading conditions	Dr. Anasua GuhaRay	920000	
33.	Development and application of an accurate and robust discrete ad joing approach for meshfree methods	Dr. Nemili Anil	850000	

B 3.11 Number of conferences organized by the Institution

BITS Pilani, Pilani Campus

International

1. Bilateral workshop between BITS-Pilani and Tel Aviv university was organized on Nov 21-22,2016

2. Department of Mechanical Engg.conducted 4th Indo-German Workshop on Sustainable Engineering under Indo-German centre for sustainable manufacturing from 17-18 September 2016
3. Department of Chemistry organized International Conference on "Organic Chemistry in Sustainable
4. Development: Recent Advances and Future Challenges (OCSD-2016)" during August 29-30, 2016 (International Conference)
5. An International Conference on Challenges in Drug Discovery and Delivery (ICCD3), Organized by Department of Pharmacy during March 2-4, 2017 (International Conference)
6. Conference on DNA Physics organized by Department of Physics during March 9-11, 2017 (International Conference)
7. 2nd International Conference on 'Evidence Based Management' organized by Department of Management during March 17-18, 2017 (International conference)
8. The workshop on Food Security and Safety was conducted during November 21-22, 2016,
9. The 8th International conference on Intelligent Human Computer Interaction Conference (IHCI-2016), collectively organized by BITS-Pilani, CSIR-CEERI and IIIT Allahabad, jointly held at BITS-Pilani and CSIR-CEERI Pilani on December 12, 2016.

National

1. A National conferene entitled 'BITS conference on Gene and Genome Expression' was organized on 18-20 Februay, 2016.

2. *'Symposium on Sustainable Technology Development in Polymer* (SSTDP-2016)'*, which has been jointly organized by Indian Institute of Chemical Engineers (IIChE)- Pilani Regional Center, Dept. of Chemical Engineering, Birla Institute of Technology and Science, Pilani- Pilani Campus, and Elastomer Technology Development Society (ETDS) during March 11-12th, 2016.

3. Department of Chemistry organized International Conference on "Organic Chemistry in Sustainable Development: Recent Advances and Future Challenges (OCSD-2016)" during August 29-30, 2016.

4. Department of Management conducted a KPMG Six Sigma Certification by Six Sigma Trainer, KPMG where Mr. Pradeep Chittemsetty delivered a talk from Aug. 25-28, 2016

5. Department of Management conducted a Project Management Workshop from Sep. 9-12, 2016 where Mr. K T. Upadhyaya acted as a resource person.

6. Department of Management conducted a Workshop on Financial Modelling from Sep. 23-25,2016 where Mr. Manoj Kumar, Sr Trainer & Asst. Director & Founder, Investment Banking Institute, New Delhi delivered a talk.

7. Department of Management conducted a invited talk on "Make a Difference Journey: Challenges

& Opportunities by Dr. Rajeshwari Narendran, Director, Academy of Human Resource Development on Nov. 3, 2016

8. Department of Management conducted an Orientation workshop on Awesome Firms where Mr. S Venkatesh, Founder, CEO Awesome Firms gave an invited lecture on Nov. 14, 2016

BITS Pilani K. K. Birla Goa Campus

International

1. 2nd Indo- UK International Workshop on Advanced Materials and their Applications in Nanotechnology (AMAN 2016) in collaboration with Univ of Leeds, UK at BITS Pilani, KK Birla Goa campus January 11- 12, 2016.

2. The 4th International Conference on Advanced Oxidation Processes (AOP-2016) was held at BITS Pilani, K K Birla Goa Campus, from 17-20 December 2016. AOP-2016 conference was organized by BITS Goa campus in association with the Society of Environmental Chemistry and Allied Sciences (SECAS)

3. 10th ISDSI International Conference, Dr. Varinder Singh was Program Committee Member, dated 28-30 Dec, 2016

National

1. BIRAC workshop on Bio-Entrepreneurship, grant-writing & intellectual property management BIRAC, BITS Pilani, K K Birla Goa Campus, Key People involved were Dr. Satyaprakash Dash Dr. Shirshendu Mukherjee Dr. Vineeta Jindal   DSTE Goa February 18th and 19, 2016.

2. Symposium on Recent Advancements in Chemical Sciences and RSC Research Scholar Meet-2016 (13th November 2016 at BITS Pilani, KK Birla Goa Campus).

3. BRNS-AEACI Twelfth School on Analytical-Chemistry (SAC-12), organized by Board of Research in Nuclear Sciences (BRNS) and Association of Environmental Analytical Chemistry of India (AEACI) in collaboration with Department of Chemistry, BITS Pilani K K Birla Goa Campus during Nov., 15-22.

4. Conducted Two days Workshop on Environmental Management Systems on 20th-21st October 2016. Coordinator: Prof. S.D. Manjare

5. Workshop on "Essential workflows of ArcGIS Desktop" on 29th-30th November, 2016. Invited resource person- Mr. Sailesh Chintalapudi from *Esri India Technologies Ltd.*, Bangalore.

6. Workshop on Cadence,Mentorgraphics & Synopsys", 06-May-2015 to 20- May- 2016, DSTE, IEEE-Bombay Chapter, DST.

7. National Symposium on Digital Humanities, September 2016 (Coordinators: William Henry Spates, Amitendu Bhattacharya; Participants : 30). Experts : Prof.Sukanta Chaudhury, Prof.Supriya Chaudhuray, Jadavpur University, Kolkata; Dr. Padmini Ray Murray (Srishti Design Institute, Bangalore; Dr. D. Venkat Rao, The English & Foreign Languages University, Hyderabad; Mr.Orijit Sen, Graphic Novelist, Goa

8. Workshop on Film Making and Script Writing, 18-20 March 2016 (Coordinators: Geetha B, Rayson K Alex, Amitendu Bhattacharya) Participants : 45. Experts : Mr.Abhaya Simha, National Award Winning Film Director; Mr.NAM Ismail, Script Writer, Bangalore.

9. Organized a three day national level workshop on "R with Application to Quantitative Finance", August 26-28, 2016, Conveners: Mayank Goel and J K Sahoo. Funded by Department of Mathematics, BITS Pilani K K Birla Goa Campus. Around 35 people from industry/academia participated.

BITS Pilani, Hyderabad Campus

1. Department of Electrical and Electronics Engineering conducted a workshop on Home Automation based on IOT was conducted by experts from National Instruments during ATMOS 2016.

2. Students pre-ATMOS, Department of Electrical and Electronics Engineering conducted a workshop on i-navigate workshop to encourage participation during ATMOS 2016.

3. Department of Electrical and Electronics Engineering conducted an event on Robowars, Quadcopter and law follower during ATMOS 2016.

4. Department of Electrical and Electronics Engineering organized Quark Expo : A competition on making hardware prototypes for various electrical applications during ATMOS 2016 in order to encourage students participation in electrical engineering stream.

5. Department of Physics conducted a Workshop on "Big Data in Astronomy" on 2nd October, 2016. The inaugural lecture in the workshop was given by Prof. Ajit Khembhavi, former Director of Inter University Centre for Astronomy & Astrophysics (IUCAA), Pune. The workshop was organized in collaboration with IUCAA, Pune.

6. Department of Mechanical Engineering organized an International Symposium on Wind Engineering & Wind Energy, 28 Jan 2016

7. Department of Mechanical Engineering organized a One day workshop on Materials Characterization using Electron Backscatter diffraction technique, 14 Mar 2016

8. Department of Mechanical Engineering organized 2nd National Conference on Design and Manufacturing Technologies for Product Life Cycle, 19-20 Mar 2016

9. Department of Mechanical Engineering organized Recent Advances in Manufacturing and Robotics RAMR, 22-23 Apr 2016

10. Department of Mechanical Engineering organized a 3-day workshop on Computational Fluid Dynamics, 11 - 13 Aug 2016

11. Department of Mechanical Engineering organized a One day workshop on Hands on Microcontrollers, 5 Nov 2016

BITS Pilani Dubai Campus

1. AOEE had organized an Ardruino workshop from 15th to 17th of April 2016 by Mr. Talal Sheikh, Assistant Professor Heriot - Watt University Dubai Campus. Dubai. 60 students had actively participated during weekend for the full day.

2. Workshop on MATLAB introduction and basics, Robot Modeling & simulation using SIM MECHANICS was organized during 22-23 March,2016.

3. Prof Pandurangan conducted a 3 day Workshop on Cryptology from 15.03.2016 tp 17.03.2016. This was attended by people form industry and academia include BITS Pilani, Dubai Campus

faculty and students.

4. Workshop on 'Effective Communication for Professional Success' on 17 September 2016. The workshop was attended by industry professional from various organizations. Convener: Dr Mubeena Iqbal, Resource persons: Dr. Mubeena Iqbal, Dr Shazi Shah Jabeen, Dr Lajwanti Kishnani

UNIVERSITY

Pilani

- Prof. Surekha Bhanot conducted KAMLA BHASIN talk on "Gender, Patriarchy, masculinity, are they harmful for men also ?" on April 15-16 under aegis of CCSH and Gender Champions

- Department of Humanities and Social Sciences in association with Teaching Learning Centre (TLC) organized two days National Convention on Current Practices and Future of Classroom Teaching at Higher Education Level during 30 Sep-1 Oct 2016.Funding was generated by registration fee and sponsorship.

- Two days workshop and hands-on training on LC-MS was conducted between 23 to 24th Aug 2016.

- Department of Mechanical Engg.conducted a talk on "Importance of Plastics to Mechanical Engineers: Introduction to Lean Six Sigma" by Mr. Vikram Bhargava,FSPE (International Society of Plastics Engineers) on 2nd February 2016

- Department of Mechanical Engg.conducted a Workshop on Geometric stackup software with experts from Geometric, Bengaluru during First week February 2016

- Department of Mechanical Engg.conducted a talk on " Campus to Corporate Success Mantras for Next Phase " by Mr. ShishirJoshipura, Managing Director & Country Manager, SKF India on 11th April 2016

- Department of Mechanical Engg.conducted a Workshop on Ansys17.0 with experts from Ansys during During Last week April 2016

- Department of Mechanical Engg.conducted a talk on " Future Missions of ISRO " by Dr. A. S. Kiran Kumar, Chairman, ISRO under ASME BITS Pilani Chapter on 23rd August 2016

- Department of Mechanical Engg.conducted a talk on " Packaging & Sustainability: Trends and Future Scope " by Mr. Hari Mohan Kansal, Director, Jindal Group on 10th September 2016

Goa

- Microsoft Azure Discovery Workshop held on 28th and 29th September 2016

- Workshop conducted on High Performance Computing on Monday 14th Nov 2016

- BITS Goa Economics Conclave (12th-13th March 2016)

- One-day workshop on INTRODUCTORY COURSE ON ASME SECTION VIII DIVISION 1 (UNFIRED PRESSURE VESSELS)., Resource Person : Dr. Dipak K Chandiramani (B. Tech. (Hons.), M. Tech. and Ph.D. degrees in Mechanical Engineering IIT Kharagpur) authorized Inspector Supervisor of ASME Certification Mark stamped vessels | Faculty co-coordinators : Dr. PL Ramkumar, Dr. Kiran D Mali dated 10-04-2016

- The department arranged a day long meeting of Physics researchers in Goa on 9th December. The meeting had around 50 participants from institutions in Goa. The keynote address was delivered by Prof. Mandar Deshmukh of TIFR, Mumbai. This was followed by short talk by some of the participants and a poster session by PhD students.

Hyderabad

- Department of Civil Engineering conducted a Workshop on Research Methodology, Centre of Excellence in Water Resources Management from April 11-12, 2016.

- Department of Civil Engineering conducted a Training Programme on Urban Flood Management: Technology Driven Solutions, Centre of Excellence in Water Resources Management from November 20-21, 2015.

- Department of Civil Engineering conducted a Workshop on Integrated Urban Flood Management in Hyderabad: Technology Driven Solutions, Centre of Excellence in Water Resources Management from October 31, 2015.

B 3.16) No. of patents received this year

Summery:

Pilani Campus

Type of Patent		Number
National	Applied	04
	Granted	00
International	Applied	00
	Granted	00
Commercialised	Applied	00
	Granted	00

Goa campus

Type of Patent		Number
National	Applied	**2**
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

Hyderabad campus

Type of Patent		Number
National	Applied	03
	Granted	01
International	Applied	00
	Granted	00
Commercialised	Applied	00
	Granted	00

Details:

BITS Pilani Pilani Campus

S. No.	Name of Inventors	Department	Title	Patent Application Number	Date of Filing	Date of Filing non-provisional
1	**Prof. S. K. Verma, Prof. V. K. Chaubey G. Rajahari**, IC Design Group, CEERI, Pilani **Bose Subhash Chandra**, IC Design Group, CEERI, Pilani	Biological Sciences Electrical and Electronics Engineering, BITS Pilani - Pilani Campus IC Design Group, CEERI, Pilani - 333031	Arsenic Detection System, Method, And Test Kit Thereof	201711024371	-	11th July, 2017
2	**Prof. Singh Shamsher Bahadur**, Munjal Pankaj	Department of Civil Engineering, BITS Pilani - Pilani Campus	System and method of reinforcement of masonry structures using DFRCC sheets	201711014301	-	21st April 2017
3	**Prof. Singh Shamsher Bahadur**, Munjal Pankaj	Department of Civil Engineering, BITS Pilani - Pilani Campus	System and method of reinforcement of masonry structures using FRP laminates	201711014300	-	21st April 2017
4	**Dr. Anupam Singhal, Dr. Rajiv Gupta** and Mr. Arun Nihal Singh	Department of Civil Engineering, BITS Pilani - Pilani Campus.	A formulation for reduction of fluoride and total dissolved solids in water and process for reduction thereof	201711011204	**-**	29th March 2017
5	**Dr. M. S. Soni**; Mr. Nikhil Gakkhar and Mr. Sanjeev Jakhar	Department of Mechanical Engineering, BITS Pilani, Pilani Campus.	A Liquid-Cooled Hybrid Solar Energy Collector	201711010510	24th March, 2017	**-**
6	**Dr. Rajiv Gupta**; Ayub Ahmed; and Gaurav Tyagi	Department of Civil Engineering, BITS Pilani - Pilani Campus	Self Purifying Porous Concrete Filter for stored Rainwater	201611017378	18th May 2016	-
7	**Dr. Raj Kumar Gupta;** Mr. V.P. Devanarayanan and Dr. V. Manjuladevi	Physics	A **novel** opto-mechanical system for measuring surface plasmon resonance	2644/DEL/2014	15th September 2014	-
8	**Prof. Radhakrishnan Mahesh** and Mr. Muthu Venkatesh Sudali	Pharmacy	PDE4 inhibitor compounds for treating anti-depressant and anxiolytic related	1290/DEL/2014	-	May 15, 2014

S. No.	Name of Inventors	Department	Title	Patent Application Number	Date of Filing	Date of Filing non-provisional
			disorders			
9	**Dr. A. K. Das** and Mr. Deepak Pakalapati	Biological Sciences	Oligonucleotides for the detection of Plasmodial sp and an assay thereof	3944/DEL/2012	December 20, 2012	filed December, 2013
10	Vijay Kumar and **Dr. Niti Nipun Sharma**	Mechanical Engineering	Surface Modification for Hafnium Oxide (HfO2) for Microfluidics Applications	2453/DEL/2012	August 6, 2012.	2-Jan-13
11	**Sachin Ulhasrao Belgamwar** and Dr. Niti Nipun Sharma	Mechanical Engineering	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
12	**Dr. A. K. Das** and Narayan Jalan	Biological Sciences	Temperature inducible promoter derived and modified from Enterococcus faecium DJ1 plasmid, and its use in E. coli for production of desired protein	3004/DEL/2010	16-Dec-10	Dec 14, 2011
13	**Dr. Dalip Kumar** and Mr. Gautam Patel	Chemistry	Sulfoximine Derivatives as Anticancer Agents	2973/DEL/2010	13 Dec-2010.	December 8, 2011
14	**Prof. S. K. Verma**	Biological Sciences	Rapid Non-Enzymatic process for the reduction of Chromium (III) by the NOSTOC CALCICOLA immobilized on Silica Gel	582/DEL/2008	March 10, 2008	March 4, 2009

BITS faculty Goa Campus

1.	Deshmukh Ketaki Ramesh; Dr. Kowshik Meenal and Ramanan Sutapa Roy	Biological Sciences (KK Birla Goa Campus)	A method of forming nanovehicle plasmid DNA complex for bacterial transformation	1529/MUM/2013
2.	Dr. Chakrabarty Dibakar; Baveja Mansi; Pereira Clarice Geneviv; Chanda Chandrasekhar; Rastogi Akriti and Pathan Jigni Sayeda	Biological Sciences (KK Birla Goa Campus)	An *in vitro* spectrophotometric assay method for sequentially measuring formation of a fibrn clot and fibrinolysis activity	1370/MUM/2013
3.	Anant Kamath; Kratarth Goel; Raunaq Vohra and Dr. Veeky Baths	Biological Sciences (KK Birla Goa Campus)	A brain controlled device automation and control system	2643/DEL/2014
4.	Dr. Shalini Upadhyay	Humanities and Social Sciences (KK Birla Goa Campus)	Method and System for Generating Spiritual Intelligence and Research Performance Indices	264/Mum/ 2013
5.	Pravin Singru; Appurv Gupta; Meet Kalola; Ankit Bana	BITS Pilani	Human powered multipurpose machine	201611017379
6.	Halan Prakash; Parakh Priyadarshini; Subramanian Gokulakrishnan ; Prasad Panzade	BITS Pilani	A bactericidal composition and a method for disinfecting water under visible light irradiation	201611017381
7.	Pravin Singru; Appurv Gupta; Meet Kalola; Ankit Bana	BITS Pilani	An Endotracheal Tube For Measuring Endotracheal Pressure	201711011547
8.	Halan Prakash; Parakh Priyadarshini; Subramanian Gokulakrishnan ; Prasad Panzade	BITS Pilani	A Bactericidal Composition for Disinfecting Water	201711009974

ii. Patent applications filed under sponsored projects with collaborators

S.No.	Name of Inventors	Department	Title	Patent Application Number	PCT International
9.	Bhand Sunil, Pal Souvik	Department of Chemistry (KK Birla Goa Campus)	A biosensor kit for detection and analysis of chemical pollutants,	3456/MUM/2013	Not applied
10.	Bhand Sunil, Chandra Sudhir, Pandya Hardik, Bacher Gautam & Kanungo Lizy	Department of Chemistry (KK Birla Goa Campus) and CARE IIT Delhi	Device for Analysis of Mycotoxins	1203/MUM/2013	CT/IN2014/000176, UK Patent application 1517725.6
11.	Bhand Sunil, Chandra Sudhir, Pandya Hardik, Tiwari Ruchi, Mishra Rupesh Kumar	Department of Chemistry (KK Birla Goa Campus) and CARE IIT Delhi	Analyte Sensor Chips	933/MUM/2012	PCT/IN2013/000205, Date of Filing: 28 March 2013 US Patent Application **20150290612**

S.No.	Name of Inventors	Department	Title	Patent Application Number	PCT International
					(2015)
12.	K.R. Anupama	EEE&I (Kk Birla Goa Campus)	Design and Development of condition based monitoring of Pipelines using Wireless sensor Networks	GAIL Project	Indian Patent filed No awaited

iii. Patent applications filed through BITS Pilani in joint ownership with collaborator

13.	Prof. Sunil Bhand and Mr. Souvik Pal (scholar) Dr. VK Suri, Dr. Arvind Joshi, Dr. Mansi Thakur	Department of Chemistry (KK Birla Goa Campus) and PED, BARC MGM Mumbai	A micro-trench based biochip device for screening of infectious diseases using Gold nano-particles / nano-coating	3620/MUM/2015 dated 23-Sep-2015	

BITS Pilani Hyderabad Campus

i.   Patent Applications filed through BITS Pilani under sole ownership of BITS, Pilani

S.No.	Name of Inventors	Department	Title	Patent Application Number
1.	Yogeeswari Perumal; Sriram Dharmarajan; MadhuBabu Battu	Department of Pharmacy (Hyderabad Campus)	A compound for treating inflammatory neuropathic pain and cancer	2945/DEL/2014
2.	Dr. Suman Kapur	Department of Biological Sciences (Hyderabad Campus)	A portable apparatus, a ready to use kit and a process for rapid detection of pathogens and its susceptibility levels to antimicrobial agents in a fluid sample	2783/DEL/2013
3.	Dr. Perumal Yogeeswari; Dr. Dharmarajan Sriram; Anantaraju Hasitha Shilpa and Medapi Brahamam	Pharmacy (Hyderabad Campus)	Cathepsin D Inhibitors and compositions thereof for treating breast cancer	1763/DEL/2015
4.	Dr. Suman Kapur	Department of Biological Sciences (Hyderabad Campus)	Medical Instrument used detecting growth of pathogens and its susceptibility levels to antimicrobial agents in a fluid sample	267834
5.	Dr. Vamsi Venuganti and Shubhmita Bhatnagar,	Department of Pharmacy (Hyderabad Campus)	Zein based micro needle array for transcutaneous delivery of drugs, vaccines and other agents	201611017380
6.	Dr. Balaji Gopalan, Dr. Ramkrishnan Ganesan; Nalluri Srinivasa Rao; Ravikiran Nagarjuna	Department of Chemistry (Hyderabad Campus)	A method for preparing core-shells nanoparticles	201611017377
7.	Dr. Anasua Guharay, Dr. Arkamitra Kar, Shashank Gupta	Department of Civil Engineering (Hyderabad Campus)	Treatment process for cellulose based geotextile and geotextile obtained therefrom	201711033016
8.	Dr. Swati Biswas, Dr. Balram Ghosh, Sri Vishnu Kiran Rompicharla, Prakruti Trivedi	Department of Pharmacy (Hyderabad Campus)	A chemotherapeutic composition for treating malignant tumors and method for preparing the same	201711028012
9.	Dr. Swati Biswas, Dr. Balram Ghosh, Onkara Swamy Muddineti	Department of Pharmacy (Hyderabad Campus)	A Nano-Micellar composition for drug delivery and method of preparing the same	201711016379
10.	Dr. Sanket Goel, S. B. Puneeth	Department of Electrical and Electronics Engineering	A system for measuring viscosity and method thereof	201711031122

ii.   Patent applications filed under sponsored projects with collaborators

S.No.	Name of Inventors	Department	Title	Patent Application Number	PCT International
1.	Dr. Suman Kapur	Biological Sciences (Hyderabad Campus)	Low Cost Point of Care Device for the detection of blood glucose levels,	Indian Patent application No. 1646/DEL/2014	a No. PCT/IN2015/000251
2.	Yogeeswari, P.,Sriram, D., Kumar, A.S.K. et al.,	Pharmacy (Hyderabad Campus)	Novel N-Spiro substituted compounds.	Indian Patent 263536 (Granted on 5th Nov 2014)	
3.	Saketh, D.V.S., Srikanth, V., Yogeeswari, P., Sriram, D.,	Pharmacy (Hyderabad Campus)	Novel compounds as modulators of AKT.	No. 707/CHE/2014 (13/11/2014)	
4.	Vinay K. Nadicoori, Vijay S., Yogeeswari, P., Sriram, D	Pharmacy (Hyderabad Campus)	Novel compounds with antitubercular potential	3167/DEL/2015	
5.	V. Venkat Ramayya, V. Vinayaka Ram, S. Krishnaiah	Civil (Hyderabad Campus)	Measurment of viscosity of bituminous binders in rotational mode through indirect measurment of torque	4414/CHE/2015	

B 3.18) List of Faculty as Ph.D. guide and list of PhD students under them

S.No.	Dept	Name of supervisor	S.No.	Dept	Name of supervisor
1	Biological Sciences	Prof. Suman Kapur	24	Biological Sciences	Sandhya Mehrotra
2	Biological Sciences	Dr.Rajiv Raman	25	Biological Sciences	Sanjeev Kumar
3	Biological Sciences	Dr. Vidya Rajesh	26	Biological Sciences	Uma Dubey
4	Biological Sciences	Dr.Anasuya Ganuly	27	Biological Sciences	Dr. Veeky Baths
5	Biological Sciences	Dr. Ramakrishna Vadrevu	28	Biological Sciences	Prof. S. Swaminathan
6	Biological Sciences	Ashis Kumar Das	29	Biological Sciences	Dr. Anasuya Gangully
7	Biological Sciences	Dr. Utpal Roy	30	Biological Sciences	Dr. Kundan Kumar
8	Biological Sciences	Dr. Dibakar Chakrabarty	31	Biological Sciences	Dr. Malabika Biswas
9	Biological Sciences	Dr. Jayati Ray Datta	32	Biological Sciences	Rajdeep Chowdhury
10	Biological Sciences	Dr. Sankar Ganesh P	33	Biological Sciences	Dr. Nagamohan
11	Biological Sciences	Dr.Angshuman Sarkar	34	Biological Sciences	Dr. M. Srikanth
12	Biological Sciences	Dr.Meenal Kowshik	35	Biological Sciences	Rajesh Mehrotra
13	Biological Sciences	Dr. Meenal Kowshik	36	Biological Sciences	Sanjay Kumar Verma
14	Biological Sciences	Dr. N. Soumitra	37	Biological Sciences	Dr. Kumar Pranav narayan
15	Biological Sciences	Dr.Vijayashree Nayak	38	Biological Sciences	Dr. Arnab Banerjee
16	Biological Sciences	Lalita Gupta	39	Biological Sciences	Dr. Raviprasad Aduri
17	Biological Sciences	Shibasish Chowdhury	40	Biological Sciences	Dr. Vijayshree nayak
18	Biological Sciences	Dr. A. Sarkar	41	Biological Sciences	Dr. Indrani Talukdar
19	Biological Sciences	Dr. Judith Braganca	42	Biological Sciences	Prabhat Nath Jha
20	Biological Sciences	Dr. Sumit Biswas	43	Biological Sciences	To be approved
21	Biological Sciences	Dr.Anasuya Gangully	44	Biological Sciences	Prof. Ramakrishna Vadrevu
22	Biological Sciences	B Vani	45	Biological Sciences	Dr. Sukanta Mondal
23	Biological Sciences	Dr. Sridev Mohapatra	46	Biological Sciences	Dr. Utpal Roy

S.No.	Dept	Name of supervisor	S.No.	Dept	Name of supervisor
47	Biological Sciences	Dr. Vijayashree Nayak	74	Chemical Engineering	Dr. Manjari kumar
48	Biological Sciences	Dr. Vivek Sharma	75	Chemical Engineering	Dr. Sutapa Roy Ramanan
49	Biological Sciences	Dr. Gireesha Mohannath	76	Chemical Engineering	Dr. Richa Singhal
50	Biological Sciences	Vishal Saxena	77	Chemical Engineering	Dr. S.S.Baral
51	Biological Sciences	Pankaj Sharma	78	Chemical Engineering	Smita Raghuvanshi
52	Biological Sciences	Poonam Salotra	79	Chemical Engineering	Suresh Gupta
53	Biological Sciences	Sunita Saxena	80	Chemical Engineering	Banashree Roy
54	Biological Sciences	Jitendra Panwar	81	Chemical Engineering	Arvind Kumar Sharma
55	Biotechnology	Dr. Shoaib Ismail	82	Chemical Engineering	Amit Jain
56	Biotechnology	Dr. Neeru Sood	83	Chemistry	Dr. Reshmi Chauan
57	Chemical Engineering	Dr. I Sreedhar	84	Chemistry	Saumi Ray
58	Chemical Engineering	P N Seth	85	Chemistry	Dr. K V G Chandrasekhar
59	Chemical Engineering	Dr. Asma Ahmed	86	Chemistry	Dr. R. N. Behera
60	Chemical Engineering	Dr. Ramesh Babu Adusumalli	87	Chemistry	Dr. Subhas Ghosal
61	Chemical Engineering	Dr. Srinivas Krishnaswamy	88	Chemistry	Dr. Anupam Bhattacharya
62	Chemical Engineering	Dr.Srikanta Dinda	89	Chemistry	Dr. Balaji Gopalan
63	Chemical Engineering	Dr. S. S. Baral	90	Chemistry	Dr. Sumithra
64	Chemical Engineering	Dr. Balaji Krishna Murthy	91	Chemistry	Dr.R. N. Panda
65	Chemical Engineering	Dr. Kartik Chetan	92	Chemistry	Anil Kumar
66	Chemical Engineering	Pradipta Chattopadhyay	93	Chemistry	Dalip Kumar
67	Chemical Engineering	Dr. Purnima D	94	Chemistry	Dr. Sunil Bhand
68	Chemical Engineering	Dr. Asima Saukat	95	Chemistry	Indresh Kumar
69	Chemical Engineering	Dr. S. D. Manjare	96	Chemistry	Madhshree Sarkar
70	Chemical Engineering	Dr. S S Baral	97	Chemistry	Paritosh Shukla
71	Chemical Engineering	Dr. Srikanta Dinda	98	Chemistry	Prashant U. Manohar
72	Chemical Engineering	Dr. Karthik Chethan	99	Chemistry	Rajeev Sakhuja
73	Chemical Engineering	Dr. Jegatha K	100	Chemistry	Prof. N Rajesh
			101	Chemistry	Dr. Amrita Chatterjee
			102	Chemistry	Dr. N. N. Ghosh
			103	Chemistry	Dr. P. Bhavana
			104	Chemistry	Dr. R. N. Panda
			105	Chemistry	Dr.Ranjan Dey
			106	Chemistry	Dr. Sounak Roy
			107	Chemistry	Dr. Amit Nag
			108	Chemistry	Dr. Manab Chakravarthy
			109	Chemistry	Dr. Ramakrishna

S.No.	Dept	Name of supervisor
		Ganesan
110	Chemistry	Dr. Mainak Banerjee
111	Chemistry	Ramkinkar Roy
112	Chemistry	Shamik Chakraborty
113	Chemistry	Dr. Durba Roy
114	Chemistry	Dr. N N Ghosh
115	Chemistry	Dr. Subhadip Banerjee
116	Chemistry	Prof. Manab Chakravarty
117	Chemistry	Dr. Ranjan Deay
118	Chemistry	Dr. Ravi Gomatham
119	Chemistry	Dr. R. Krishnan
120	Chemistry	Dr Nishant P
121	Chemistry	Dr. Anjan Chattopadhyay
122	Chemistry	Dr. Mainak Banerjee
123	Chemistry	Prof. Subbalakshmi
124	Chemistry	Bharti Kungar
125	Chemistry	Inamur R Laskar
126	Chemistry	S C Sivasubramanian
127	Chemistry	Surojit Pande
128	Chemistry	Subit Kumar Saha
129	Chemistry	Ajay Kumar Sah
130	Chemistry	Bibhas Ranjan Sarkar
131	Civil Engineering	S B Singh
132	Civil Engineering	Dr. Murari R R Varma
133	Civil Engineering	Prof V.R.Vinayaka Ram
134	Civil Engineering	Dr. M. V. N. Sivakumar
135	Civil Engineering	Prof.P.N.K.Rao
136	Civil Engineering	Ajit Pratap Singh
137	Civil Engineering	Dipendu Bhunia
138	Civil Engineering	Prof.K.S. Raju
139	Civil Engineering	Anshuman
140	Civil Engineering	Dr. Rajitha
141	Civil Engineering	Dr. Arkamitra Kar
142	Civil Engineering	Dr. Chandu Parimi
143	Civil Engineering	Dr. Anasua GuhaRay
144	Civil Engineering	Dr. Mohan S.C
145	Civil Engineering	Prof. K.S. Raju
146	Civil Engineering	Prof. Sridhar Raju
147	Civil Engineering	Prof. A. Vasan

S.No.	Dept	Name of supervisor
148	Civil Engineering	Anupam Singhal
149	Civil Engineering	A K Sarkar
150	Civil Engineering	Manoj Kumar
151	Civil Engineering	Rajiv Gupta
152	Civil Engineering	Amit Goel
153	Civil Engineering	Ravi Kant Mittal
154	Civil Engineering	Shibani K. Jha
155	Civil Engineering	Shuvendu Patel
156	Civil Engineering	Prasanta Kumar Sahoo
157	Civil Engineering	Dr. Bahurudeen A
158	Computer Science and Information Systems	V K Chaubey
159	Computer Science and Information Systems	Dr. S. K. Sahay
160	Computer Science and Information Systems	Dr. Aruna Malapati
161	Computer Science and Information Systems	Dr. Lucy Gudino
162	Computer Science and Information Systems	Dr. N.L.Bhanu Murthy
163	Computer Science and Information Systems	Prof. C R Hota
164	Computer Science and Information Systems	Rahul Banerjee
165	Computer Science and Information Systems	Dr. Biju. K .Raviendran
166	Computer Science and Information Systems	Dr. Biju K. Raveendran
167	Computer Science and Information Systems	Dr.K. R. Anupama
168	Computer Science and Information Systems	Dr. M. Madiajagan
169	Computer Science and Information Systems	Dr. R. K. Mittal
170	Computer Science and Information Systems	Dr. Gururaj
171	Computer Science and Information Systems	Dr. Thatagata Ray

S.No.	Dept	Name of supervisor	S.No.	Dept	Name of supervisor
172	Computer Science and Information Systems	Dr. B. Vijayakumar	190	Computer Science and Information Systems	Dr. Ashwin Srinivasan
173	Computer Science and Information Systems	Navneet Goyal	191	Computer Science and Information Systems	Dr. Debasish Das
174	Computer Science and Information Systems	Poonam Goyal	192	Computer Science and Information Systems	Dr. Ramprasad Joshi
175	Computer Science and Information Systems	Dr. Geetha Kumari	193	Computer Science and Information Systems	Sanjay Goel
176	Computer Science and Information Systems	Dr. Neena Goveas	194	Computer Science and Information Systems	Mukesh Kumar Rohil
177	Computer Science and Information Systems	Dr. S. Vadivel	195	Computer Science and Information Systems	Yashvardhan Sharma
178	Computer Science and Information Systems	Dr. Sujala D. Shetty	196	Computer Science and Information Systems	K Haribabu
179	Computer Science and Information Systems	Dr. Biju K Raveendran	197	Computer Science and Information Systems	Dr. Sudeepta Mishra
180	Computer Science and Information Systems	Dr. Hemant Pande	198	Economics & Finance	Prof. Niranjan Swain
181	Computer Science and Information Systems	Dr. Santanu Sarkar	199	Economics & Finance	Dr. Mirdula Goel
182	Computer Science and Information Systems	Dr. Anand N Murthy	200	Economics & Finance	Dr. Aswin Kumar Mishra
183	Computer Science and Information Systems	Dr. Sanjay K Sahay	201	Economics & Finance	Dr. Debasis Patnaik
184	Computer Science and Information Systems	Dr. Suvadip Batabyal	202	Economics & Finance	A K Giri
185	Computer Science and Information Systems	Dr. Barsha Mitra	203	Economics & Finance	Arya Kumar
186	Computer Science and Information Systems	Dr. Subhrakanta Panda	204	Economics & Finance	Dr. V. V. S.N. V. Prasad
187	Computer Science and Information Systems	Dr. Bharat Deshpande	205	Economics & Finance	Dr. Sudatta Banerjee
188	Computer Science and Information Systems	Dr. S. Vadivel(Mentor)	206	Economics & Finance	N V Muralidhar Rao
189	Computer Science and Information Systems	Dr. Siddhaling Urolagin(Mentor)	207	Economics & Finance	Yet to be decided
			208	Economics & Finance	Prof. Vijay Marisetty
			209	Economics & Finance	Dr. Durgesh Chandra Pathak
			210	Economics & Finance	Dr. Nagaraju Thota
			211	Economics & Finance	Dr. Anoop Kumar
			212	Economics &	Dr. Anoop S Kumar

S.No.	Dept	Name of supervisor
	Finance	
213	Economics & Finance	Dr. Rajorshi Sen Gupta
214	Economics & Finance	Dr. Swati Alok
215	Economics & Finance	Dr. Archana Srivastava
216	Economics & Finance	M Krishna
217	Economics & Finance	Dr. Hussain Yaganti
218	Economics & Finance	Dr. Rishi Kumar
219	Electrical & Electronics Engineering	Dr. A. B. Chattopadyay
220	Electrical & Electronics Engineering	Dr. Anand Kumar
221	Electrical & Electronics Engineering	Dr. Jagadish Nayak
222	Electrical & Electronics Engineering	Dr. Sunil Thomas
223	Electrical & Electronics Engineering	Dr . Mary Lourde R
224	Electrical & Electronics Engineering	Dr. Mary Lourde R
225	Electrical & Electronics Engineering	Dr Abdul Rajak(Mentor)
226	Electrical and Electronics Engineering	Biju K Joseph
227	Electrical and Electronics Engineering	Dr. BVVSN Prabhakar Rao
228	Electrical and Electronics Engineering	Prof. M B Srinivas
229	Electrical and Electronics Engineering	Dr. Alivelu Manga Parimi
230	Electrical and Electronics Engineering	Prof. Yoganandam
231	Electrical and Electronics Engineering	Dr. K M M Rao
232	Electrical and Electronics	Anu Gupta

S.No.	Dept	Name of supervisor
	Engineering	
233	Electrical and Electronics Engineering	Dr. S.K. Sahoo
234	Electrical and Electronics Engineering	Karunesh Kr. Gupta
235	Electrical and Electronics Engineering	S Gurunarayanan
236	Electrical and Electronics Engineering	Dr. K. R. Anupama
237	Electrical and Electronics Engineering	Prof. Sanket Goel
238	Electrical and Electronics Engineering	Dr. Anita Agrawal
239	Electrical and Electronics Engineering	Dr. C. K. Ramesha
240	Electrical and Electronics Engineering	Dr. P K Pattnaik
241	Electrical and Electronics Engineering	Dr. Amlin Prince
242	Electrical and Electronics Engineering	Dr. M. K. Deshmukh
243	Electrical and Electronics Engineering	Rahul Singhal
244	Electrical and Electronics Engineering	Dr Nitin Sharma
245	Electrical and Electronics Engineering	Hari Om Bansal
246	Electrical and Electronics Engineering	Navneet Gupta
247	Electrical and Electronics Engineering	Dr. Sumit Kumar Chatterjee
248	Electrical and Electronics Engineering	Dr. Dipankar Pal
249	Electrical and Electronics Engineering	Dr. Nitin Sharma
250	Electrical and Electronics	Dheerendra Singh

S.No.	Dept	Name of supervisor
	Engineering	
251	Electrical and Electronics Engineering	Dr. Surya Sahnkar Dan
252	Electrical and Electronics Engineering	Dr. Runa Kumari
253	Electrical and Electronics Engineering	Dr. S R Zinka
254	Electrical and Electronics Engineering	Dr. Souvik Kundu
255	Electrical and Electronics Engineering	Arnab Hazra
256	Electrical and Electronics Engineering	Dr. Narayan Manjarekar
257	Electrical and Electronics Engineering	Dr. Raghurama G
258	Electrical and Electronics Engineering	Solomon Raju Kota
259	Electrical and Electronics Engineering	Dr. Soumya J
260	Electrical and Electronics Engineering	Dr. S K Sahoo
261	Electrical and Electronics Engineering	Rajneesh Kumar
262	Electrical and Electronics Engineering	Surekha Bhanot
263	Electrical and Electronics Engineering	Dr. Saroj Mondal
264	Electrical and Electronics Engineering	Dr. Mithun Mondal
265	Electrical and Electronics Engineering	Hitesh Datt Mathur
266	Electrical and Electronics Engineering	Pawan K Ajmera
267	Electrical and Electronics Engineering	Pravin Kumar A V
268	Electrical and Electronics	Anantha Krishna Chintapalli

S.No.	Dept	Name of supervisor
	Engineering	
269	Humanities & Social Sciences	Dr. M G Prasuna
270	Humanities & Social Sciences	Sanjiv Kumar Chaudhary
271	Humanities & Social Sciences	Umesh Dhyani
272	Humanities & Social Sciences	G Harikrishnan Nair
273	Humanities & Social Sciences	Geetha B
274	Humanities & Social Sciences	Dr. K. Geetha
275	Humanities & Social Sciences	Dr. Reena Chervalath
276	Humanities & Social Sciences	Dr. Pushkar
277	Humanities & Social Sciences	Dr. Shalini Upadhyay
278	Humanities & Social Sciences	Pushp Lata
279	Humanities & Social Sciences	Virendra Singh Nirban
280	Humanities & Social Sciences	Dr. R. P. Pradhan
281	Humanities & Social Sciences	Dr. Srinivas Rao
282	Humanities & Social Sciences	Prof. Sunny Jose
283	Humanities & Social Sciences	Dr Maya Vinai
284	Humanities & Social Sciences	Dr. R.P.Pradhan
285	Humanities & Social Sciences	Dr.Geetha B
286	Humanities & Social Sciences	Prof. Sunny Joseph
287	Humanities & Social Sciences	Dr. Santosh Mahapatra
288	Humanities & Social Sciences	Prof. Arup Maharatna
289	Humanities & Social Sciences	Dr. Nilak Datta
290	Humanities & Social Sciences	Dr.Shazi Shah Jabeen& Dr Srinivas Rao (co Supervisor)
291	Humanities & Social Sciences	Dr Shazi Shah jabeen(mentor)
292	Humanities & Social Sciences	Susheela Shekhawat
293	Humanities & Social Sciences	Kumar Sankar Bhattacharya

S.No.	Dept	Name of supervisor
294	Humanities & Social Sciences	Dr. Aruna Lolla
295	Humanities & Social Sciences	Prof. M G Prasuna
296	Management	Kanhaiya Singh
297	Management	Debasis Mallik
298	Management	Anil Bhat
299	Management	Satyendra Kumar Sharma
300	Management	Anubha Dadhich
301	Management	Udyan Chanda
302	Management	R Raghunathan
303	Management	Meenakshi Malhotra
304	Management	Leela Rani
305	Management	Sarvesh Sathija
306	Management	Ranjan Banerjee
307	Management	Sunil Lakdawala
308	Management	Jyoti
309	Management	Sunil Chandy
310	Mathematics	Dr. Amit sethia
311	Mathematics	Dr. Ramu
312	Mathematics	Dr. P. Dhanumjaya
313	Mathematics	Dr. Tarkeshwar Singh
314	Mathematics	Bhupendra Sharma
315	Mathematics	Dr. Bivudutta Mishra
316	Mathematics	Dr. Manoj Kumar Pandey
317	Mathematics	Chandrasekhar
318	Mathematics	Dr. Jajati Keshari Sahoo
319	Mathematics	Dr. P. K Sahoo
320	Mathematics	Devinder Kumar
321	Mathematics	Prof. Ramu
322	Mathematics	Dr. Manish Kumar
323	Mathematics	D. Manoj Kr. Pandey
324	Mathematics	Dr. G. C. Samanta
325	Mathematics	Dr. Kishore Kumar
326	Mathematics	Dr.K.Venkata Ratnam
327	Mathematics	Dr. Sumit Kumar Vishwakarma
328	Mathematics	Dr. Anil Pundir
329	Mathematics	Dr. Himadri Mukharjee
330	Mathematics	Dr. Mayank Goel
331	Mathematics	P H Keskar

S.No.	Dept	Name of supervisor
332	Mathematics	Ashish Tiwari
333	Mathematics	Trilok Mathur
334	Mathematics	Dr. T S L Radhika
335	Mathematics	Dr. P T V Praveen Kumar
336	Mechanical Engineering	Dr. Jeevan Jaidi
337	Mechanical Engineering	N N Sharma
338	Mechanical Engineering	Manojkumar S Soni
339	Mechanical Engineering	Prof. Srinivasa Prakash Regalla
340	Mechanical Engineering	Prof. Y V D Rao
341	Mechanical Engineering	Prof. N. Suresh Kumar Reddy
342	Mechanical Engineering	Bijay Kumar Rout
343	Mechanical Engineering	Dr. N. Saravanan
344	Mechanical Engineering	Dr. S S Deshmukh
345	Mechanical Engineering	Dr. C.P . Kiran
346	Mechanical Engineering	Dr. M. Srinivas
347	Mechanical Engineering	Dr. G. Karthikeyan
348	Mechanical Engineering	Dr. Ranjit Patil
349	Mechanical Engineering	Dr. Vikas Choudhari
350	Mechanical Engineering	Kuldip Singh Sangwan
351	Mechanical Engineering	Sharad Shrivastava
352	Mechanical Engineering	Srikanta Routroy
353	Mechanical Engineering	Dr. Ram Karthikeyan
354	Mechanical Engineering	Ravi Inder Singh
355	Mechanical Engineering	Shyam Sundar Yadav
356	Mechanical Engineering	Prof. Amit Kumar Gupta
357	Mechanical Engineering	Dr. Satish Kumar Dubey
358	Mechanical Engineering	Dr. Parameswaran
359	Mechanical	R Udaya Kumar

S.No.	Dept	Name of supervisor	S.No.	Dept	Name of supervisor
	Engineering			Engineering	
360	Mechanical Engineering	Dr. C. Perisamay	386	Mechanical Engineering	Dr. Arshad Javed
361	Mechanical Engineering	Dr. Pravin M Singru	387	Mechanical Engineering	Dr. R. Parameshwaran
362	Mechanical Engineering	Dr. R. Udayakumar	388	Mechanical Engineering	Dr. Siva Prasad AVS
363	Mechanical Engineering	Dr. Varinder Singh	389	Mechanical Engineering	Dr. Santanu Prasad Datta
364	Mechanical Engineering	Dr. Amrita Priyadarshini	390	Pharmacy	Dr. Raviraj Pillai
365	Mechanical Engineering	Dr. Nitin Ramesh Kotkunde	391	Pharmacy	Prof. P.Yogeeswari
366	Mechanical Engineering	Dr. C P Kiran	392	Pharmacy	Prof. Punna Rao
367	Mechanical Engineering	Dr. Sabareesh G	393	Pharmacy	Prof. A. Sajeli Begum
368	Mechanical Engineering	Dr. Supradeepan K	394	Pharmacy	R Mahesh
369	Mechanical Engineering	Dr. Pavan Kumar	395	Pharmacy	Ranendra N Saha
370	Mechanical Engineering	Dr. Kurra Suresh	396	Pharmacy	Anil Gaikwad
			397	Pharmacy	Anookh Mohanan
371	Mechanical Engineering	Dr. Sujith R	398	Pharmacy	Hemant Jadhav
			399	Pharmacy	S. Murugesan
372	Mechanical Engineering	Dr Shashank Khurana	400	Pharmacy	Dr.Balaram Ghosh
373	Mechanical Engineering	Dr. Kiran Mali	401	Pharmacy	Dr. Swati Biswas
374	Mechanical Engineering	Dr. Vishal G Naranje	402	Pharmacy	Dr. Vamsi Krishna Venuganti
375	Mechanical Engineering	Dr. N. Jalaiah	403	Pharmacy	Prof. D Sriram
			404	Pharmacy	Rajeev Taliyan
376	Mechanical Engineering	Dr. K R C Murthy	405	Pharmacy	Dr. Arti Bhar
377	Mechanical Engineering	Dr. Gaurav Singh	406	Pharmacy	Dr. Shrikant Charde
			407	Pharmacy	Anupama Mittal
378	Mechanical Engineering	Dr. P.M.Singru	408	Pharmacy	Atish Paul
379	Mechanical Engineering	Dr. Sachin Waigaonakr	409	Pharmacy	Deepal Chitkara
380	Mechanical Engineering	Dr. Shibu Clement	410	Pharmacy	Sunil Kumar Dubey
			411	Pharmacy	Dr. Onkar Kulkarni
381	Mechanical Engineering	Mani Shankar Dasgupta	412	Pharmacy	Dr. Balaram Ghosh
			413	Pharmacy	Dr. Punna Rao
382	Mechanical Engineering	Rajesh Prasad Mishra	414	Physics	Prof. Souri Banerjee
			415	Physics	Dr. P. Nanda Kumar
383	Mechanical Engineering	Tufan Chand Bera	416	Physics	Dr. Meenakshi Viswanathan
384	Mechanical Engineering	Arun Kumar Jalan	417	Physics	Dr. Prasanta Kumar Das
			418	Physics	Dr. Sarmistha Banik
385	Mechanical	Murali Palla	419	Physics	Dr. Rahul Nigam
			420	Physics	Dr. Sashideep Gutti
			421	Physics	Dr. Arun V Kulkarni
			422	Physics	Dr. Kannan Ramaswamy
			423	Physics	Dr. P. Nandakumar

S.No.	Dept	Name of supervisor	S.No.	Dept	Name of supervisor
424	Physics	Dr. Ramsankar Patil	434	Physics	Dr. Harihara Venkatraman
425	Physics	Dr. Satyanaraya Murthy	435	Physics	Dr. E S Kannan
426	Physics	Dr. Sunilkumar V	436	Physics	S Sindhu
427	Physics	Dr. Teny Theresa John	437	Physics	Tapomoy Guha Sarker
428	Physics	Amol Holkundkar	438	Physics	Jayendra Nath Bandyopadhyay
429	Physics	Dr. Tarun Kumar Jha	439	Physics	Madhukar Mishra
430	Physics	Subhashis Gangopadhyay	440	Physics	Rishikesh Vaidya
431	Physics	Biswanath Layek	441	Physics	Raj Kumar Gupta
432	Physics	Navin Singh	442	Physics	Prof. Kannan Ramaswamy
433	Physics	Dr. Arvind Raghavan			

B 3.18) List of Faculty as Ph.D. guide and list of PhD students under them

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
1	Biological Sciences	Prof. Suman Kapur	Anuradha Pal	2007PHXF0422H	Impact of Functional Mutations of OPRM1 Gene on Immune Cell Function/s	NA
2	Biological Sciences	Prof. Suman Kapur	Anuradha Pal	2007PHXF0422H	Impact of Functional Mutations of OPRM1 Gene on Immune Cell Function/s	NA
3	Biological Sciences	Dr. Judith Braganca	Deepthi Das	2010PH290008G	Screening and Characterization of Hydrolytic Enzymes from Halophilic Archaea	CSIR SRF
4	Biological Sciences	Dr. Dibakar Chakrabarty	Mansi Baveja	2010PH290405G	Study of Hemotoxic and Cytotoxic Agents from Sea Star (Starfish) Coelomic Fluid (SCF)	Project-DST
5	Biological Sciences	Ashis Kumar Das	Isha Pandey	2010PHXF0413P	Transcriptome Profiling, Network Analysis and Characterization of Proteins of Plasmodium falciparum and Plasmodium vivax	NA
6	Biological Sciences	Dr. Vidya Rajesh	Manasi	2010PHXF0432H	Isolation, Chracterization and application of indigenous microbial Consortia for the removal of heavy metals from electronic effluents	NA
7	Biological Sciences	Dr. Utpal Roy	Gautam Krishnan	2010PHXF0813G	Cloning and expression of Key antigenic proteins of pathogenic microorganisms: special focus on mycobacterial family	NA
8	Biological Sciences	Dr.Meenal Kowshik	Pallavee Srivastava	2011PHXF0002G	Biological Synthesis of Metallic and Metal Sulfide Nanoparticles using Halophilic Archaea and Bacteria	NA
9	Biological Sciences	Prof. Suman Kapur	Rupak Kumar	2011PHXF0002H	Biological Approaches for Treating Industrial	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Effluents containing Morpholine.	
10	Biological Sciences	Prof. Suman Kapur	Madhu Rani Bharati	2011PHXF0003H	Evaluation of saponins from Indian plants for their Use as Vaccine Adjuvant	NA
11	Biological Sciences	Dr. Utpal Roy	R.Ramya	2011PHXF0005G	Biochemical and genetic characterization of a broad spectrum antimicrobial compound from a wild type bacillus sp	CSIR SRF
12	Biological Sciences	Dr. Jayati Ray Datta	Venkata Harini Kema	2011PHXF0005H	Impact of chronic ethanol exposure on hormonal activity of adipose tissue	UGC SRF
13	Biological Sciences	Dr. Dibakar Chakrabarty	Jigni	2011PHXF0006G	Molecular analysis and modulation of anti-cancer effects of Russell's viper venom on human cells cultured in vitro	NA
14	Biological Sciences	Dr. Sankar Ganesh P	Bitragunta Siva Prasad	2011PHXF0006H	Nano (eco) toxicology and metabonomics	NA
15	Biological Sciences	Dr.Angshuman Sarkar	Geethanjali Ravindran	2011PHXF0007G	Study of the Effects of Cadmium Toxicity on Regulation of Small GTPases, HSP70 and Apoptosis in Human Alveolar Cells	NA
16	Biological Sciences	Vishal Saxena	Pala Zarna Rajeshkumar	2011PHXF0010P	Characterization of putative and hypothetical proteins targeted to the apicoplast in Plasmodium spp.	NA
17	Biological Sciences	Sandhya Mehrotra	Gurpreet Kaur Sidhu	2011PHXF0011P	Analyzing structural and functional evolutionary links between RuBisCO and Carbon Concentrating Mechanism (CCM) proteins	NA
18	Biological Sciences	Sandhya Mehrotra	Panchsheela Nogia	2011PHXF0013P	Enhancement of crop productivity by using cyanobacterial bicarbonate transporters	NA
19	Biological Sciences	Dr. Utpal Roy	Ajay Ghosh Chalasani	2011PHXF0015G	Exploration of a narrow-spectrum and strong antimicrobial	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					compound from a wild type Bacillus sp	
20	Biological Sciences	Dr. N. Soumitra	Srikrupa N N	2011PHXF0 100H	Molecular Genetic Analysis of Candidate Genes in retinal degenerative Disease using High throughput resequencing technology	NA
21	Biological Sciences	Dr.Vijayashre e Nayak	Priyanka Dwivedi	2011PHXF0 401G	Development of Novel Strategies for Cartilage Tissue Engineering	NA
22	Biological Sciences	Dr. Meenal Kowshik	Mohammed Monsoor Shaik	2011PHXF0 404G	Preparation and Characterization of Natural Polymer Based Differential Scaffolds for Wound Healing Applications	NA
23	Biological Sciences	Dr. Ramakrishna Vadrevu	Raja Shekar Varma K	2011PHXF0 404H	"Structure and sequence level analysis of bab motifs and loops in TIM barrel proteins: Implications for Protein folding, design and engineering."	NA
24	Biological Sciences	Lalita Gupta	Rini Dhawan	2011PHXF0 404P	Role of mosquito immunity against parasite development: Study of apolipophorin and STAT signaling pathway in different mosquito species	NA
25	Biological Sciences	Shibasish Chowdhury	Parva Kumar Sharma	2011PHXF0 407P	In-silico analysis of Arthrospira (Spirulina) platensis genome to identify the molecular basis of its high protein content	NA
26	Biological Sciences	Prof. Suman Kapur	V Srinivasa Rao	2011PHXF0 426H	Synthesis and evaluation of phytochemical-metformin conjugates for ameliorating the clinical symptoms of metabolic syndrome in diet induced experimental obesity.	NA
27	Biological Sciences	Prof. Suman Kapur	Pavankumar Mujawdiya	2011PHXF0 429H	High-fat diet induced intestinal permeability and protective role of plant polyphenols and/or alkaloids	NA
28	Biological	Dr.	Sonal Saxena	2012PH290	Role of Genetic	Project-

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Sciences	Nagamohan		003H	Mechanisms in Neurodevelopmental Disorders	DBT
29	Biological Sciences	Dr. Sukanto Mandal	P. Priyadarshini Pai	2012PHXF0007G	Prediction of Protein Interaction sites using computational Methods.	NA
30	Biological Sciences	Dr. Sumit Biswas	Bandekar Divya Ramesh	2012PHXF0008G	Structural Studies on VC0395_0300 protein from Vibrio Cholerae.	NA
31	Biological Sciences	Dr. A. Sarkar	Ansie Martin	2012PHXF0009G	Study of metal nanoxide stress on 'Type 2 Pneumocytes' cultured in vitro.	BITS-Pilani
32	Biological Sciences	Shibasish Chowdhury	E. Divya Niveditha	2012PHXF0009P	In-silico investigation of regulatory mechanisms of small RNAs	NA
33	Biological Sciences	Dr.Anasuya Gangully	Nupur	2012PHXF0010G	Tissue engineering of mesenchymal stem cells isolated from human placenta into a functional pancreatic construct	ICMR Fellowship
34	Biological Sciences	Dr. Sumit Biswas	Om Prakash Chouhan	2012PHXF0405G	Physicochemical studies on the mutants of the VC0395_0300 protein.	BITS-Pilani
35	Biological Sciences	B Vani	Monika M.	2012PHXF0412P	Elucidation of Alkaline Tolerance Mechanism in Arthrospira Platensis	JRF-DST Inspire
36	Biological Sciences	Uma Dubey	Manohar Lal	2012PHXF0413P	Studies on Anti-cancer Properties of Camel Milk Components and their Associated Mechanism of Action	BITS Pilani
37	Biological Sciences	Sandhya Mehrotra	Vandana	2012PHXF0415P	Validation and transformation of a cyanobacterial inorganic carbon transporter to C3 plants for enhanced CO2 fixation	JRF-DST Inspire
38	Biological Sciences	Sanjeev Kumar	Parik Kakani	2012PHXF0431P	Functional and comparative genomics of Anophelines Peroxidase(s) and their role in innate immunity against blood borne antigens	BITS Pilani
39	Biological Sciences	Prof. Suman Kapur	Sai Chinmayi Jillellamudi	2012PHXF0512H	Identification of microRNAs	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					associated with dyslipidemia and metabolic syndrome in subjects from Hyderabad, India	
40	Biological Sciences	Dr. Veeky Baths	Merina Dhara	2013PHXF0001G	Application of network based tools and centrality measures for identification of novel drug targets against Mycobacterium tuberculosis	BITS-Pilani
41	Biological Sciences	Prof. S. Swaminathan	Hemalatha Beesetti	2013PHXF0001H	Investigation of Approaches to Inhibit Dengue Virus	Project-DST
42	Biological Sciences	Dr. Sridev Mohapatra	Sunetra Sen	2013PHXF0002H	Delineating the impact of plant growth promoting rhizobacteria (PGPR) on plant polyamine metabolism: novel insights into plant-PGPR interactions	BITS Pilani
43	Biological Sciences	Pankaj Sharma	Vidushi Asati	2013PHXF0014P	Metabolic Characterization of Selected Legume Plants of Rajasthan with respect to Flavonoids/ Isoflavonoids for Potential Medicinal Applications	BITS Pilani
44	Biological Sciences	Poonam Salotra	Kumar Avishek	2013PHXF0107P	Studies on generation and characterization of live attenuated Leishmania parasites as vaccine candidates of Kala-azar	NA
45	Biological Sciences	Sunita Saxena	Neetu Kumari	2013PHXF0109P	Identification and Characterization of Urinary Proteins as Post Surgery Surveillance Markers in Urothelial carcinoma	NA
46	Biological Sciences	Sunita Saxena	Shreshtha Malvia	2013PHXF0111P	Identification of unique gene expression and methylation profiles associated with early and late onset breast cancer	NA
47	Biological Sciences	Dr. Sridev Mohapatra	Daipayan Ghosh	2013PHXF0400H	Impact of beneficial rhizobacteria on physiological status	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					and proline metabolism of Arabidopsis thaliana under drought condition	
48	Biological Sciences	Dr. Malabika Biswas	Avijit Das	2013PHXF0 401G	Studies on the gene regulation involved in the lyticlysogenic switch in Staphylococcus aureus temperate bacteriophage Phi 11	BITS-Pilani
49	Biological Sciences	Dr. Jayati Ray Datta	Mohammed Imran Khan	2013PHXF0 401H	Bacterial Lipase Mediated Polymer Degradation and Surface Functionalization	NA
50	Biological Sciences	Dr. Anasuya Gangully	Starlaine Chrizelle Mascarenhas	2013PHXF0 402G	Role of Environmental Toxins in Kidney Related Diseases of Canacona Taluka-Goa	BITS-Pilani
51	Biological Sciences	Dr. Kundan Kumar	Saddhe Ankush Ashok	2013PHXF0 403G	DNA barcoding of Goan mangroves and functional characterization of sodium/proton antiporters for salt tolerance in Rhizophora species	BITS-Pilani
52	Biological Sciences	Dr. Veeky Baths	Gautam Kumar Baboo	2013PHXF0 404G	Novel Intervention strategies to prevent Neurodegenerative disease9s) using Graph Theory and EEG Data Analysis	BITS-Pilani
53	Biological Sciences	Rajdeep Chowdhury	Subhra Dash	2013PHXF0 410P	Molecular Characterization of Epithelial to Mesenchymal Transition in Hepatocellular Carcinoma and Elucidation of an Effective Biomarker	BITS Pilani
54	Biological Sciences	Sanjeev Kumar	Tania Pal Choudhury	2013PHXF0 426P	The identification and characterization of Mosquito Proxidase(s) and their role in orchestration of Mosquito Immunity against various pathogens	BITS Pilani
55	Biological	Prof. Suman	Manish	2013PHXF0	Evaluation of rapid	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Sciences	Kapur	Gehani	500H	strip test for screening bacteriuria among pregnant women and its effect on incidence of low birth weight and prematurity in new-borns	
56	Biological Sciences	Sanjay Kumar Verma	Shraddha Mishra	2014PHXF0001P	Identification and characterization of metal induced/binding protein in its industrial application	BITS Pilani
57	Biological Sciences	Dr. Kundan Kumar	Rakesh Manuka	2014PHXF0002G	Identification and functional characterization of abiotic stress responsive With No Lysine kinase in rice	BITS-Pilani
58	Biological Sciences	Sanjay Kumar Verma	Poonam Singh	2014PHXF0402P	Selection, characterization and application of nucleic acid aptamers for detection of pesticides	DBT JRF
59	Biological Sciences	Sanjay Kumar Verma	Sandeep Kumar	2014PHXF0403P	Selection, characterization and evaluation of aptamer based biosensor for heavy metal detection	Ministry of Mines project
60	Biological Sciences	Dr. M. Srikanth	Ram Chavan	2014PHXF0406G	Treatment of nitrogenous waste water by using microalgae and its utilization for production of value added products	BITS-Pilani
61	Biological Sciences	Dr. M. Srikanth	Anant Yadav	2014PHXF0407G	Development and demonstration of decentralized waste water treatment system	BITS-Pilani
62	Biological Sciences	Rajdeep Chowdhury	Leena Fageria	2014PHXF0425P	Improving the anti-cancerous efficacy of nanoparticles by modulations of physic-chemical parameters and understanding of intracellular effects	JRF-DST Inspire
63	Biological Sciences	Rajesh Mehrotra	Zaiba Hasan Khan	2014PHXF0426P	Cloning and characterization of protein phosphatase 2A (PP2A) promoter from Arabidopsis thaliana	JRF-DST Inspire
64	Biological	Jitendra	Vikram	2015PHXF0	Mechanistic aspects	Project-

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Sciences	Panwar	Pareek	001P	of metal nanoparticles towards their antimicrobial activity	DST
65	Biological Sciences	To be approved	Tripti Misra	2015PHXF0 002P	Yet to submit research proposal for DCC approval	BITS Pilani
66	Biological Sciences	Dr. M. Srikanth	Priya Sharma	2015PHXF0 003G	Microbial Diversity and Nutrient recovery using Microbial Fuel cell (MFC)	BITS-Pilani
67	Biological Sciences	Dr. M. Srikanth	Anumeha Vats	2015PHXF0 004G	Enzyme Recovery for Improving Biogas Production	Hitachi Pvt Ltd. Consult ancy
68	Biological Sciences	Dr. Vijayshree nayak	Laxminarayan Rawat	2015PHXF0 010G	To study the drug delivery system and anti-neoplastic activity of various compounds in-vitro	BITS-Pilani
69	Biological Sciences	Dr. A. Sarkar	Makhan Kumar	2015PHXF0 011G	Detailed study on the effects of Qunacrine (QC) on regulation of small GTPases and apoptosis inhuman non-small cell lung cancer cell lines cultured invitro	UGC-JRF
70	Biological Sciences	Dr. Utpal Roy	Deshmukh Rehan Ahmed	2015PHXF0 012G	Development of Molecular and Biosensor-based Methods for Detection of Bacterial Contamination in Water	BITS-Pilani
71	Biological Sciences	Dr. Raviprasad Aduri	Bibhudutta Mishra	2015PHXF0 013G	Understanding RNA- RNA-Protein- and Protein-Ligand Interactions Using Computational Tools	BITS-Pilani
72	Biological Sciences	Dr. Arnab Banerjee	Fernandes Joseph Roque Dollrich	2015PHXF0 014G	Management of Polycystic ovarian syndrome (PCOS) by regulating the hypothalamic-hypophyseal-gonadal axis (HPG axis) and the adipokine profile	BITS-Pilani
73	Biological Sciences	Dr. M. Srikanth	Ravindra Gangaram Mane	2015PHXF0 027G	Struvite formation and its use as an alternative to chemical fertilizers for crop production	NA
74	Biological Sciences	Dr. Indrani Talukdar	Jiss Maria Louis	2015PHXF0 401G	Yet to submit research proposal for DCC approval	BITS-Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
75	Biological Sciences	Prabhat Nath Jha	Shahid Khan	2015PHXF0401P	Identifying the role of Type VI secretion system of Enterobacter cloacae SBP-8 in its pathogenicity	CSIR JRF
76	Biological Sciences	Dr. M. Srikanth	Guruprasad V Talekar	2015PHXF0402G	Yet to submit research proposal for DCC approval	Project-DBT
77	Biological Sciences	Shibasish Chowdhury	Heena Saini	2015PHXF0402P	A comparative analysis and understanding of molecular aspects of drug sensitivity in cancer cells with null, wild type and gain of function mutant p53	Project-DBT
78	Biological Sciences	Dr. Dibakar Chakrabarty	Chitra Ramchandran Nair	2015PHXF0403G	Blood Coagulation and Platelet Aggregation Inhibiting Toxins of Indian Spectacled Cobra (Naja naja) Venom	Project-DBT
79	Biological Sciences	Rajesh Mehrotra	Pinky	2015PHXF0404P	Cloning and characterization of the amino acid transmembrane transporter from Arabidopsis thaliana	BITS Pilani
80	Biological Sciences	To be approved	Neelam Mahala	2015PHXF0419P	Yet to submit research proposal for DCC approval	JRF-DST Inspire
81	Biological Sciences	Dr. Jayati Ray Datta	Mohammed Almas Shamaila	2015PHXP0500H	Yet to submit research proposal for DCC approval	NA
82	Biological Sciences	Dr. Kumar Pranav narayan	R Venkat Ramchandar	2015PHXP0501H	Yet to submit research proposal for DCC approval	NA
83	Biological Sciences	Dr. A. Sarkar	Angela Samanta	2016PHXF0001G	Yet to submit research proposal for DCC approval	Project-DBT
84	Biological Sciences	Dr. Meenal Kowshik	Zantye Pranjita Ganesh	2016PHXF0003G	Yet to submit research proposal for DCC approval	Project-DST
85	Biological Sciences	Vishal Saxena	Vikas Kumar	2016PHXF0019P	RNAi screening to study the role of Mosquito ATP-binding cassette (ABC) transporter(s) in immunity against blood-borne pathogens	Project fellow
86	Biological	To be	Snehalata	2016PHXF0	Yet to submit research	JRF-

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Sciences	approved		022P	proposal for DCC approval	DST Inspire
87	Biological Sciences	Prof. Ramakrishna Vadrevu	Naresh Patnaik	2016PHXP0 001H	Yet to submit research proposal for DCC approval	BITS Pilani
88	Biological Sciences	Dr. Jayati Ray Datta	Vslss Narayana Penta	2016PHXP0 101H	Yet to submit research proposal for DCC approval	NA
89	Biological Sciences	Dr. Nagamohan	Desai Fairy Emmanuel	2016PHXP0 102H	Yet to submit research proposal for DCC approval	NA
90	Biological Sciences	Dr. Sukanta Mondal	Zakane Reshma Nanasaheb	2016PHXP0 401G	Yet to submit research proposal for DCC approval	BITS-Pilani
91	Biological Sciences	To be approved	Monika Sandhu	2016PHXP0 401P	Yet to submit research proposal for DCC approval	Project-DST
92	Biological Sciences	Dr. Kundan Kumar	Nilesh Lakshman Dahibhate	2016PHXP0 402G	Yet to submit research proposal for DCC approval	CSIR SRF
93	Biological Sciences	Dr. Malabika Biswas	Vijaya	2016PHXP0 403G	Yet to submit research proposal for DCC approval	Project-DST
94	Biological Sciences	To be approved	Nandita Sharma	2017PHXF0 019P	Yet to submit research proposal for DCC approval	Project-DST
95	Biological Sciences	Dr. Vivek Sharma	Bakhya Shree Gb	2017PHXP0 001H	Yet to submit research proposal for DCC approval	BITS Pilani
96	Biological Sciences	To be approved	Aastha Mittal	2017PHXP0 001P	Yet to submit research proposal for DCC approval	Project-DST
97	Biological Sciences	Dr. Gireesha Mohannath	Gargi Prasad S	2017PHXP0 002H	Yet to submit research proposal for DCC approval	BITS Pilani
98	Biological Sciences	Dr. Vijayashree Nayak	Shameer Ahmed B	2017PHXP0 006G	Yet to submit research proposal for DCC approval	BITS-Pilani
99	Biological Sciences	Dr. Kundan Kumar	Divya Gupta	2017PHXP0 008G	Yet to submit research proposal for DCC approval	BRNS
100	Biological Sciences	To be approved	Bub Nidhi Kirti Kumar	2017PHXP0 010P	Yet to submit research proposal for DCC approval	DBT JRF
101	Biological Sciences	Dr. Arnab Banerjee	Mate Nayan Anand	2017PHXP0 015G	Yet to submit research proposal for DCC approval	CSIR SRF
102	Biological Sciences	Dr. Utpal Roy	Swetha Ramesh	2017PHXP0 018G	Yet to submit research proposal for DCC approval	Project-DBT
103	Biological Sciences	To be approved	Abhilasha Srivastava	2017PHXP0 022P	Yet to submit research proposal for DCC approval	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
104	Biological Sciences	Dr. Jayati Ray Datta	Mrudula M M	2017PHXP0030H	Yet to submit research proposal for DCC approval	CSIR JRF
105	Biological Sciences	Dr. Nagamohan	Maguluri Raj Kumar	2017PHXP0031H	Yet to submit research proposal for DCC approval	CSIR JRF
106	Biological Sciences	To be approved	Vishalakshi	2017PHXP0032P	Yet to submit research proposal for DCC approval	BITS Pilani
107	Biological Sciences	To be approved	Ashish Katyal	2017PHXP0101P	Yet to submit research proposal for DCC approval	NA
108	Biotechnology	Dr. Neeru Sood	S. Rajeswari	2013PHXF0018U	Physiological and Genetic basis of response to salinity in cereal crops	NA
109	Biotechnology	Dr. Shoaib Ismail	Khalil Ur Rahman	2014PHXF0001U	Management of sustainable agricultural production systems under arid and saline conditions	NA
110	Chemical Engineering	Smita Raghuvanshing	Somesh Mishra	2011PHXF0007P	Experimental Studies on Bio-Mitigation of Carbon Dioxide	NA
111	Chemical Engineering	P N Seth	Santosh S Khandgave	2011PHXF0430P	Performance evaluation of Bio-film reactors using Computational Fluid Dynamics	NA
112	Chemical Engineering	Dr. Srinivas Krishnaswamy	Pragya Singh	2012PH001023G	Theoretical & Experimental studies on coking in refinery systems and role of additives / passivation on coke reduction in these systems	CHT
113	Chemical Engineering	Dr. I Sreedhar	Sreenivasulu Bolisetty	2012PHXF0526H	Kinetics and Engineering of Carbon Capture by Chemical Looping Combustion	BITS Pilani
114	Chemical Engineering	Dr.Srikanta Dinda	Appala Naidu Uttaravalli	2013PHXF0005H	Polymerization and Kinetic Studies of Ketonic Resin Synthesized by Environmentally Friendly Method	BITS Pilani
115	Chemical Engineering	Suresh Gupta	Saswat Kumar Pradhan	2013PHXF0008P	Synthesis of Metallic Nanoparticles for the Removal of heavy Metals from Wastewater	BITS Pilani
116	Chemical Engineeri	Dr. Ramesh Babu	Madhuri P.	2013PHXF0101H	Study of Pulp Characteristics after	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	ng	Adusumalli			Cooking and Bleaching for optimization of Process parameters	
117	Chemical Engineering	Dr. Srinivas Krishnaswamy	Vv Siva Kumar	2013PHXF0103G	Studies on the influence of varying fluid properties on hydrodynamic cavitationn	NA
118	Chemical Engineering	Dr. Srinivas Krishnaswamy	Parul Sahu	2013PHXF0201G	Sea water desalination using liquefied natural gas (LNG) refrigeration	NA
119	Chemical Engineering	Dr. S. S. Baral	Mouna H M	2013PHXF0405G	Bioleaching of heavy metals from spent catalysts	BITS-Pilani
120	Chemical Engineering	P N Seth	Tapas Kumar Patra	2013PHXF0424P	Production of hydrogen-rich fuel gas from Jatropha residue cake	BITS Pilani
121	Chemical Engineering	Dr. Srinivas Krishnaswamy	Vinod Kadu More	2013PHXF0501G	Experimental studies on Co-Chlorination reactions of polymers-paraffins and alcohols for Chlorinated Poly-olefins (CPO)- Paraffin Wax (CPW) and Di-Chlorohydrin (DCH) production	NA
122	Chemical Engineering	Dr. I Sreedhar	P Suresh	2013PHXF0511H	Experimental and Modeling Studies of Continuous Wet Granulation	NA
123	Chemical Engineering	P N Seth	Rajeev Sharma	2013PHXF0511P	Experimental and Theoretical Study of Biomass Pyrolysis & Product Characterization	NA
124	Chemical Engineering	Dr. Asma Ahmed	P. Lakshmi Sirisha	2013PHXF0600H	Development of an environmental friendly process for the production of biofuels and value added products from Lignocellulosic biomass residues	NA
125	Chemical Engineering	Dr. S S Baral	M.Dillp	2014PH001018G	Yet to submit research proposal for DCC approval	BITS-Pilani
126	Chemical Engineering	Banashree Roy	Shweta Sharma	2014PHXF0002P	Development of metal/ceramic oxide and related nano-catalyst systems for	JRF-DST Inspire

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					hydrogen and hydrogen rich fuel production from biomass derived hydrocarbon	
127	Chemical Engineering	Dr. Ramesh Babu Adusumalli	K Chandrakala	2014PHXF0404H	Mechanical Characterization of Human Hair Fibres	BITS Pilani
128	Chemical Engineering	Pradipta Chattopadhyay	R Arun Karthick	2014PHXF0405P	Synthesis and characterization of novel surfactant foams for remediation of contaminated soil and detergent formulation	BITS Pilani
129	Chemical Engineering	Dr. Balaji Krishna Murthy	B Madhavi	2014PHXF0408H	Modeling of capacity fading in lithium ion batteries & Statistical analysis of performance degradation in fuel cells	BITS Pilani
130	Chemical Engineering	Dr. Purnima D	S Aparna	2015PHXF0003H	Study on Carbon fibre reinforced Nylon and Nylon blend based Composites	BITS Pilani
131	Chemical Engineering	Arvind Kumar Sharma	Roshan Chandra	2015PHXF0003P	Attrition of Bed Particles in a Re-Circulating Fluidized Bed Reactor	BITS Pilani
132	Chemical Engineering	Dr. Kartik Chetan	S N Manasa Dhakshayani	2015PHXF0402H	Development and Characterization of Biological Based Nanofibers and Nanogels for Encapsulation Applications	BITS Pilani
133	Chemical Engineering	Dr. Asima Saukat	Akanksha Gavendra	2015PHXF0404G	Influence of filler particle morphology and surface characteristics on rheological dynamics of particle-filled nanocomposites and yield stress fluids	Project-DST
134	Chemical Engineering	Dr. S. D. Manjare	Archana Vinod Kulkarni	2015PHXF0405G	Yet to submit research proposal for DCC approval	NA
135	Chemical Engineering	Dr. Srikanta Dinda	Premanath	2016PHXF0003H	Development of solid adsorbents for CO2 capture from simulated flue gas: Material Synthesis, Characterization, Kinetics and Process Optimization	Project-CSIR

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
136	Chemical Engineering	To be approved	Venkata Vijayan S	2016PHXF0017P	Yet to submit research proposal for DCC approval	BITS Pilani
137	Chemical Engineering	Amit Jain	Shailee Gaur	2016PHXF0023P	Production and recovery of biosurfactants using oil based waste as a substrate	BITS Pilani
138	Chemical Engineering	Dr. Srikanta Dinda	Sundaraiah Konda	2016PHXP0103H	Yet to submit research proposal for DCC approval	NA
139	Chemical Engineering	Dr. Karthik Chethan	M Vasavi	2016PHXP0104H	Yet to submit research proposal for DCC approval	NA
140	Chemical Engineering	Dr. Asima Saukat	Mohd Mubashshir	2016PHXP0404G	Yet to submit research proposal for DCC approval	Project-DST
141	Chemical Engineering	Dr. Sutapa Roy Ramanan	Kadu Kavita Haribhau	2016PHXP0406G	Yet to submit research proposal for DCC approval	UGC
142	Chemical Engineering	Dr. Jegatha K	V Kaarthick Raaja	2016PHXP0407G	Yet to submit research proposal for DCC approval	Project-DST
143	Chemical Engineering	Dr. Manjari kumar	Parsekar Sidhali Uday	2016PHXP0408G	Yet to submit research proposal for DCC approval	BITS-Pilani
144	Chemical Engineering	Dr. S. D. Manjare	Kore Vivek Sadashiv	2016PHXP0409G	Yet to submit research proposal for DCC approval	NA
145	Chemical Engineering	Dr. S S Baral	Patil Abhijeet Dilip	2016PHXP0410G	Yet to submit research proposal for DCC approval	NA
146	Chemical Engineering	To be approved	Sachin Tomar	2017PHXP0002P	Yet to submit research proposal for DCC approval	Project-DST
147	Chemical Engineering	To be approved	Abhishek Anand	2017PHXP0014P	Yet to submit research proposal for DCC approval	BITS Pilani
148	Chemical Engineering	Dr. Richa Singhal	Ishita	2017PHXP0019G	Yet to submit research proposal for DCC approval	BITS-Pilani
149	Chemical Engineering	Dr. S.S.Baral	A V B Acharyuly	2017PHXP0023G	Yet to submit research proposal for DCC approval	NA
150	Chemistry	Saumi Ray	Archana Choudhary	2010PHXF0426P	Synthesis and Charaterization of "ship-in-a-bottle" complexes inside the microporus and mesoporous materials.	NA
151	Chemistry	Dr. Reshmi Chauan	Chetana Deoghare	2010PHXF0435G	Studies on the controlled	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					radical polymerization of N-aryl substituted itaconimide monomers with methyl methacrylate/styrene	
152	Chemistry	Bharti Kungar	Pankaj Nehra	2011PHXF0020P	Synthesis, Characterization and Applications of Novel Ionic Liquid-Supported Metal Complexes	NA
153	Chemistry	Anil Kumar	Poonam Khedar	2011PHXF0024P	Exploration of Click Chemistry for the Synthesis of some Novel Heterocyclic Compounds	NA
154	Chemistry	Dr.R. N. Panda	Dalavi Shankar Balu	2012PHXF0013G	Studies on Nano-magnetism of Fe, Co, Ni and Pt based Ferromagnetic Metal and Alloy Nanoparticles Synthesized via Novel Chemical Routes	NA
155	Chemistry	S C Sivasubramanian	Rajinder Shivran	2012PHXF0016P	Structure Modeling and Structure - Property Correlation Studies on Multi - Component Amorphous Systems	NA
156	Chemistry	Surojit Pande	Pragati Fageria	2012PHXF0017P	Synthesis and characterization of semiconducting metal oxide and sulfide nanoparticles and their application in photocatalysis	NA
157	Chemistry	Rajeev Sakhuja	S M Abdul Shakoor	2012PHXF0018P	Exploration of greener methodologies for the synthesis of novel heterocycles of biological importance	NA
158	Chemistry	Inamur R Laskar	Sheik Saleem Pasha	2012PHXF0024P	Syntheses and Studies on Photo-Physical Property of Iridium (III) and Platijnum (II) Complexes for Bioimaging and Sensoric Applications	NA
159	Chemistry	Anil Kumar	Pinku	2012PHXF0026P	Synthesis of novel heterocyclic compounds using transition metal catalysts	NA
160	Chemistry	Dr. R. N.	Uday Kumar	2012PHXF0	Effective interactions	BITS-

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
		Behera	Padidela	406G	and properties of model colloidal suspensions: Integral equation theory and molecular dynamics simulation study	Pilani
161	Chemistry	Dr. Sunil Bhand	Atul Sharma	2012PHXF0407G	Development of novel sensing techniques for detection of antimicrobial residues and their separation from food and food products.	NA
162	Chemistry	Dalip Kumar	P.O. Venkata Ramana Reddy	2012PHXF0409P	Synthesis and Anticancer Activity Studies of Some Novel Indole Related Heterocycles	BITS Pilani
163	Chemistry	Madhshree Sarkar	Fayaz Baig	2012PHXF0410P	Coordination Polymer(CP)s of Ligands based on Imine and Amide Functional Groups: Analysis for their Structure and Property Relationship	BITS Pilani
164	Chemistry	Rajeev Sakhuja	Santosh Kumari	2012PHXF0411P	Synthesis and photo-physical studies of coumarin and xanthone labelled peptides and peptidomimetics	UGC NET
165	Chemistry	Paritosh Shukla	B. Pallavi	2012PHXF0420P	Ni(II)/Co(II,III) catalyzed coupling reactions and synthesis of pyrazolone and quinoline carboxylic acid derivatives	BITS Pilani
166	Chemistry	Prashant U. Manohar	Dinesh Kumar	2012PHXF0425P	An extensive development of computer-codes for some size extensive variants of coupled-cluster based methods for open-shell systems with pilot applications	BITS Pilani
167	Chemistry	Indresh Kumar	Anoop Singh	2012PHXF0426P	Organocatalytic approach towards the synthesis of Indole based heterocycles	NA
168	Chemistry	Indresh Kumar	Sachin Choudhary	2012PHXF0427P	Organocatalytic approach towards the	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					synthesis of some nitrogen containing heterocycles	
169	Chemistry	Anil Kumar	Hitesh Kumar Saini	2012PHXF0428P	Synthesis of Azaheterocycles by Transition Metal Catalysed Cross Coupling Reactions	CSIR SRF
170	Chemistry	Dr. Balaji Gopalan	Nalluri Srinivasa Rao	2012PHXF0501H	Synthesis, Characterization and Optical Properties of Gold Nanoclusters and Gold-Polymer nanocomposites	NA
171	Chemistry	Dr. Sumithra	Saisudhakar Mukka	2012PHXF0507H	Electronic and Structural Properties of Substituted Oligo- and Polythiophenes	NA
172	Chemistry	Dr. Anupam Bhattacharya	T Yadagiri	2012PHXF0511H	Synthetic and applicative studies on quinoline, chromone, and pyridine containing fused heterocyclic system	NA
173	Chemistry	Dr. Subhas Ghosal	Ranga Santosh	2012PHXF0528H	Quantum Reactive Scattering Dynamics of reactions at ultra-low temperatures	CSIR SRF
174	Chemistry	Dr. K V G Chandrasekhar	Amaroju Suresh	2012PHXF0530H	Design, synthesis and biological activity of novel heterocyclic compounds as enzyme targeted anti-tubercular agents	NA
175	Chemistry	Dr.Ranjan Dey	Akanksha Saini	2013PHXF0002G	Computation of Excess, Transport and Allied Thermodynamic Properties to Study Intermolecular Interactions in Binary and Higher Order Liquid Mixtures	NA
176	Chemistry	Dr. Amrita Chatterjee	Dipratn Govindrao Khandare	2013PHXF0003G	Design and Synthesis of Aggregation-Induced Emission Based Probes for Detection of Toxic and Biologically Important Analytes	NA
177	Chemistry	Dr. P. Bhavana	Srimanta Halder	2013PHXF0004G	Investigation on the Role of Peripheral Functionalisation on the Properties and Applications of	BITS-Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Heteroarylporphyrins	
178	Chemistry	Dr. R. N. Panda	Pragnya Paramita Mishra	2013PHXF0005G	Novel synthesis - characterization and surface properties study of some technologically important transition metal nitrides	BITS-Pilani
179	Chemistry	Dr. N. N. Ghosh	Barun Kumar Ghosh	2013PHXF0006G	Preparation of Metal Nanoparticle Loaded Mesoporous Silica based Magnetically Separable Catalysts and Study of their Catalytic Property towards Degradation of Various Dyes	NA
180	Chemistry	Surojit Pande	Roshan Nazir	2013PHXF0015P	Synthesis and characterization of metal and metal oxide nanoparticles for photocatalysis and electrocatalysis	BITS Pilani
181	Chemistry	Subit Kumar Saha	Sunita Kumari	2013PHXF0016P	Steady-satate and Time Resolved Fluorescence Spectroscopic Studies of Some Soft Matter Systems containing Gemini Surfactants, Gemini Surfactants & Cyclodextrins	BITS Pilani
182	Chemistry	Anil Kumar	Khima Pandey	2013PHXF0017P	Synthesis of Onium Salts and Their Applications in Organic Transformation	UGC NET
183	Chemistry	Dalip Kumar	Khandgale Santosh Bhausaheb	2013PHXF0019P	Synthesis and Photophysical Studies of Selected Novel Heterocycle-fused Porphyrins	BITS Pilani
184	Chemistry	Anil Kumar	Saroj	2013PHXF0020P	Synthesis of imidazolium salt-supported reagents and their application in organic synthesis	CSIR SRF
185	Chemistry	Dr. K V G Chandrasekhar	Ravi Kiran Panchakarla	2013PHXF0103H	Analytical Methods for Trace Level Quantification of Potential Mutagenic Impurities in Pharmaceutical Substances using	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Quality by Design Paradigm	
186	Chemistry	Dalip Kumar	Manish Kumar Mehra	2013PHXF0401P	Formation of carbon-carbon and carbon-heteroatom bonds using organoiodine reagents: Synthesis of selected bioactive heterocycles	CSIR SRF
187	Chemistry	Dr. Anupam Bhattacharya	Uday Kumar Togiti	2013PHXF0405H	Synthesis of fused and boronated heterocycles and study of their biological properties	BITS Pilani
188	Chemistry	Dr. Sunil Bhand	Arun Kumar Prusty	2013PHXF0406G	Development of novel bio and chemical sensing devices for the analysis of herbicide and antibiotic residues	RD-Tata Trust
189	Chemistry	Prof. N Rajesh	Sathvika. T	2013PHXF0406H	Immobilization of microorganisms in polymeric and clay based supports for the sequestration of Chromium from industrial effluents	BITS Pilani
190	Chemistry	Anil Kumar	Shiv Dhiman	2013PHXF0406P	Design and synthesis of quinoline and isoquinoline derivatives through transition metal catalyzed cascade protocols	BITS Pilani
191	Chemistry	Dr. Sunil Bhand	Aruna Chandra Singh	2013PHXF0407G	Development of novel biosensor for analysis of endocrine disruptors and bacteria in environmental samples	BITS-Pilani
192	Chemistry	Saumi Ray	Susheela Kumari	2013PHXF0408P	Encapsulation and Catalytic Studies of "Ship-in-a-bottle" Transition Metal Complexes Inside the Microporous and Mesoporous Materials	BITS Pilani
193	Chemistry	Rajeev Sakhuja	Devesh S Agarwal	2013PHXF0419P	Design and synthesis of amino acid appended bile acid hybrids as anticancer agents and smart low molecular weight gelators (LMWGs)	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
194	Chemistry	Anil Kumar	Nitesh Kumar Nandwana	2013PHXF0425P	Design and synthesis of fused heterocyclic compounds using copper catalyzed C-N coupling reactions	BITS Pilani
195	Chemistry	Dr. K V G Chandrasekhar	Surendar Chitti	2013PHXF0501H	Design and synthesis of novel heterocyclic compounds as anticancer agents	NA
196	Chemistry	Prof. N Rajesh	Kodali Jagadeesh	2013PHXF0502H	Green adsorbents for the sequestration of pesticide residues in water and Food/Agri products	NA
197	Chemistry	Dr. K V G Chandrasekhar	Srinivasa Rao Singireddi	2014PHXF0002H	Design, synthesis and biological activity of novel heterocyclic compounds as inhibitors of bacterial quorum sensing and tuberculosis	CSIR JRF
198	Chemistry	Bibhas Ranjan Sarkar	Sonam Sharma	2014PHXF0003P	Studies in catalytic C-C bond formation reactions using palladium-based catalyst systems	BITS Pilani
199	Chemistry	Dr. Ramakrishna Ganesan	Nagarjuna Ravi Kiran	2014PHXF0008H	Polymerizable sol–gel mediated approach to fabricate doped, supported and patterned metal oxide nanostructures and their applications	BITS Pilani
200	Chemistry	Ajay Kumar Sah	Vimal Kumar Madduluri	2014PHXF0013P	Synthesis of glucopyranosylamine derived glycoconjugates and their applications in inorganic and medicinal chemistry	BITS Pilani
201	Chemistry	Bharti Kungar	Vaishali Saini	2014PHXF0014P	Synthesis Characterization and Applications of Functionalized Ionic Liquid Metal Complexes	BITS Pilani
202	Chemistry	Inamur R Laskar	Kachwal Vishal	2014PHXF0015P	Design and synthesis of solid state luminescent smart materials: Applications in pH probing, bio-imaging and bio-sensing	Project-DST
203	Chemistry	Dr. Sounak Roy	Swapna Challagulla	2014PHXF0400H	Photocatalytic abatement of NOx by	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					using semiconductor metal oxides and understanding their catalytic performance	
204	Chemistry	Dr. N. N. Ghosh	Debabrata Moitra	2014PHXF0403G	Development of a novel synthetic methodology for preparation of multifunctional ferrite-reduced graphene oxide nanocomposites and study of their microwave absorption and catalysis properties.	BITS-Pilani
205	Chemistry	Dr. Amit Nag	Shweta Vinod Pawar	2014PHXF0403H	Exploring light-matter interactions from macro to nano: detection technologies for important metals and application in bio-imaging.	JRF-DST
206	Chemistry	Dr. Mainak Banerjee	Zigmee Thupden Bhutia	2014PHXF0404G	Development of "Green" and/ or Catalyst-Free Methods for the Synthesis of Various Heterocycles of Biological Interests	JRF-DST-Inspire
207	Chemistry	Ramkinkar Roy	Aabid Hamid	2014PHXF0406P	Understanding the components of Density Functional Reactivity Theory (DFRT) based stabilization energy and related applications	BITS Pilani
208	Chemistry	Shamik Chakraborty	Bijoya Das	2014PHXF0407P	Spectroscopic and theoretical investigation of proton transfer and charge transfer processes in model molecular systems	BITS Pilani
209	Chemistry	Madhshree Sarkar	Moyna Das	2014PHXF0408P	Crystal Engineering of Imine and Amide Based Coordination Polymers and Analysis of their Photophysical, Anion Exchange and Guest Exchange Properties	BITS Pilani
210	Chemistry	Dr. Manab Chakravarthy	Moghal Zubair Khalid Baig	2014PHXF0409H	Exploration on Synthesis and Applications of Naphthalene and	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Anthracene-based Organophosphates and phosphate	
211	Chemistry	Dr. Anjan Chattopaddhyay	Sindhuja Sen	2015PHXF0006G	Yet to submit research proposal for DCC approval	Project-DST
212	Chemistry	Dr. Durba Roy	Karuna Anna Sajeevan	2015PHXF0404H	Structural and Functional Characterization of Animal Venom Toxins using Computer Simulations	Project-DST
213	Chemistry	Dr. N N Ghosh	Madhurya Chandel	2015PHXF0406G	Yet to submit research proposal for DCC approval	BITS-Pilani
214	Chemistry	Dr. P. Bhavana	S.Baranitharan	2015PHXF0407G	Yet to submit research proposal for DCC approval	Project-DST
215	Chemistry	Dr. Sunil Bhand	Krishna Kumari Swain	2015PHXF0408G	Heavy metal analysis in water and sea food using novel biosensor based on enzymes and enzyme mimics	BRNS
216	Chemistry	Dr. Subhadip Banerjee	Phadte Apeksha Ashok	2015PHXF0409G	Yet to submit research proposal for DCC approval	BITS-Pilani
217	Chemistry	Dr. Anupam Bhattacharya	Thirupathi Reddy P	2015PHXF0504H	Synthetic studies on Lumazine peptides, 9-substituted 1H-benzo[f]indoles and Pyrrolo[2,3-c] quinolines	NA
218	Chemistry	Dr. Amrita Chatterjee	Gawas Ram Uttam	2016PHXF0006G	Yet to submit research proposal for DCC approval	BITS-Pilani
219	Chemistry	Dr. Ranjan Deay	Natekar Amrita Rudreshwar	2016PHXF0007G	Yet to submit research proposal for DCC approval	NA
220	Chemistry	To be approved	Sayantan Haldar	2016PHXF0013P	Yet to submit research proposal for DCC approval	UGC DAE Project
221	Chemistry	To be approved	Jagrity Chaudhary	2016PHXF0014P	Yet to submit research proposal for DCC approval	BITS Pilani
222	Chemistry	To be approved	Chavi Mahala	2016PHXF0015P	Yet to submit research proposal for DCC approval	Project-DST
223	Chemistry	To be approved	Vikki Narayan Shinde	2016PHXF0016P	Yet to submit research proposal for DCC approval	Ranbaxy Project
224	Chemistry	Dr. Ravi Gomatham	Gregory A Anderson	2016PHXF0301G	To use quantum mechanics and molecular mechanics to model the	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					mechanism of cataysis occurring in various halogenases	
225	Chemistry	Dr. Amit Nag	Deepthi Priyanka Damera	2016PHXP0005H	Yet to submit research proposal for DCC approval	BITS Pilani
226	Chemistry	Dr. K V G Chandrasekhar	Venkata Sivakumar Boddupalli	2016PHXP0108H	Yet to submit research proposal for DCC approval	NA
227	Chemistry	Dr. Subhash Ghosal	Raja Sekhar Voguri	2016PHXP0109H	Yet to submit research proposal for DCC approval	NA
228	Chemistry	Dr. R. Krishnan	Sabitha D	2016PHXP0110H	Yet to submit research proposal for DCC approval	NA
229	Chemistry	Prof. Manab Chakravarty	Banchhanidhi Prusti	2016PHXP0402H	Yet to submit research proposal for DCC approval	BITS Pilani
230	Chemistry	To be approved	Pidiyara Karishma	2016PHXP0404P	Yet to submit research proposal for DCC approval	BITS Pilani
231	Chemistry	To be approved	Rishika Aggrawal	2016PHXP0422P	Yet to submit research proposal for DCC approval	UGC DAE Project
232	Chemistry	Dr. Durba Roy	Shravani Nethi	2016PHXP0500H	Yet to submit research proposal for DCC approval	NA
233	Chemistry	Prof. Subbalakshmi	Sd Anwarhussaini	2017PHXP0004H	Yet to submit research proposal for DCC approval	Project-DST
234	Chemistry	Dr Nishant P	Pankaj Manubhai Vyas	2017PHXP0004U	-	NA
235	Chemistry	Dr. Balaji Gopalan	Dinabandhu Patra	2017PHXP0005H	Yet to submit research proposal for DCC approval	Premier explosive Limited Consultancy
236	Chemistry	Dr. Sounak Roy	Soumitra Payra	2017PHXP0006H	Yet to submit research proposal for DCC approval	BITS Pilani
237	Chemistry	To be approved	Bintu Kumar	2017PHXP0008P	Yet to submit research proposal for DCC approval	CSIR JRF
238	Chemistry	Dr. Anjan Chattopadhyay	Oruganti Yasaswini	2017PHXP0009G	Yet to submit research proposal for DCC approval	BITS-Pilani
239	Chemistry	Dr. Amrita Chatterjee	Naik Viraj Ganpat	2017PHXP0011G	Yet to submit research proposal for DCC approval	Project-DST
240	Chemistry	To be approved	Mamta Devi Sharma	2017PHXP0011P	Yet to submit research proposal for DCC	Project-DST

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					approval	
241	Chemistry	Dr. Mainak Banerjee	Sohini Sinha	2017PHXP0012G	Yet to submit research proposal for DCC approval	Project-DST
242	Chemistry	To be approved	Dhritabrata Pal	2017PHXP0013P	Yet to submit research proposal for DCC approval	Project-DST
243	Chemistry	To be approved	Debapratim Sau	2017PHXP0017P	Yet to submit research proposal for DCC approval	Project-DST
244	Chemistry	To be approved	Mamidanna Vsk Chaitanya	2017PHXP0021P	Yet to submit research proposal for DCC approval	Ranbaxy project
245	Chemistry	To be approved	Pawar Amol Prakash	2017PHXP0023P	Yet to submit research proposal for DCC approval	Project-DST
246	Chemistry	Dr. Amrita Chatterjee	Sharanabasava D Hiremath	2017PHXP0024G	Yet to submit research proposal for DCC approval	UGC-Project
247	Chemistry	To be approved	Aishwarya Ramesh	2017PHXP0028P	Yet to submit research proposal for DCC approval	BITS Pilani
248	Chemistry	To be approved	Prachi Sharma	2017PHXP0030P	Yet to submit research proposal for DCC approval	BITS Pilani
249	Chemistry	To be approved	Jyothi Yadav	2017PHXP0041P	Yet to submit research proposal for DCC approval	Opera Project
250	Civil	To be approved	Rishabh Bajpai	2015PH300054P	Yet to submit research proposal for DCC approval	BITS Pilani
251	Civil	To be approved	Somya Agarwal	2015PH440040P	Yet to submit research proposal for DCC approval	BITS Pilani
252	Civil Engineering	S B Singh	Himanshu Chawla	2010PH430412P	Study of Structural Response and Failure Characteristics of Thin--Walled FRP Flanged Beams	BITS Pilani
253	Civil Engineering	A K Sarkar	Deval Mishra	2011PH300050P	A Study to Estimate the Impact of Accessibility on Transit Mode Choice	BITS Pilani
254	Civil Engineering	To be approved	Harish Kumar Mulchandani	2011PH430451P	Yet to submit research proposal for DCC approval	BITS Pilani
255	Civil Engineering	Prof.K.S. Raju	Vemula Swathi	2012PH440029H	Integrated Urban Flood Management-Technology driven solutions	BITS Pilani
256	Civil Engineering	Anupam Singhal	Anuradha Devi	2012PHXF0006P	Experimental Study for the Reduction & Utilization of Sludge	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					and Biosorption of Pickling Waste	
257	Civil Engineering	Anupam Singhal	Arun Nihal Singh	2012PHXF0 025P	Investigation of Fluoride, Nitrate & TDS in Groundwater of Shekhawati Region of Rajasthan and their Remedies	NA
258	Civil Engineering	Amit Goel	Vidhi Vyas	2013PH300 065P	Modeling of Flexible Pavement Structure for Layer Debonding Condition and Thermal Gradient	BITS Pilani
259	Civil Engineering	Shibani K. Jha	Puppala Harish	2013PH440 046P	Study of Geothermal Energy Potential of India: Modelling and Case Studies	BITS Pilani
260	Civil Engineering	Prof.P.N.K.R ao	Konka Shruti	2013PHXF0 104H	Study of Wind load effects on structures	NA
261	Civil Engineering	Ajit Pratap Singh	Prashant Bhakar	2013PHXF0 106P	Sustainable Management of Groundwater Resources in the Western Arid Regions of Rajasthan, India	NA
262	Civil Engineering	Dr. Murari R R Varma	Prakash Mohan M M	2013PHXF0 408H	Modification of Surface Energy Balance Model parameters for the accurate estimation of Evapotranspiration (ET), using inputs from Synthetic Aperture Radar Technology (SAR)	BITS Pilani
263	Civil Engineering	Ajit Pratap Singh	Rahul Dandautiya	2013PHXF0 411P	Immobilization of heavy metals in fly ash and mine tailings by their sustainable utilization	BITS Pilani
264	Civil Engineering	Dipendu Bhunia	Shaik Hussain	2013PHXF0 421P	A Study on the Effect of Carbonation on Properties of Concrete	BITS Pilani
265	Civil Engineering	S B Singh	Pankaj	2013PHXF0 437P	Development and Usage of Ductile Composite Materials for Repair and Retrofitting of Masonry Structures	BITS Pilani
266	Civil Engineering	Prof V.R.Vinayak a Ram	P Chaitanya Jasti	2013PHXF0 512H	Integrated and Sustainable Service Level Benchmarking of Urban Public Transportation	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Systems in Indian Context	
267	Civil Engineering	Prof V.R.Vinayaka Ram	Babu Sarath Kambham	2013PHXF0513H	Performance Related Aspects of Bitumen and Bituminous Concrete Subjected to ageing in Indian Conditions – An Experimental Investigation	NA
268	Civil Engineering	Dr. M. V. N. Sivakumar	Sri Kalyana Rama J	2013PHXF0603H	Studies On Fracture Process Parameters of Self-Compacting Concrete (SCC) to Identify the Size Effect and its Related Issues.	NA
269	Civil Engineering	Prasanta Kumar Sahoo	Agnivesh P	2014PH300065P	Analysis and Modelling of Urban Freight Demand for Seven Cities in Kerala, India	BITS Pilani
270	Civil Engineering	Rajiv Gupta	Gaurav Kumar	2014PHXF0004P	Design and Implementation of a Generic Mothodology for Scenario Development	BITS Pilani
271	Civil Engineering	Ajit Pratap Singh	Makrand Wagale	2014PHXF0005P	Assessment of Socio-Economic and Environmental Impacts of PMGSY Roads in Rajasthan	BITS Pilani
272	Civil Engineering	Prof.K.S. Raju	Rampalli Madhuri	2014PHXF0406H	Flood Vulnerability and Mitigation Strategies under Climate Change	BITS Pilani
273	Civil Engineering	S B Singh	Vummadisetti Sudhir	2014PHXF0409P	The Study of Postbuckling Response, Failure and Strength of Functionally Graded Composite Plate with Cutouts	BITS Pilani
274	Civil Engineering	Anshuman	Manpreet Singh	2014PHXF0429P	Assessment Potential of Marble Slurry as a Mineral Admixture on Concrete	Project-DST
275	Civil Engineering	Shuvendu Patel	Vasanth Keshav	2015PHXF0004P	Dynamic Buckling Response of Laminated Composite Shell Structures	Project-CSIR
276	Civil Engineering	Ravi Kant Mittal	Gourav Deep Singh Gill	2015PHXF0005P	Improving Load Carrying Capacity of Marginal using Tire Chips and Geogrid	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
277	Civil Engineering	Dr. Rajitha	Manne Mounika	2015PHXF0405H	Satellite derived attributes of Plant Functional Types for estimating Net Primary Productivity (NPP) through process models.	BITS Pilani
278	Civil Engineering	Dr. Arkamitra Kar	Ashok Kumar Suluguru	2015PHXF0406H	Behavior of Shallow Foundation Resting on Soil Partially Replaced with Building Derived Materials under Static Loads	BITS Pilani
279	Civil Engineering	Dr. Chandu Parimi	Challagulla Surya Prakash	2015PHXF0407H	Dynamic behavior of primary structures, attached with flexibly connected secondary systems	BITS Pilani
280	Civil Engineering	Prof. Sridhar Raju	Vineesha Chundi	2016PHXF0007H	Pavement Asset Management System for Indian Highways	BITS Pilani
281	Civil Engineering	Dr. Bahurudeen A	Athira Gopinath	2016PHXF0051H	Yet to submit research proposal for DCC approval	BITS Pilani
282	Civil Engineering	Prof.P.N.K.Rao	Katla Bhanuprasad	2016PHXF0111H	Yet to submit research proposal for DCC approval	NA
283	Civil Engineering	To be approved	Virender Singh Phogat	2016PHXF0501P	Yet to submit research proposal for DCC approval	NA
284	Civil Engineering	Dr. Anasua GuhaRay	M Jayatheja	2016PHXP0403H	Yet to submit research proposal for DCC approval	Project-DST
285	Civil Engineering	Dr. Mohan S.C	Cherukuru Bala Venkata Hareen	2016PHXP0404H	Yet to submit research proposal for DCC approval	BITS Pilani
286	Civil Engineering	To be approved	Soumya Kar	2016PHXP0405P	Yet to submit research proposal for DCC approval	Project-DST
287	Civil Engineering	Prof. K.S. Raju	Gayam Akshara	2016PHXP0501H	Yet to submit research proposal for DCC approval	NA
288	Civil Engineering	Dr. Anasua Guharay	Syed Mazhar	2017PHXP0007H	Yet to submit research proposal for DCC approval	BITS Pilani
289	Civil Engineering	Dr. Arkamitra Kar	R Kruthi Kiran	2017PHXP0008H	Yet to submit research proposal for DCC approval	BITS Opera
290	Civil Engineering	Prof. A. Vasan	Maddukuri Naveen Naidu	2017PHXP0009H	Yet to submit research proposal for DCC approval	Project-CSIR
291	Civil Engineering	To be approved	Raya Raghavendra Kumar	2017PHXP0040P	Yet to submit research proposal for DCC approval	Project-DST

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
292	Civil Engineering	To be approved	Pawan Kumar Singh	2017PHXP0102P	Yet to submit research proposal for DCC approval	NA
293	Civil Engineering	To be approved	Karmendra Kumar Agrawal	2017PHXP0105P	Yet to submit research proposal for DCC approval	NA
294	Civil Engineering	To be approved	Anubhav Tiwari	2017PHXP0107P	Yet to submit research proposal for DCC approval	NA
295	Computer Science & Information System	To be approved	Aryav Yadav	2017PHXP0026P	Yet to submit research proposal for DCC approval	BITS Pilani
296	Computer Science & Information System	To be approved	V Anand	2017PHXP0034P	Yet to submit research proposal for DCC approval	BITS Pilani
297	Computer Science and Information Systems	Poonam Goyal	Jagat Sesh Challa	2006PH120559P	Design and Development of Distributed and Concurrent Data Structures for Data Mining Algorithms	BITS Pilani
298	Computer Science and Information Systems	Dr. S. K. Sahay	Aruna Govada	2009PHXF0008G	Study In Data Reduction and Multi-Class Classification for Distributed Data	NA
299	Computer Science and Information Systems	Rahul Banerjee	T Rajkiran Reddy	2010PHXF0002P	Design and Implementation of a Wearable Computing jacket for Avoiding Accidents Arising out of Reflex Degradation	NA
300	Computer Science and Information Systems	Dr. Lucy Gudino	Mahadev Gawas	2010PHXF0020G	Cross Layer Design Methodology to Optimize the Quality of Service in Ad hoc Network	NA
301	Computer Science and Information Systems	Dr. Aruna Malapati	Prafulla Kalapatapu	2010PHXF0032H	Smart play list generation using Data Mining Techniques	NA
302	Computer Science and Information Systems	Rahul Banerjee	Nitin Singh Rajput	2010PHXF0412P	Strategies and algorithms for efficient and secure network communication in intelligent transportation systems	NA
303	Computer Science and Informatio	Navneet Goyal	Saiyedul Islam	2011PH030062P	Design of a Parallelizing Compiler for a Domain Specific Language for Data	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	n Systems				Mining	
304	Computer Science and Information Systems	Dr. R. K. Mittal	Nand Kumar	2011PHXF0001U	Analytical Architectural and Security Models for Private Cloud Deployment, Applications and Hosting	NA
305	Computer Science and Information Systems	Dr. M. Madiajagan	Tina Francis	2011PHXF0002U	Contextual Data Handling In Smart Devices using Platform as a service cloud model	NA
306	Computer Science and Information Systems	Dr. Biju. K .Raviendran	Shubhangi K. Gawali	2011PHXF0020G	Design of high performance energy efficient scheduling algorithms for uniprocessor and multiprocessor/multicore hard real – time systems	NA
307	Computer Science and Information Systems	Dr.K. R. Anupama	Sreejith V	2011PHXF0021G	Development of Network Architecture and Protocol Stack for Mobile Wireless Sensor Networks	NA
308	Computer Science and Information Systems	Navneet Goyal	Sonal Kumari	2011PHXF0044P	Parallelizing data mining algorithms to achieve high performance on cluster of multi-core work-stations	TCS
309	Computer Science and Information Systems	Prof. C R Hota	Abhishek Kumar Thakur	2011PHXF0402H	Optimization of Media Delivery over Wireless Networks	NA
310	Computer Science and Information Systems	Dr. Lucy Gudino	Shamanth.N	2011PHXF0405G	Energy efficient medium access control protocol for wireless sensor network with sectored antenna	NA
311	Computer Science and Information Systems	Dr. Biju K. Raveendran	Geeta Patil	2011PHXF0409G	Design of Energy Efficient Cache Architecture for Uniprocessor and Multicore Systems	NA
312	Computer Science and Information Systems	Dr. N.L.Bhanu Murthy	Muthukumaran K.	2011PHXF0415H	Design and Implementation of generic bug prediction model	NA
313	Computer Science	Dr. B. Vijayakumar	Milu Mary Philip	2012PHXF0003U	Software Architectural Design for Interactive	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	and Information Systems				and Data Stream Oriented Systems with Changing Requirements	
314	Computer Science and Information Systems	Poonam Goyal	Chandramani Chaudhary	2012PHXF0010P	Image search using relevant models and visual concepts for image retrieval on complex queries	NA
315	Computer Science and Information Systems	Dr. S. K. Sahay	Ashu Sharma	2012PHXF0011G	Study and design of anti-malwares to detect evolutionary polymorphic and metamorphic malwares	NA
316	Computer Science and Information Systems	Prof. C R Hota	Vijay Lakshmi	2012PHXF0200H	Yet to submit research proposal for DCC approval	NA
317	Computer Science and Information Systems	Navneet Goyal	Amit Kumar Singh	2012PHXF0419P	Detection of malicious web sites using web mining	NA
318	Computer Science and Information Systems	Dr. Gururaj	T Anitha	2012PHXF0513H	Integration of Heterogeneous Data sources Using XML Technology	NA
319	Computer Science and Information Systems	Dr. Thatagata Ray	Neha Singh	2012PHXF0514H	Quality Mesh Generation from a point cloud data	NA
320	Computer Science and Information Systems	Dr. Aruna Malapati	Saikiranmai Gorla	2012PHXF0531H	Named Entity Recognition and Classification for Telugu Language	BITS Pilani
321	Computer Science and Information Systems	Navneet Goyal	Prerna Kaushik	2013PH120192P	Developing streaming and online algorithms for Social Media Analytics	BITS Pilani
322	Computer Science and Information Systems	Dr. S. Vadivel	Praseetha V.M	2013PHXF0005U	Mobile Based Cloud Computing: An Improved Mobile Based Cloud/Cloudlet Application for Age, Gender and Skin Color Detection from Human Facial Images	NA
323	Computer Science	Dr. B. Vijayakumar	Nithya K	2013PHXF0007U	Design, analysis and implementation of	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	and Information Systems				algorithms for allocation, storage and retrieval of distributed multimedia data	
324	Computer Science and Information Systems	Dr. Sujala D. Shetty	Lekha R.Nair	2013PHXF0008U	Performance optimized big data analytic system in cloud environment	NA
325	Computer Science and Information Systems	Yashvardhan Sharma	Rupal Bhargava	2013PHXF0009P	Analyzing Sentiments using Text Summarization	BITS Pilani
326	Computer Science and Information Systems	Mukesh Kumar Rohil	Neetika Gupta	2013PHXF0010P	Markerless Image Registration using Pattern Recognition Techniques for Augmented Reality Applications	BITS Pilani
327	Computer Science and Information Systems	Dr. B. Vijayakumar	Sasikumar K	2013PHXF0011U	Design and Development of Dynamic Data Replication Strategy for the Distributed Cloud Database	NA
328	Computer Science and Information Systems	Dr. Geetha Kumari	Deevi Radha Rani	2013PHXF0109H	Design of a Cloud Forensic VM Level Framework for Infrastructure as a Service Model	NA
329	Computer Science and Information Systems	Dr. Neena Goveas	T S R K Prasad	2013PHXF0200G	Structural transformations on multidimensional networks	NA
330	Computer Science and Information Systems	Dr. Aruna Malapati	Surender Singh Samant	2013PHXF0200H	Predicting Future Events by Identifying Causal Relations Between Events from Social Media	NA
331	Computer Science and Information Systems	Prof. C R Hota	Gokul Kannan Sadasivam	2013PHXF0201H	Distributed Architecture for Security Threat Analysis of Network Traffic Traces	NA
332	Computer Science and Information Systems	Dr. Hemant Pande	Sanjay Laxmikant Joshi	2013PHXF0301G	Predicting Reliability in Software Product Development Environment	NA
333	Computer Science and Informatio	Dr. Neena Goveas	Abhinandan H Patil	2013PHXF0408G	Design and Implementation of Combinatorial Testing based Test suites for	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	n Systems				Operating Systems used for Internet of Things	
334	Computer Science and Information Systems	Dr. Geetha Kumari	Bksp Kumar Raju Alluri	2013PHXF0411H	Integrating Digital Forensic Capabilities in Cloud for Incident Handling	NA
335	Computer Science and Information Systems	Dr. Biju K Raveendran	Gaurav Gupta	2013PHXF0502G	Not submitted the proposal	NA
336	Computer Science and Information Systems	Navneet Goyal	Asma Rani	2013PHXF0601P	Design and Development of a Framework for Data Provenance	NA
337	Computer Science and Information Systems	Dr. Santanu Sarkar	Sreekrishnan Venkateswaran	2014PHXF0012G	Designing Meta-Clouds For Hybrid Cloud Brokerage	NA
338	Computer Science and Information Systems	Dr. Neena Goveas	G B Vardaraju	2014PHXF0013G	Design and Analysis of an Architecture for Underwater Wireless Sensor Network to Study Acoustic Signature of Ships	NA
339	Computer Science and Information Systems	Dr. Sujala D. Shetty	Aljo Jose	2015PHXF0002U	Secure and Real time Authorization of In - flight sale transaction payments	
340	Computer Science and Information Systems	Prof. C R Hota	Rajesh Kumar Shrivastava	2015PHXF0005H	Code Tamper-Proofing Using Return Oriented Programming on IoT Devices	Project-DBT
341	Computer Science and Information Systems	K Haribabu	Sandhya	2015PHXF0007P	Design and Development of Models for Enhancing the Performance and Management of Computer Networks Using Software Defined Networking Paradigm	BITS Pilani
342	Computer Science and Information Systems	Dr. Biju K. Raveendran	Julieta Luiza Louella M. Mesquita	2015PHXF0009G	Yet to submit research proposal for DCC approval	NA
343	Computer	Dr. Veeky	Mayur	2015PHXF0	Modeling cognitive	UGC-

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Science and Information Systems	Baths	Jartarkar	016G	functions of consumer behaviour using computational biology-brainwave measurement technology and machine learning	JRF
344	Computer Science and Information Systems	Dr. Sanjay K Sahay	Mohit Sewak	2015PHXF0023G	Yet to submit research proposal for DCC approval	NA
345	Computer Science and Information Systems	Dr. Biju K Raveendran	Arun S Nair	2015PHXF0024G	Yet to submit research proposal for DCC approval	NA
346	Computer Science and Information Systems	Prof. C R Hota	Sanket Mishra	2015PHXF0408H	Cognitive IoT Resilient Framework for Smart Buildings	TCS
347	Computer Science and Information Systems	Dr. Anand N Murthy	B S A S Rajita	2015PHXF0409H	Analysis of Temporally Evolving Social Network Patterns	BITS Pilani
348	Computer Science and Information Systems	Prof. C R Hota	Nikhil Ap	2015PHXF0506H	Yet to submit research proposal for DCC approval	NA
349	Computer Science and Information Systems	Dr. Aruna Malapati	Avinash Kumar	2015PHXF0507H	Opinion Mining Challenges of Social Media Content and Sentiment polarity detection	NA
350	Computer Science and Information Systems	Dr. Santonu Sarkar	Alavani Gargi Kabirdas	2016PHXF0008G	Yet to submit research proposal for DCC approval	Project-DST
351	Computer Science and Information Systems	Dr. Geetha Kumari	Rashmi Sahay	2016PHXF0009H	Securing the Internet of Things Environment against RPL (Routing Protocol for Low power and Lossy Network) Attacks	BITS Pilani
352	Computer Science and Information Systems	Dr. Ashwin Srinivasan	Tirtharaj Dash	2016PHXF0421G	Yet to submit research proposal for DCC approval	NA
353	Computer Science	Dr. Siddhaling	Ramakrishnan R	2016PHXP0005U	-	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	and Information Systems	Urolagin(Mentor)				
354	Computer Science and Information Systems	Dr. S. Vadivel(Mentor)	Rajesh Thomas	2016PHXP0006U	-	NA
355	Computer Science and Information Systems	Dr. Neena Goveas	Shreenivas Naik	2016PHXP0009G	Yet to submit research proposal for DCC approval	NA
356	Computer Science and Information Systems	Dr. Bharat Deshpande	Devika Ajay Verma	2016PHXP0010G	Yet to submit research proposal for DCC approval	NA
357	Computer Science and Information Systems	Prof. C R Hota	Soumya Prakash Otta	2016PHXP0300H	Yet to submit research proposal for DCC approval	NA
358	Computer Science and Information Systems	Dr. Suvadip Batabyal	Gourish Goudar	2016PHXP0405H	Yet to submit research proposal for DCC approval	UGC JRF
359	Computer Science and Information Systems	Dr. Barsha Mitra	Poonam Agarwal	2016PHXP0406H	Yet to submit research proposal for DCC approval	BITS Pilani
360	Computer Science and Information Systems	To be approved	Geetika Arora	2016PHXP0406P	Yet to submit research proposal for DCC approval	BITS Pilani
361	Computer Science and Information Systems	Dr. Debasish Das	Harsha.V	2016PHXP0411G	Yet to submit research proposal for DCC approval	Project-DST
362	Computer Science and Information Systems	Dr. Santonu Sarkar	Jyotirmoy Sarkar	2016PHXP0412G	Yet to submit research proposal for DCC approval	NA
363	Computer Science and Information Systems	Dr. Ramprasad Joshi	Prashant Ganesh Joshi	2016PHXP0413G	Yet to submit research proposal for DCC approval	NA
364	Computer	Dr.	P V Sandeep	2016PHXP0	Yet to submit research	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Science and Information Systems	Subhrakanta Panda		502H	proposal for DCC approval	
365	Computer Science and Information Systems	Dr. Bharat Deshpande	Rizwan Parveen	2017PHXF0027G	Yet to submit research proposal for DCC approval	NA
366	Computer Science and Information Systems	Dr. Bharat Deshpande	Srinivas B P	2017PHXP0021G	Yet to submit research proposal for DCC approval	NA
367	Computer Science and Information Systems	Dr. Sudeepta Mishra	Saibharath S	2017PHXP0100H	Yet to submit research proposal for DCC approval	NA
368	Economics & Finance	Dr. Mirdula Goel	Ujjwala Bhand	2010PHXF0815G	A study of scientific research led innovations and market outcomes: with special reference to academic institutions in India.	NA
369	Economics & Finance	Prof. Niranjan Swain	Adepu Ajai Prasad	2011PHXF0440H	Financial Markets Integration and the effectiveness of Monetary Policy Transmission mechanism in India: An Empirical Analysis	UGC JRF
370	Economics & Finance	Prof. Niranjan Swain	Sonia Antil	2012PHXF0050H	Role of Regional Rural Banks in Financial Inclusion	UGC SRF
371	Economics & Finance	Dr. Aswin Kumar Mishra	Preeti E Ramanathan	2013PHXF0007G	Funding paradigms and organization challenges of social enterprise: a focused study of Karnataka state	NA
372	Economics & Finance	M Krishna	Rashpal Kaur	2013PHXF0102P	Analysing the impact of Indian Tax Structure on the Investment Behaviour and Economic Growth	NA
373	Economics & Finance	Dr. Debasis Patnaik	Sandra Maria D'sa	2013PHXF0104G	Water pollution by industrial effluents in western india:Technology options and responses	NA
374	Economics & Finance	Arya Kumar	Aditya Sharma	2013PHXF0409P	Predicting Stock Returns in Indian Equity Markets : A	UGC NET

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Behavioral Finance Approach	
375	Economics & Finance	Dr. V. V. S.N. V. Prasad	Prabhudesai Rohit Subhash	2013PHXF0413G	A Study of Cross-Border Small and Medium Enterprise Alliance Performance	BITS-Pilani
376	Economics & Finance	Dr. Debasis Patnaik	Mavin Henriques	2013PHXF0504G	Incentivizing Mental Health Care Structures in Schizophrenic Patients: An Etiological Analysis for its Mitigation	NA
377	Economics & Finance	Dr. Debasis Patnaik	Yadav Shashi Lata	2013PHXF0508G	Assessment of Quality Care In Hospitals: A Case Study of Goa	NA
378	Economics & Finance	Dr. Aswin Kumar Mishra	Anil Kumar	2013PHXF0509G	Comprehensive Health Insurance in the Context of Pervasive Disparities in Health Care services: Evidence from State of Bihar in India	NA
379	Economics & Finance	Prof. Niranjan Swain	Sai Priya	2013PHXF0510H	Once Bitten Once Shy: Learning or Conservatism after Audit Failure?	NA
380	Economics & Finance	A K Giri	Shruti Shastri	2013PHXF0513P	Twin Deficits and its Sustainability :Evidences from Selected Asian Countries	NA
381	Economics & Finance	Dr. Debasis Patnaik	Yadav Poonam	2014PHXF0005G	Demographic and Psychological factors determinants of Organizational Commitment and Organizational Productivity in Public and Private Sector Units.	NA
382	Economics & Finance	Dr. Debasis Patnaik	Sudhir P R	2014PHXF0006G	Assessment and Mitigation of Technology and Operational risk in financial decision making by non financial firms	NA
383	Economics & Finance	Dr. Debasis Patnaik	Raj Viswanath Amonkar	2014PHXF0007G	Supply Chain Collaboration across the Sea Port Logistics Network in India	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
384	Economics & Finance	Dr. Debasis Patnaik	Riyanka Swain	2015PHXF0007G	Assessment of Corporate Governance practices in Select Banks and Non-Banking Financial Institutions in India	BITS-Pilani
385	Economics & Finance	To be approved	Vaibhav Shastri	2015PHXF0008P	Yet to submit research proposal for DCC approval	BITS Pilani
386	Economics & Finance	Dr. Debasis Patnaik	Sardinha Shalom Mathew	2015PHXF0018G	Development of Loss Reduction Techniques in Generation-Transmission and Distribution of Electricity in India	NA
387	Economics & Finance	To be approved	Neha Gupta	2015PHXF0405P	Yet to submit research proposal for DCC approval	BITS Pilani
388	Economics & Finance	To be approved	Zeeshan	2015PHXF0406P	Yet to submit research proposal for DCC approval	BITS Pilani
389	Economics & Finance	N V Muralidhar Rao	Ankur Joshi	2015PHXF0503P	Design and Development of Robust Credit Risk Management and Risk Appetite Framework for the Banking Sector	NA
390	Economics & Finance	Prof. Niranjan Swain	Bhavya Singhvi	2015PHXF0510H	Yet to submit research proposal for DCC approval	NA
391	Economics & Finance	Prof. Niranjan Swain	Arkaja Kumari	2015PHXF0511H	Yet to submit research proposal for DCC approval	NA
392	Economics & Finance	Dr. Sudatta Banerjee	Nishant Agarwal	2015PHXP0509H	Yet to submit research proposal for DCC approval	NA
393	Economics & Finance	Prof. Niranjan Swain	Sandeep Kayastha	2016PHXF0200H	Yet to submit research proposal for DCC approval	NA
394	Economics & Finance	Dr. Aswin Kumar Mishra	Abhishek Kumar Sinha	2016PHXP0011G	Yet to submit research proposal for DCC approval	BITS-Pilani
395	Economics & Finance	Dr. Anoop Kumar	Saurabh Jain	2016PHXP0012G	Yet to submit research proposal for DCC approval	NA
396	Economics & Finance	Dr. V. V. S.N. V. Prasad	Coutinho Shawnn Melicio	2016PHXP0013G	Yet to submit research proposal for DCC approval	NA
397	Economics & Finance	To be approved	Jyoti Tanwar	2016PHXP0407P	Yet to submit research proposal for DCC approval	UGC JRF
398	Economics &	To be approved	Anuradha Singh	2016PHXP0408P	Yet to submit research proposal for DCC	UGC NET

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Finance				approval	
399	Economics & Finance	Yet to be decided	Jeramia Allan Poland	2016PHXP0503H	Yet to submit research proposal for DCC approval	NA
400	Economics & Finance	Prof. Vijay Marisetty	Sanjay Mansabdar	2016PHXP0504H	Yet to submit research proposal for DCC approval	NA
401	Economics & Finance	Dr. Durgesh Chandra Pathak	K Vasumathi	2016PHXP0505H	Yet to submit research proposal for DCC approval	NA
402	Economics & Finance	Dr. Nagaraju Thota	Puli Sreenivasulu	2016PHXP0506H	Yet to submit research proposal for DCC approval	NA
403	Economics & Finance	Dr. Anoop S Kumar	Manogna R L	2017PHXP0001G	Yet to submit research proposal for DCC approval	BITS-Pilani
404	Economics & Finance	Dr. Rajorshi Sen Gupta	King David Kweku Botchway	2017PHXP0010G	Yet to submit research proposal for DCC approval	BITS-Pilani
405	Economics & Finance	Dr. Swati Alok	Rajthilak R	2017PHXP0010H	Yet to submit research proposal for DCC approval	BITS Pilani
406	Economics & Finance	Dr. Archana Srivastava	Keerti Mallela	2017PHXP0011H	Yet to submit research proposal for DCC approval	BITS Pilani
407	Economics & Finance	Dr. Sudatta Banerjee	R Vaidehi	2017PHXP0101H	Yet to submit research proposal for DCC approval	NA
408	Economics & Finance	Dr. Hussain Yaganti	Karuna Bohini	2017PHXP0102H	Yet to submit research proposal for DCC approval	NA
409	Economics & Finance	Dr. Rishi Kumar	Abraham K P	2017PHXP0103H	Yet to submit research proposal for DCC approval	NA
410	Electrical & Electronics Engineering	Dr. A. B. Chattopadyay	P. Velmurugan Passport No: Z3371111	2013PHXF0001U	Detection of High Impedance Fault (DoHIF)	NA
411	Electrical & Electronics Engineering	Dr. Anand Kumar	Devisree S	2013PHXF0002U	Model and design an optimized Nano crossbar architecture with built in fault tolerance	NA
412	Electrical & Electronics Engineering	Dr. Anand Kumar	Arivarasi	2014PHXF0002U	Design of micro dimension 3D printing process and application to sensors	NA
413	Electrical	Dr. A. B.	Julia T. J	2014PHXF0	Modeling and Stability	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	& Electronics Engineering	Chattopadyay		003U	Analysis of Doubly Fed Induction Generator for Renewable Energy	
414	Electrical & Electronics Engineering	Dr. Jagadish Nayak	Y. Praveen Kumar Reddy	2014PHXF0005U	A Fast and Robust Medical Image Registration Modeled by Applicationi-Specific Geometry	NA
415	Electrical & Electronics Engineering	Dr. Sunil Thomas	Syed Faizullah Faisal	2014PHXF0900U	Application of Modular Multilevel Converters (MMC) for HVDC Transmission	NA
416	Electrical & Electronics Engineering	Dr . Mary Lourde R	Sreeja Rajendran	2014PHXF0902U	Investigation on Hardware Threats and Developing a Novel Algorithm for Secure Hardware Design and Authentication	NA
417	Electrical & Electronics Engineering	Dr. Mary Lourde R	Bibina V.C	2015PHXF0005U	Early Detection Of Alzheimer's Type of Dementia : An Application of Biomedical Signal Processing	NA
418	Electrical & Electronics Engineering	To be approved	Punit Khatri	2017PHXF0009P	Yet to submit research proposal for DCC approval	Project-DST
419	Electrical & Electronics Engineering	To be approved	Kanika	2017PHXF0027P	Yet to submit research proposal for DCC approval	BITS Pilani
420	Electrical & Electronics Engineering	Dr Abdul Rajak(Mentor)	Ashok Kumaravelan	2017PHXP0002U	-	NA
421	Electrical & Electronics Engineering	Dr Abdul Rajak(Mentor)	Siona Menezes Picardo	2017PHXP0003U	-	NA
422	Electrical &	To be approved	Poonam Poonia	2017PHXP0016P	Yet to submit research proposal for DCC	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Electronics Engineering				approval	
423	Electrical & Electronics Engineering	To be approved	Teena Gakhar	2017PHXP0020P	Yet to submit research proposal for DCC approval	BITS Pilani
424	Electrical & Electronics Engineering	To be approved	Ankita Anand	2017PHXP0104P	Yet to submit research proposal for DCC approval	NA
425	Electrical and Electronics Engineering	S Gurunarayanan	G Sai Sesha Chalapathi	2004PH400558P	Development and Implementation of Time Synchronization, Topology Control & Localization Protocols for Wireless Sensor Networks and their Performance Analysis	NA
426	Electrical and Electronics Engineering	Dr. BVVSN Prabhakar Rao	Madhuri Bayya	2009PHXF0445H	Development of intelligent UPS systems using knowledge based management techniques	NA
427	Electrical and Electronics Engineering	Prof. M B Srinivas	Syed Ershad Ahmed	2009PHXF0448H	High Performance VLSI Arithmetic Circuits	NA
428	Electrical and Electronics Engineering	Prof. M B Srinivas	Avinash S Vaidya	2010PH080017H	Design and implementation of a novel beamforming algorithm for portable ultrasound imaging	TCS
429	Electrical and Electronics Engineering	Dr.K. R. Anupama	Dhongdi Sarang Chandrashekhar	2010PHXF0022G	Development of Energy Efficient Network Architecture and Protocol Stack for Underwater Wireless Sensor Networks (UWSNs)	NA
430	Electrical and Electronics Engineering	Prof. M B Srinivas	Vulligaddala Veeresh Babu	2010PHXF0703H	Battery management and monitoring system for HEV (Hybrid Electric Vehicles) and EV (Electrical Vehicles)	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
431	Electrical and Electronics Engineering	Solomon Raju Kota	Gaurav Purohit	2011PHXF0004P	An energy efficient Reconfigurable Digital Base Band Architecture for software Defined Radio	NA
432	Electrical and Electronics Engineering	Dr. K M M Rao	Paramkusham Spandana	2011PHXF0013H	Study on the methods of Image Registration, Image Fusion, Image Segmentation and Classification of breast images for the early Detection of Breast cancer	NA
433	Electrical and Electronics Engineering	Prof. Yoganandam	M K Kaushik	2011PHXF0416H	Optimal Selection of Spectrum Sensing Methods- A Dynamic Approach	NA
434	Electrical and Electronics Engineering	Anu Gupta	Priya Gupta	2011PHXF0416P	Architectural Exploration and Implementation of Low Power Memory & Arithmetic Circuits using Subthreshold Design Techniques	NA
435	Electrical and Electronics Engineering	Karunesh Kr. Gupta	Satish Mohanty	2011PHXF0418P	Vibro-Acoustic Signal Analysis in Characterizing Materials	NA
436	Electrical and Electronics Engineering	Dr. Alivelu Manga Parimi	Haripriya T	2011PHXF0430H	Study of HVDC transmission-based grid for green energy harvesting using simulation	NA
437	Electrical and Electronics Engineering	Dr. K. R. Anupama	Ch. S. Sankhar Ready	2012PHXF0001G	Development of network protocol stack and image processing algorithms for data gathering using biomimetic robots	NA
438	Electrical and Electronics Engineering	Dr. K. R. Anupama	Meetha V Shenoy	2012PHXF0002G	Development of optical dispersion and aggregation techniques/algorithms- time synchronization and localization for mobile bio-mimetic robotic units	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
439	Electrical and Electronics Engineering	Prof. M B Srinivas	A Mahesh Kumar	2012PHXF0300H	Yet to submit research proposal for DCC approval	NA
440	Electrical and Electronics Engineering	Dr. C. K. Ramesha	Rajalekshmi Kishore	2012PHXF0401G	Spectrum Sensing and Performance Analysis of Cognitive Radio System.	BITS-Pilani
441	Electrical and Electronics Engineering	Prof. Sanket Goel	Himabindu T	2012PHXF0402H	Novel control strategies for multilevel inverter fed induction motor drives	BITS Pilani
442	Electrical and Electronics Engineering	Dr. Anita Agrawal	Praveen G B	2012PHXF0404G	Design and development of an intelligent system for analyzing brain disorders.	BITS-Pilani
443	Electrical and Electronics Engineering	Prof. Yoganandam	K Pavan Kumar Reddy	2012PHXF0502H	Efficient Spectrum usage via Cognitive Radio – A Machine learning approach	NA
444	Electrical and Electronics Engineering	Dr. Alivelu Manga Parimi	Ramchandra Nittala	2012PHXF0508H	Mitigation of Power Quality Problems Using Interline Dynamic Voltage Restorer.	NA
445	Electrical and Electronics Engineering	Dr. Alivelu Manga Parimi	Venkata Pavan Kumar Arapirala	2012PHXF0509H	Tie-line Frequency-bias Control of Interconnected Hybrid Power System	NA
446	Electrical and Electronics Engineering	Dr. S.K. Sahoo	Apurva Kumari	2012PHXF0532H	Processing and analysis of weather degraded images and videos	NA
447	Electrical and Electronics Engineering	Dr. S.K. Sahoo	Ganjikunta Ganesh Kumar	2013PHXF0007H	Studies on Fast Fourier Transform (FFT) Processors for wired/wireless applications	BITS Pilani
448	Electrical	Dr. Amlin	Saif Dilavar	2013PHXF0	Design and analysis of	BITS-

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	and Electronics Engineering	Prince	Nalband	008G	a non-invasive diagnostic system of Knee-joint disorders using vibroarthographic signals	Pilani
449	Electrical and Electronics Engineering	Dr. P K Pattnaik	Poorna Lakshmi.U	2013PHXF0008H	Tunable Silicon photonics devices for optical communications	BITS Pilani
450	Electrical and Electronics Engineering	Dr. M. K. Deshmukh	Athokpam Bharatbushan Singh	2013PHXF0009G	Development of renewable energy based hybrid systems for smart grid applications	BITS-Pilani
451	Electrical and Electronics Engineering	Dr. Lucy Gudino	Kadam Bhushan Vinayak	2013PHXF0010G	Ultra-wideband microstrip antenna beamfomer for wireless applications	BITS-Pilani
452	Electrical and Electronics Engineering	Rajneesh Kumar	Fani Mani	2013PHXF0013P	Design of Single Sensor Based Maximum Power Point Tracker with Soft Switching Converter for Standalone Solar Photovoltaic System	NA
453	Electrical and Electronics Engineering	V K Chaubey	Praveen Kumar Singhal	2013PHXF0104P	Design and Analysis of Routing and Information Dissemination Techniques for Vehicular Ad-hoc Networks	NA
454	Electrical and Electronics Engineering	Surekha Bhanot	Srinath K	2013PHXF0105P	Development of Intelligent Pattern Recognition Algorithms for Qualitative and Quantitative Detection of Adulteration in Edible Items	NA
455	Electrical and Electronics Engineering	Dr. C. K. Ramesha	Khairnar Vikas Vishnu	2013PHXF0409G	Design and Development of Pattern and Polarization Reconfigurable Microstrip Antennas for Wireless Applications	BITS-Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
456	Electrical and Electronics Engineering	Dr. K. R. Anupama	Joshi Abhishek Dilip	2013PHXF0410G	Design of network protocol stack for Airborne Vehicular Networks	BITS-Pilani
457	Electrical and Electronics Engineering	Dr. BVVSN Prabhakar Rao	Manu Gupta	2013PHXF0412H	Early Detection of Brain Tumor Using Magnetic Resonance Imaging	UGC SRF
458	Electrical and Electronics Engineering	Dr. Alivelu Manga Parimi	M.T.L.Gayatri	2013PHXF0413H	Reactive power compensation in micro grids using FACTS device	BITS Pilani
459	Electrical and Electronics Engineering	Dr. P K Pattnaik	Balasubramanian M	2013PHXF0414H	Investigation of Optical MEMS based structures for sensing in Inertial Navigational System	NA
460	Electrical and Electronics Engineering	Rahul Singhal	Abhishek Joshi	2013PHXF0417P	Design and Development of Polygonal Patch Antenna(s) for Wireless Communication Systems	BITS Pilani
461	Electrical and Electronics Engineering	Dr. Alivelu Manga Parimi	Thippana Vishnu Charan	2013PHXF0503H	Optimal Location and installation of Interline Power Flow controller (IPFC)	NA
462	Electrical and Electronics Engineering	Prof. M B Srinivas	Md Hasnat Ali	2013PHXF0505H	Statistical and Computational Analysis of Eye Images for Understanding Ocular Disorders	NA
463	Electrical and Electronics Engineering	Prof. M B Srinivas	Saravanan Sethuraman	2013PHXF0506H	Resilient system with reliability aware architectures for future memory technologies	NA
464	Electrical and Electronics Engineering	Karunesh Kr. Gupta	Jagadish Chandra Joshi	2013PHXF0506P	Design and Development of a Biometric Access Control System Based on Multimodal Techniques Using	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Facial Images	
465	Electrical and Electronics Engineering	Prof. M B Srinivas	C V Diyanesh Babu	2013PHXF0507H	Performance aware energy management for next generation processor and cloud computing systems	NA
466	Electrical and Electronics Engineering	Dr. M. K. Deshmukh	K. Laxminarsimha Chary	2014PHXF0408G	Development of Marine Soundscape for Shallow Under Water Environment	NA
467	Electrical and Electronics Engineering	Dr Nitin Sharma	Khanolkar Shailesh Vijay	2014PHXF0409G	Resource Management Strategies for Device to Device Communication	NA
468	Electrical and Electronics Engineering	Hari Om Bansal	Ravinder Kumar	2014PHXF0412P	Design and Development of an Improved Reference Current Generation Technique for Shunt Active Power Filter	BITS Pilani
469	Electrical and Electronics Engineering	Navneet Gupta	Kavindra Kandpal	2014PHXF0601P	Investigations on Electronic Behavior and Stability Issues of Zinc Oxide (ZnO) based Thin-Film Transistors (TFTs)	NA
470	Electrical and Electronics Engineering	Prof. M B Srinivas	Ramaraju Harikrishnan	2014PHXF0706H	Yet to submit research proposal for DCC approval	NA
471	Electrical and Electronics Engineering	Dr. Dipankar Pal	Reena Fernandes	2015PHXF0008G	Design of Low Power-High Precision and High Speed Data Converters	NA
472	Electrical and Electronics Engineering	Hitesh Datt Mathur	Dhananjay Kumar	2015PHXF0009P	Design and development of intelligent control algorithms for frequency regulation in microgrid	BITS Pilani
473	Electrical and Electronics Engineering	Pravin Kumar A V	Anuj Kumar Ojha	2015PHXF0010P	Performance Enhancement of Cylindrical Dielectric Resonator Antennas for Wireless Applications	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
474	Electrical and Electronics Engineering	Rajneesh Kumar	Prashant Upadhyay	2015PHXF0017P	Design and development of a resonant converter topology to enhance the efficiency of wireless power transfer	MNRE Project
475	Electrical and Electronics Engineering	Dr. Nitin Sharma	Balakrishnan Natarajan	2015PHXF0019G	Aircraft Data Acquisition and Optimization of Flight and Maintenance Planning	NA
476	Electrical and Electronics Engineering	Dheerendra Singh	Dave Heema Bharatkumar	2015PHXF0407P	Design and Analysis of High Performance Impedance Source Inverter (UHP-ZSI) For Adjustable Speed Drive System	BITS Pilani
477	Electrical and Electronics Engineering	Dr. Amlin Prince	Metilda Sagaya Mary N J	2015PHXF0411G	Design and Analysis of Human Locomotion Powered Wide-Band Vibration Energy Harvester.	NA
478	Electrical and Electronics Engineering	Pawan K Ajmera	Himanshu Purohit	2015PHXF0502P	Person Authentication Based on Multi-Model Biometric System	NA
479	Electrical and Electronics Engineering	Hitesh Datt Mathur	Ashish Patel	2015PHXF0601P	Development of Adaptive and Intelligent Control Strategies for Unified Power Quality Conditioner with Distributed Generation (UPQCDG)	NA
480	Electrical and Electronics Engineering	Dr. Sumit Kumar Chatterjee	G Rajashekhar	2015PHXP0512H	Yet to submit research proposal for DCC approval	NA
481	Electrical and Electronics Engineering	Hari Om Bansal	Krishna Veer Singh	2016PHXF0005P	Energy Efficiency Improvement in Plug-in/Solar Hybrid Electric Vehicle using Ultra capacitors	BITS Pilani
482	Electrical and Electronics	To be approved	Rahul Sharma	2016PHXF0006P	Yet to submit research proposal for DCC approval	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Engineering					
483	Electrical and Electronics Engineering	Pravin Kumar A V	Ritish Kumar	2016PHXF0007P	Design and Development of Microstrip Slot-Antenna for Directive Ultra Wideband (UWB) Applications	UGC NET
484	Electrical and Electronics Engineering	Dr. Amlin Prince	Gibin Chacko George	2016PHXF0014G	Yet to submit research proposal for DCC approval	BRNS
485	Electrical and Electronics Engineering	Dr. Dipankar Pal	Naik Akhilesh Gurudas	2016PHXF0015G	Yet to submit research proposal for DCC approval	BITS-Pilani
486	Electrical and Electronics Engineering	Dr. Nitin Sharma	Kalyan Ram B	2016PHXF0016G	Yet to submit research proposal for DCC approval	NA
487	Electrical and Electronics Engineering	Navneet Gupta	Karri Babu Ravi Teja	2016PHXF0201P	Study on Material Issues and Electronic Behavior of Organic Thin Film Transistor (O-TFT)	NA
488	Electrical and Electronics Engineering	Karunesh Kr. Gupta	Jahagirdar Ankush Chandrakant	2016PHXF0202P	Machine Condition Monitoring using Vibration and Acoustic Signal Processing Techniques	NA
489	Electrical and Electronics Engineering	Anantha Krishna Chintapalli	Harshavardhan S	2016PHXF0203P	Computational model predictions of vowel level, age and hearing loss on concurrent vowel identification	NA
490	Electrical and Electronics Engineering	Karunesh Kr. Gupta	Devesh Samaiya	2016PHXF0204P	Development of algorithms for video analysis in compressed domain	NA
491	Electrical and Electronics Engineeri	Arnab Hazra	Prateek Bindra	2016PHXF0409P	Titanium dioxide nanostructures based devices for selective vapor sensing	Project-DST

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	ng					
492	Electrical and Electronics Engineering	Dr. Narayan Manjarekar	Vivek Chandran K P	2016PHXF0423G	Yet to submit research proposal for DCC approval	NA
493	Electrical and Electronics Engineering	To be approved	Abheek Gupta	2016PHXF0423P	Yet to submit research proposal for DCC approval	Project-DST
494	Electrical and Electronics Engineering	To be approved	Praveen Kumar Sharma	2016PHXF0502P	Yet to submit research proposal for DCC approval	NA
495	Electrical and Electronics Engineering	Dr. Runa Kumari	Sandeep Kumar	2016PHXF0600H	Investigations on Possible Realization of Wideband High Efficiency Compact Metamaterial-Based Antenna for Wireless Applications	NA
496	Electrical and Electronics Engineering	Dr. Surya Sahnkar Dan	Ramakant	2016PHXF0601H	Development of Physics-based Compact Analytical Model and Simulation of Double-Gate Fully Depleted Silicon-on-Insulator Tunnel Field Effect Transistor (DG FDSOI TFET) Device	NA
497	Electrical and Electronics Engineering	Dr. Runa Kumari	Rajamanuri Venkata Sravya	2016PHXP0013H	Yet to submit research proposal for DCC approval	BITS Pilani
498	Electrical and Electronics Engineering	Dr. Sumit Kumar Chatterjee	Sravankumar Vittapu	2016PHXP0014H	Yet to submit research proposal for DCC approval	BITS Pilani
499	Electrical and Electronics Engineering	Dr. S R Zinka	Vinnakota Sarath Sankar	2016PHXP0015H	Yet to submit research proposal for DCC approval	BITS Pilani
500	Electrical and	Prof. Sanket Goel	Puneeth S B	2016PHXP0016H	Yet to submit research proposal for DCC	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Electronics Engineering				approval	
501	Electrical and Electronics Engineering	Dr. Souvik Kundu	P Michael Preetam Raj	2016PHXP0017H	Yet to submit research proposal for DCC approval	BITS Pilani
502	Electrical and Electronics Engineering	To be approved	Manabala Santosh Kumar	2016PHXP0103P	Yet to submit research proposal for DCC approval	NA
503	Electrical and Electronics Engineering	Prof. Sanket Goel	Dipankar Nath	2016PHXP0113H	Yet to submit research proposal for DCC approval	NA
504	Electrical and Electronics Engineering	Dr. Surya Sahnkar Dan	Sanjay Vidhyadharan	2016PHXP0409H	Yet to submit research proposal for DCC approval	BITS Pilani
505	Electrical and Electronics Engineering	To be approved	Satish Kumar Rai	2016PHXP0503P	Yet to submit research proposal for DCC approval	NA
506	Electrical and Electronics Engineering	Dr. Raghurama G	Chembiyan T	2017PHXF0028G	Yet to submit research proposal for DCC approval	NA
507	Electrical and Electronics Engineering	To be approved	Abhijit Pradip Chaudhari	2017PHXF0301P	Yet to submit research proposal for DCC approval	NA
508	Electrical and Electronics Engineering	Prof. Sanket Goel	Rewatkar Prakash Palasram	2017PHXP0012H	Yet to submit research proposal for DCC approval	Project-DST
509	Electrical and Electronic	Dr. Soumya J	Uppugunduru Anil Kumar	2017PHXP0014H	Yet to submit research proposal for DCC approval	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	s Engineeri ng					
510	Electrical and Electronic s Engineeri ng	Dr. S K Sahoo	Simhadri Hariprasad	2017PHXP0 015H	Yet to submit research proposal for DCC approval	BITS Pilani
511	Electrical and Electronic s Engineeri ng	Dr. Saroj Mondal	Arun Mohan B	2017PHXP0 016H	Yet to submit research proposal for DCC approval	BITS Pilani
512	Electrical and Electronic s Engineeri ng	Dr. Mithun Mondal	Shrimathi H P	2017PHXP0 017H	Yet to submit research proposal for DCC approval	BITS Pilani
513	Humanitie s & Social Sciences	Umesh Dhyani	C V Jayanthi	2011PHXF0 402P	Perspectives on some aspects of ethical awareness in the corporate India and empirical study	NA
514	Humanitie s & Social Sciences	Sanjiv Kumar Chaudhary	Rajani Singh	2011PHXF0 406P	An Empirical study of relation between pedagogical and non-pedagogical factors influencing learners? proficiency in English at Secondary School Level	NA
515	Humanitie s & Social Sciences	Dr. M G Prasuna	Nikhil M G	2011PHXF0 417H	Avatars as Instruments of Affective Learning in Serious Games	NA
516	Humanitie s & Social Sciences	Virendra Singh Nirban	Chasul	2012PHXF0 001P	Technology Acceptance Behavior in English Language and Communication Discipline in Indian Higher Education	NA
517	Humanitie s & Social Sciences	Susheela Shekhawat	Neerja Vyas	2012PHXF0 002P	Film Narratology : A Study of Selected Biopics as a Distinct Genre of Films in Indian Context	NA
518	Humanitie s & Social Sciences	Umesh Dhyani	Mohit Sharma	2012PHXF0 003P	Certain Aspects of Corporate Social ResponsibilityinPublic Sector Undertakings in India: An Empirical Study	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
519	Humanities & Social Sciences	G Harikrishnan Nair	Swarupa Deb	2012PHXF0407P	The Third Gender : A study of Transgender struggle for Rights and Identity in Karnataka and Tamil Nadu between ca. 1990-2013	BITS Pilani
520	Humanities & Social Sciences	Geetha B	Dolly Seehra	2012PHXF0421P	Semiotic Analysis of Selected Films Directed by Mira Nair : Applying the Cinematic and Narrative Codes	BITS Pilani
521	Humanities & Social Sciences	Dr. K. Geetha	B. Gnana Bharathi	2013PHXF0012G	A comparative cultural study of the Irula-Kurumba Tamil folk narratives	BITS-Pilani
522	Humanities & Social Sciences	Dr. Reena Chervalath	Medha Tripathi	2013PHXF0102G	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	NA
523	Humanities & Social Sciences	Geetha B	Shalini Joshi	2013PHXF0112P	Green Tales: Tracing Eco-Consciousness in the Selected Folk Tales of Rajasthan	NA
524	Humanities & Social Sciences	Dr. Reena Chervalath	Pragyan Parimita Barik	2013PHXF0202G	Business – NGO Collaboration- An Emerging and Evolving CSR Mechnism in India	NA
525	Humanities & Social Sciences	Dr. Reena Chervalath	Sebastio Anthony Rodrigues	2013PHXF0411G	Environmental Ethics of Fishing Practices: The case of Goa	BITS-Pilani
526	Humanities & Social Sciences	Dr. K. Geetha	Sushant Kishore	2013PHXF0412G	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	BITS-Pilani
527	Humanities & Social Sciences	G Harikrishnan Nair	Vidhi Agrawal	2013PHXF0431P	Evolving contours of the Political : A comparative study of the modes of political communication employed by	UGC NET

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					movements for the Right to Information and Jan Lokpal between 1996 and 2014	
528	Humanities & Social Sciences	Virendra Singh Nirban	Priyanka Kumari	2013PHXF0432P	An Empirical Study of Intercultural Communication Competence of Young Professionals in Indian Information Technology Industry	BITS Pilani
529	Humanities & Social Sciences	Dr. Shalini Upadhyay	Ranjit Manuel Jude Rodrigues	2013PHXF0503G	A select study to investigate the communication apprehension levels of undergraduate students in colleges in Goa	NA
530	Humanities & Social Sciences	Pushp Lata	Deepak Kumar	2013PHXF0508P	Developing a Framework for Designing English Language Teaching Syllabus for Secondary Class with Multimodal Perspective	NA
531	Humanities & Social Sciences	Dr. Pushkar	Solano Jose Da Silva	2013PHXF0601G	The Dynamics of Land-use Planning: a case Study of Goa.	NA
532	Humanities & Social Sciences	Pushp Lata	Shivangi Priya	2014PHXF0007P	Towards the Empowerment of the Maithili Language: A Sociolinguistic Appraisal	BITS Pilani
533	Humanities & Social Sciences	Dr. R. P. Pradhan	Salaskar Vivek Shivanand	2014PHXF0008G	Migration and Crime: Theory- Empiricism & Indian Experience	NA
534	Humanities & Social Sciences	Dr. Reena Chervalath	Gaude Ajay Ramchandra	2014PHXF0009G	The Effectiveness of Meta-cognitive interventions for managing Problem Behavior Children in Secondary Schools: A case study in Goa	NA
535	Humanities & Social Sciences	Dr. Shalini Upadhyay	Moras Shwetha Jennifer Flossy	2014PHXF0010G	A study to investigate the impact of Spiritual Intelligence on the Job Performance of employees in the IT sector	NA
536	Humanities & Social	Dr. R. P. Pradhan	Prapti Adhikari	2014PHXF0405G	Human Trafficking and Duress Migration:	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Sciences				Socio-Political Perspective of North Eastern States & Assam".	
537	Humanities & Social Sciences	Dr. R. P. Pradhan	Chhavi Rathi	2015PHXF0001G	Sea Ports & Economic Development: The Case Study of Sagarmala & India's Maritime Infrastructure Movement	NA
538	Humanities & Social Sciences	Prof. Sunny Jose	K Lakshmi Jahnavi	2015PHXF0007H	Land, Development and Food!	UGC JRF
539	Humanities & Social Sciences	Kumar Sankar Bhattacharya	Seema Sinha	2015PHXF0101P	Celebrating the Marginals in Indic Myths: An Alternative Reading of the Mother and the Other	NA
540	Humanities & Social Sciences	Dr. Srinivas Rao	Sheetal Desai	2015PHXF0900U	A study of the impact of cultural intelligence of employees on their organizational citizenship behaviors in a multicultural workplace: A Case of select MNCs in the United Arab Emirates.	NA
541	Humanities & Social Sciences	Dr.Geetha B	Tanna Shilpa Shirishkumar	2016PHXF0017G	Graphic Na[rra]tion: A Study of Indian Graphic Novels	BITS-Pilani
542	Humanities & Social Sciences	Dr. R.P.Pradhan	Harinder Singh	2016PHXF0018G	India's Maritime Goodwill Curve: Feasibility and Prospect Analysis	NA
543	Humanities & Social Sciences	To be approved	Abhay Sd Rajput	2016PHXF0102P	Yet to submit research proposal for DCC approval	NA
544	Humanities & Social Sciences	To be approved	Kanupriya Arya	2016PHXF0504P	Yet to submit research proposal for DCC approval	NA
545	Humanities & Social Sciences	Dr. Shalini Upadhyay	Iftekhar Alam	2016PHXP0019G	Yet to submit research proposal for DCC approval	NA
546	Humanities & Social Sciences	Prof. Sunny Joseph	Kopal Khare	2016PHXP0019H	Yet to submit research proposal for DCC approval	BITS Pilani
547	Humanities & Social Sciences	Dr. Santosh Mahapatra	Madhuri Mathur	2016PHXP0114H	Yet to submit research proposal for DCC approval	NA
548	Humanities & Social Sciences	Prof. Arup Maharatna	M Chandrashek her	2016PHXP0115H	Yet to submit research proposal for DCC approval	NA
549	Humanitie	To be	Divya Dosaya	2016PHXP0	Yet to submit research	BITS

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	s & Social Sciences	approved		410P	proposal for DCC approval	Pilani
550	Humanities & Social Sciences	Dr Maya Vinai	Suchismita Ghosh	2016PHXP0411H	Yet to submit research proposal for DCC approval	BITS Pilani
551	Humanities & Social Sciences	To be approved	Shrija Srinivasan	2016PHXP0411P	Yet to submit research proposal for DCC approval	BITS Pilani
552	Humanities & Social Sciences	Dr. Nilak Datta	Neha Yadav	2016PHXP0414G	Yet to submit research proposal for DCC approval	BITS-Pilani
553	Humanities & Social Sciences	Dr.Shazi Shah Jabeen& Dr Srinivas Rao (co Supervisor)	Prakash Inbasekaran	2016PHXP0901U	Relationship between Organizational Diversity Climate and Employee Acculturation Orientation: An Empirical Study among Expatriates in UAE MNCs	NA
554	Humanities & Social Sciences	Dr Shazi Shah jabeen(mentor)	Prakash Narayan Rao	2017PHXP0001U	-	NA
555	Humanities & Social Sciences	To be approved	Namita Ruparel	2017PHXP0005P	Yet to submit research proposal for DCC approval	BITS Pilani
556	Humanities & Social Sciences	Dr. Nilak Datta	Priteegandha Naik	2017PHXP0007G	Yet to submit research proposal for DCC approval	UGC-JRF
557	Humanities & Social Sciences	Dr. Aruna Lolla	Revathy Hemachandran	2017PHXP0018H	Yet to submit research proposal for DCC approval	BITS Pilani
558	Humanities & Social Sciences	To be approved	Aayushi Malhotra	2017PHXP0042P	Yet to submit research proposal for DCC approval	ICSSR project
559	Humanities & Social Sciences	Prof. M G Prasuna	Shruti Chakraborti	2017PHXP0105H	Yet to submit research proposal for DCC approval	NA
560	Management	Kanhaiya Singh	Manish Dave	2010PHXF0448P	An investigation of knowledge management impact on competitiveness : An empirical study of Indian cement industry	NA
561	Management	Debasis Mallik	Parimal R Merchant	2010PHXF0454P	A Study of the Different Approaches Adopted to Induction of the Next Generation Members in Family Businesses Particularly in SME Segment in India.	NA
562	Managem	Anil Bhat	Preeti Tiwari	2011PHXF0	An Empirical	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	ent			037P	Investigation into Determinants of Social Entrepreneurial	
563	Managem ent	Anil Bhat	Arunima Rana	2011PHXF0 421P	Investigations into Modeling Online Brand Equity	NA
564	Managem ent	Anil Bhat	Nirankush Dutta	2011PHXF0 422P	Role of Trust in Online Social Media marketing: A model Building Approach	NA
565	Managem ent	Anil Bhat	Amrita Patwa	2012PHXF0 011P	An Investigation into Antecedents of Employee Engagement and Employee Creativity	NA
566	Managem ent	Sarvesh Sathija	Priyanka Bhattacharya	2012PHXF0 012P	Positive Organizational Practices and Processes in Indian Engineering and Technology Institutes : A Model Building Approach	NA
567	Managem ent	Anil Bhat	Nikita Sharda	2012PHXF0 013P	Antecedents of luxury consumption in India : An empirical investigation	NA
568	Managem ent	Leela Rani	Meenakshi Sharma	2012PHXF0 014P	Understanding impact of social learning forms on environmentally sustainable consumption behavior	UGC JRF
569	Managem ent	Sarvesh Sathija	Shubha Dubey	2013PHXF0 012P	Role of psychological capital in relation with employees perception of organizational Virtuousness and Performance	BITS Pilani
570	Managem ent	Ranjan Banerjee	Bindu Kulkarni	2013PHXF0 303P	Assessing Educational Validity of Business Simulations in Management Education in India	NA
571	Managem ent	Sunil Lakdawala	Aditi Divatia	2013PHXF0 304P	Analysis of Factors Influencing the Maturity of Business Intelligence & Analytical Capability in Indian Organizations	NA
572	Managem ent	Satyendra Kumar Sharma	Ravinder Singh	2013PHXF0 507P	Strategic Sourcing from Risk Management Perspective : A Study of Indian Automobile	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Industry	
573	Management	Satyendra Kumar Sharma	Vijay Kumar Sharma	2013PHXF0512P	Investigation Risk Management Practices and Development of Strategic Risk Management Framework for Logistics Infrastructure Projects	NA
574	Management	R Raghunathan	Sakshi Chhabra	2014PHXF0011P	Promoting Women Entrepreneurship in Indian Micro, Small and Medium Enterprises (MSMEs): An Empirical Analysis	BITS Pilani
575	Management	Udyan Chanda	Omkar Sahoo	2014PHXF0414P	Modelling ICT Diffusion and Optimal ICT Investment Strategy	BITS Pilani
576	Management	Udyan Chanda	Dilawar Ahmed Bhat	2014PHXF0415P	Asset-Liability Management and Economic Capital Modeling: An analysis of Indian Commercial Banking System	UGC NET
577	Management	Anubha Dadhich	Bhanu Mishra	2014PHXF0416P	Antecedents and Outcomes of Organisational Climate : Study of Select Public and Private Hospitals	BITS Pilani
578	Management	Satyendra Kumar Sharma	Munish Pal Singh	2015PHXF0102P	Investigations into Service Operations and Service Quality Dimensions of Indian Automotive after-sales market for enhancing Customer satisfaction	NA
579	Management	Jyoti	Unnikrishnan P M	2015PHXF0103P	Assessing Business Excellence in Indian SME Sector	NA
580	Management	To be approved	Akanksha Gupta	2015PHXF0418P	Yet to submit research proposal for DCC approval	BITS Pilani
581	Management	To be approved	Bhagya M	2015PHXF0501P	To be approved	NA
582	Management	To be approved	Sandhya Pande	2015PHXF0504P	Yet to submit research proposal for DCC approval	NA
583	Management	To be approved	Gaurav Nagpal	2016PHXF0106P	Yet to submit research proposal for DCC approval	NA
584	Managem	Sunil Chandy	Samuel N J	2016PHXF0	Impact of organization	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	ent		David	301P	culture and human resource (HR) practices on the retention of doctors in multi-speciality tertiary care hospitals in private and government sector	
585	Management	R Raghunathan	Sandeep Laxmipathy	2016PHXF0701P	Multi-sided platform business models in India: A strategic analysis	NA
586	Management	To be approved	Himanshu Seth	2017PHXP0015P	Yet to submit research proposal for DCC approval	BITS Pilani
587	Management	To be approved	Rajesh Kandpal	2017PHXP0103P	Yet to submit research proposal for DCC approval	NA
588	Mathematics	Dr. Amit sethia	Bijill Prakash	2010PHXF0021G	Wavelet based numerical methods for solving integral equations	NA
589	Mathematics	Dr. Ramu	Narsimhulu Dunna	2011PHXF0015H	Self -Similar solutions to compressible flow problems	NA
590	Mathematics	Dr. Amit Sethia	Vaishali Sharma	2012PHXF0006G	Numerical methods for solving singular integral equations and its applications	NA
591	Mathematics	P H Keskar	Priyanka Kumari	2013PHXF0005P	Difference Sets and their Applications	UGC NET
592	Mathematics	Dr. P. Dhanumjaya	Santosh Kumar Bhal	2013PHXF0013G	Orthogonal Spline Collocation Methods for Reaction Diffusion Equations	BITS-Pilani
593	Mathematics	Dr. Tarkeshwar Singh	Adarsh Kumar Handa	2013PHXF0100G	Magic and Antimagic Labelings of Graphs and Digraphs.	NA
594	Mathematics	Bhupendra Sharma	Bhavya Tripathi	2013PHXF0435P	Analysis of Arterial Blood Flow with/without Heat and Mass Transfer in the Presence of Variable Viscosity	BITS Pilani
595	Mathematics	Dr. Tarkeshwar Singh	Godonho Aloysius Querobino	2014PHXF0001G	Advances in the Theory of Magic And Antimagic graphs.	BITS-Pilani
596	Mathematics	Dr. Manoj Kumar Pandey	Govekar Sweta Suryakant	2014PHXF0011G	Group Theoretic Methods to Study Certain Hyperbolic Systems of PDEs	NA
597	Mathematics	Dr. Bivudutta Mishra	Sankarsan Tarai	2014PHXF0411H	Study on the dynamics of	UGC RGNF

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					anisotropic cosmological models in a modified theory of gravity	
598	Mathematics	Chandrasekhar	Shreekant Varshney	2014PHXF0417P	Finite Source, Finite Capacity, Finite buffer, Multi-server, Threshold policies, Sensitivity analysis, Optimal analysis, State-dependent rates	CSIR SRF
599	Mathematics	Bhupendra Sharma	Swati Sharma	2014PHXF0418P	Numerical Investigation of heat Transfer from Heated Square Cylinder Using Nanofluids in the Presence of Upstream Rectangular Cylinder Under the Couette-Poiseuille Flow	BITS Pilani
600	Mathematics	Chandrasekhar	Amit Kumar	2014PHXF0419P	Stochastic Modeling of Repairable Machining System with Spare Provisioning	BITS Pilani
601	Mathematics	Dr. P. K Sahoo	Parbati Sahoo	2015PHXF0008H	Study of accelerated expansion of universe in the frame work of gravity	BITS Pilani
602	Mathematics	Dr. Bivudutta Mishra	Pratik Premadarshi Ray	2015PHXF0009H	Study on late time cosmic dynamics and some anisotropic dark energy models	BITS Pilani
603	Mathematics	Trilok Mathur	Kocherlakota Satya Pritam	2015PHXF0011P	Generalized Fraction Calculus Operators and Their Applications	CSIR JRF
604	Mathematics	Ashish Tiwari	Satyendra Singh Chauhan	2015PHXF0012P	Blood flow through stenotic arteries with Newtonian or non-Newtonian fluid approach	Project-DST
605	Mathematics	Dr. Jajati Keshari Sahoo	Ashish Kumar Nandi	2015PHXF0017G	Study of matrix splittings and its application in solving singular linear systems	BITS-Pilani
606	Mathematics	Dr. Jajati Keshari Sahoo	Ravi Shankar	2015PHXF0021G	Credit Risk Management: Pricing Collateral Debit Obligations	NA
607	Mathematics	Devinder Kumar	Parveen Kumari	2015PHXF0409P	Boundary Layer Resolving Numerical Methods for Singularly Perturbed Boundary Value Problems	JRF-DST Inspire

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
608	Mathematics	To be approved	Sandeep Dalal	2016PHXF0011P	Yet to submit research proposal for DCC approval	BITS Pilani
609	Mathematics	To be approved	Shruti	2016PHXF0012P	Yet to submit research proposal for DCC approval	BITS Pilani
610	Mathematics	To be approved	Santosh Kumar Yadav	2016PHXF0020P	Yet to submit research proposal for DCC approval	CSIR JRF
611	Mathematics	D. Manoj Kr. Pandey	Pabitra Kumar Pradhan	2016PHXP0021G	Yet to submit research proposal for DCC approval	BITS-Pilani
612	Mathematics	Dr. Kishore Kumar	Basava Seshadri Reddy	2016PHXP0021H	Yet to submit research proposal for DCC approval	Project-DAE
613	Mathematics	Dr. G. C. Samanta	Shah Parth Mukeshbha	2016PHXP0022G	Yet to submit research proposal for DCC approval	Project-DST
614	Mathematics	Dr.K.Venkata Ratnam	Gopishetty Shirisha	2016PHXP0116H	Yet to submit research proposal for DCC approval	NA
615	Mathematics	Dr. Sumit Kumar Vishwakarma	Rupinderjit Kaur	2016PHXP0117H	Yet to submit research proposal for DCC approval	NA
616	Mathematics	Prof. Ramu	Ravilisetty Revathi	2016PHXP0412H	Yet to submit research proposal for DCC approval	JRF-DST
617	Mathematics	To be approved	Ankit Kumar	2016PHXP0412P	Yet to submit research proposal for DCC approval	UGC NET
618	Mathematics	Dr. Manish Kumar	Gopi R	2016PHXP0413H	Yet to submit research proposal for DCC approval	BITS Pilani
619	Mathematics	To be approved	Yogendra Sharma	2016PHXP0413P	Yet to submit research proposal for DCC approval	CSIR JRF
620	Mathematics	Dr. Manish Kumar	Sathish G	2016PHXP0414H	Yet to submit research proposal for DCC approval	Project-DST
621	Mathematics	Dr. G. C. Samanta	Mosani Karim Amir	2016PHXP0415G	Yet to submit research proposal for DCC approval	CSIR SRF
622	Mathematics	To be approved	Vinod Kumar	2016PHXP0421P	Yet to submit research proposal for DCC approval	BITS Pilani
623	Mathematics	Dr. Himadri Mukharjee	Arindam Das	2017PHXP0002G	Yet to submit research proposal for DCC approval	JRF-DST-Inspire
624	Mathematics	Dr. Mayank Goel	Bandana	2017PHXP0003G	Yet to submit research proposal for DCC approval	BITS-Pilani
625	Mathematics	To be approved	Pinki	2017PHXP0003P	Yet to submit research proposal for DCC	Project-DST

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					approval	
626	Mathematics	To be approved	Madhuri Kohli	2017PHXP0006P	Yet to submit research proposal for DCC approval	UGC JRF
627	Mathematics	Dr. Mayank Goel	Komal M Paroolkar	2017PHXP0017G	Yet to submit research proposal for DCC approval	NA
628	Mathematics	Dr. T S L Radhika	Alasakani Karthik	2017PHXP0019H	Yet to submit research proposal for DCC approval	BITS Pilani
629	Mathematics	Dr. Anil Pundir	Jai Tushar	2017PHXP0020G	Yet to submit research proposal for DCC approval	BITS-Pilani
630	Mathematics	To be approved	Deepak	2017PHXP0024P	Yet to submit research proposal for DCC approval	CSIR JRF
631	Mathematics	To be approved	Shivani Sharma	2017PHXP0025P	Yet to submit research proposal for DCC approval	Project-DST
632	Mathematics	Dr. P T V Praveen Kumar	Selvakumar V	2017PHXP0106H	Yet to submit research proposal for DCC approval	NA
633	Mechanical Engineering	Manojkumar S Soni	Nikhil Gakkhar	2010PH060431P	Design and Analysis of Concentrating Solar Parabolic Trough Collector with Thermal Storage for Water Distillation	NA
634	Mechanical Engineering	Dr. Jeevan Jaidi	Barla Madhavi	2010PHXF0028H	Experimental and Numerical Studies on Welded Joint Quality of Advanced High Strength Steels (AHSS) using Hybrid (Friction Stir plus Arc) Welding	NA
635	Mechanical Engineering	N N Sharma	Tamalika Bhakat	2010PHXF0402P	Swelling-Deswelling study of stimuli responsive smart polymer for MEMS application	NA
636	Mechanical Engineering	Prof. Y V D Rao	Shanmukhasundaram V R	2011PH410035H	Number synthesis and structure based rating of multilink epicyclic gear trains satisfying Gruebler's degree of freedom equation.	BITS Pilani
637	Mechanical Engineering	Kuldip Singh Sangwan	Vikrant Bhakar	2011PHXF0009P	Design and development of a sustainability Measurement Framework for Indian Manufacturing Industry	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
638	Mechanical Engineering	Bijay Kumar Rout	Sangram Keshari Das	2012PHXF0402P	Development of navigation and obstacle avoidance control techniques for autonomous mobile robot	UGC Rajiv Gandhi Minorities
639	Mechanical Engineering	N N Sharma	Paridhi Puri	2012PHXF0422P	Design and investigation of 3D carbon electrodes made from different polymeric materials for MEMS Application	BITS Pilani
640	Mechanical Engineering	N N Sharma	Neha Arora	2012PHXF0423P	Comprehensive study on phase transformation of Carbon Black to Carbon nanotubes using Arc discharge method	NA
641	Mechanical Engineering	N N Sharma	Shivani Nain	2012PHXF0424P	Design of on board actuation scheme of a Nanoswimmer	UGC NET
642	Mechanical Engineering	Prof. N. Suresh Kumar Reddy	Sravan Kumar J	2012PHXF0504H	Machinability Studies of Metal Matrix Composites with Different Tool Geometry	NA
643	Mechanical Engineering	Prof. Y V D Rao	Swagatika Mohanty	2012PHXF0534H	Tool Path Planning for Robot Assisted Asymmetric Incremental Sheet Metal Forming for Steep Wall Angle Parts	BITS Pilani
644	Mechanical Engineering	Prof. Srinivasa Prakash Regalla	V Srinivas Rao	2012PHXF0704H	Yet to submit research proposal for DCC approval	NA
645	Mechanical Engineering	Mani Shankar Dasgupta	Simarpreet Singh	2013PHXF0001P	Evaluation of work recovery expansion devices for trans-critical CO2 refrigeration system for Indian operating conditions	NA
646	Mechanical Engineering	Manojkumar S Soni	Sanjeev Jakhar	2013PHXF0002P	Design and Analysis of Concentrating Photo-Voltaic Cooling System with Earth Liquid Tunnel Heat Exchanger	BITS Pilani
647	Mechanical Engineeri	Tufan Chand Bera	Manikandan H	2013PHXF0003P	Study on Surface Errors in Lilling of Thin-Walled	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	ng				Geometries	
648	Mechanical Engineering	Sharad Shrivastava	Neetu Malik	2013PHXF0004P	Development of Engineered Biofibre Enhanced Fully Biodegradable Biocomposites for Flame Retardant Application	BITS Pilani
649	Mechanical Engineering	Prof. N. Suresh Kumar Reddy	Rakesh Kumar.G	2013PHXF0009H	Machinability Studies Using Novel Minimal-Solid Lubricant Mixture Application Method	NA
650	Mechanical Engineering	Dr. Ram Karthikeyan	Nanda Kumar P	2013PHXF0012U	Characterization of CHIPPER (VIKING) die material used for PRESS TOOLS for Blanking & Forming components in HV Switchgear industry	NA
651	Mechanical Engineering	Dr. Ram Karthikeyan	Cherish Mani	2013PHXF0013U	The analysis of Bi metal weld joints of Monel 400 tubes to stainless steel 304 by GTAW process.	NA
652	Mechanical Engineering	Prof. Srinivasa Prakash Regalla	Vvn Satya Suresh	2013PHXF0112H	Minimization of Weld line movement and Improvement of Geometric Accuracy in the forming of Tailor welded blanks (TWB) using finite element methods.	NA
653	Mechanical Engineering	Prof. Srinivasa Prakash Regalla	N. Nasir Hussain	2013PHXF0113H	Study of large elastic – plastic deformations in automobile crash-box with novel geometric shapes	NA
654	Mechanical Engineering	Dr. C.P . Kiran	N Madan Mohan Reddy	2013PHXF0114H	Experimental Investigation Of Eco-Friendly Cutting Fluid In Machining Of Turbine Blade Material For Sustainable Manufacturing	NA
655	Mechanical Engineering	Dr. M. Srinivas	M. Sudhakar	2013PHXF0116H	Energy efficient desalination technologies for different scales of applications in India	NA
656	Mechanical Engineering	Prof. Y V D Rao	T.J. Reddy	2013PHXF0117H	A Study on response and failure of sandwich structures	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
657	Mechanical Engineering	Rajesh Prasad Mishra	Gajanand Gupta	2013PHXF0201P	Development and Implementation of a Reliability Centered Maintenance Model for Manufacturing Industry	NA
658	Mechanical Engineering	Kuldip Singh Sangwan	Narpat Singh Sangwa	2013PHXF0414P	Development of a performance evaluation framework for lean manufacturing	BITS Pilani
659	Mechanical Engineering	Manojkumar S Soni	Sunil	2013PHXF0502P	Progress, challenges, and opportunities of solar thermal-hybrid technologies in Indian context	NA
660	Mechanical Engineering	Sharad Shrivastava	Rohit Upadhyay	2013PHXF0503P	Behavior and Characterization of High Velocity Oxy Fuel (HVOF) Thermal Spray Wear and Corrosion Resistance Coating in Narrow Areas	NA
661	Mechanical Engineering	Dr. Ranjit Patil	Vishal Vasantrao Patil	2013PHXF0505G	Investigations on Performance of Biodiesel Powered Diesel Engine	NA
662	Mechanical Engineering	Dr. Vikas Choudhari	Harichandra Uttam Chandekar	2013PHXF0506G	Investigation of thermo-mechanical characteristics of jute fibre reinforced polypropylene composites	NA
663	Mechanical Engineering	Dr. G. Karthikeyan	Mullya Satish Anand	2013PHXF0507G	Process Simulation and Experimental Investigation at Inter Electrode Gap (IEG) of Micro Electric Discharge Milling (uED-Milling)	NA
664	Mechanical Engineering	Srikanta Routroy	Shishir Goyal	2013PHXF0509P	Design and assessment of green supply chain management for Indian steel industries	NA
665	Mechanical Engineering	Dr. S S Deshmukh	Khalid Anwar	2013PHXF0601H	Development of Energy Management System for Microgrid Operations	NA
666	Mechanical Engineering	Manojkumar S Soni	Vijaykumar P Sonawane	2013PHXF0702P	Techno-Economic Environmental Assessment of Demand Side	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Management (DSM) options	
667	Mechanic al Engineeri ng	Dr. N. Saravanan	Sivakumar Ramalingam	2013PHXF0 705H	Yet to submit research proposal for DCC approval	NA
668	Mechanic al Engineeri ng	Kuldip Singh Sangwan	Kailash Choudhary	2014PHXF0 008P	Development of performance measures to evaluate green supply chain in Indian ceramic industry	BITS Pilani
669	Mechanic al Engineeri ng	Kuldip Singh Sangwan	Nitesh Sihag	2014PHXF0 009P	Development of a model establishing relationship among machining process parameters, energy demand, material removal rate, and surface finish	BITS Pilani
670	Mechanic al Engineeri ng	Mani Shankar Dasgupta	Nilesh Purohit	2014PHXF0 010P	Experimental investigation and parametric optimization of trans-critical CO2 refrigeration system in Indian context	NA
671	Mechanic al Engineeri ng	Ravi Inder Singh	Rajesh Kumar	2014PHXF0 420P	An investigation of lab. scale oxy-fired bubbling fluidized bed combustor by co-firing coal with biomass	Project-DST
672	Mechanic al Engineeri ng	Shyam Sundar Yadav	Kapil Dev Choudhary	2014PHXF0 421P	Parametric optimization of ejector expansion transcritical CO2 refrigeration cycle based on experimental and CFD investigations	NA
673	Mechanic al Engineeri ng	R Udaya Kumar	Kesar Mal Kothari	2014PHXF0 903U	Product reverse engineering and development for a cable pulling winch	NA
674	Mechanic al Engineeri ng	Dr. Santanu Prasad Datta	V Venkateswara Rao	2015H1480 052H	Yet to submit research proposal for DCC approval	BITS Pilani
675	Mechanic al Engineeri ng	Dr. K R C Murthy	Deepak Nabapure	2015H1480 056H	Yet to submit research proposal for DCC approval	BITS Pilani
676	Mechanic al Engineeri ng	Dr. C. Perisamay	Subin M C	2015PHXF0 006U	Experimental Investigations on Performance & Emission	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					characteristics of a variable compression ratio (VCR) engine operated on Dual fuel mode using Diesel and Biodiesel (obtained from Cotton Seed Oil and Rice Bran Oil) with Additives.	
677	Mechanical Engineering	Dr. R. Udayakumar	Sundar. K	2015PHXF0007U	Design and Development of Sustainable Greenhouse	NA
678	Mechanical Engineering	Dr. Amrita Priyadarshini	Chithajalu Kiran Sagar	2015PHXF0010H	Experimental Study and Finite Element Analysis of Machining Behaviour of Tungsten Heavy Alloys	BITS Pilani
679	Mechanical Engineering	Arun Kumar Jalan	Rohit Shamrao Gunerkar	2015PHXF0013P	Fault diagnosis of rolling element bearing with multiple localized defect using mathematical modeling and experimental analysis	BITS Pilani
680	Mechanical Engineering	Murali Palla	Kiran Raj K	2015PHXF0014P	Fracture behavior of biological and bio-inspired composites	BITS Pilani
681	Mechanical Engineering	Dr. Ranjit Patil	Mahesh Dasar	2015PHXF0015G	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	Project-DST
682	Mechanical Engineering	Dr. Pravin M Singru	Shahare Devendra Yadaorao	2015PHXF0025G	Yet to submit research proposal for DCC approval	NA
683	Mechanical Engineering	Dr. Varinder Singh	Rajesh Kumar Jha	2015PHXF0026G	Yet to submit research proposal for DCC approval	NA
684	Mechanical Engineering	Dr. G. Karthikeyan	Kadam Nikhil Rajendra	2015PHXF0410G	Investigation of Multi-layer Ceramic Coatings for High Temperature Contact Surfaces	BITS-Pilani
685	Mechanical	Prof. Amit Kumar Gupta	Mohd Abdul Wahed	2015PHXF0411H	Experimental and Numerical Studies of	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Engineering				Spring-Back in Ti-6Al-4V alloy at Elevated Temperatures	
686	Mechanical Engineering	Dr. Satish Kumar Dubey	Alugoju Uday Kumar	2015PHXF0412H	Numerical Modelling and Optimization Studies on Minichannels and Microchannels	BITS Pilani
687	Mechanical Engineering	Dr. Parameswaran	G Naveen Kumar	2015PHXF0515H	Experimental and analytical studies on cryogenically conditioned nanoencapsulated PCM-enhanced mortar for cooling applications in tropical buildings	NA
688	Mechanical Engineering	Dr Shashank Khurana	Mukesh Singh Tomar	2015PHXF0901U	Investigation on effects of passive fire protection techniques in tunnel fire environment	NA
689	Mechanical Engineering	Prof. Y V D Rao	Sachchidanand Das	2015PHXP0514H	Yet to submit research proposal for DCC approval	NA
690	Mechanical Engineering	Dr. Sabareesh G	Hemanth Mithun Praveen	2016PHX0P417H	Yet to submit research proposal for DCC approval	Project-DST
691	Mechanical Engineering	Dr. Kurra Suresh	Gandla Praveen Kumar	2016PHX0P420H	Yet to submit research proposal for DCC approval	BITS Pilani
692	Mechanical Engineering	Srikanta Routroy	Rahul Priyadarshi	2016PHXF0003P	Design of Post-Harvest Supply Chain for Selected Agriculture Produces in India	BITS Pilani
693	Mechanical Engineering	Dr. Vishal G Naranje	Arun Bose S	2016PHXF0003U	Proposal not submited	NA
694	Mechanical Engineering	Prof. N. Suresh Kumar Reddy	Pavandatta Jadhav	2016PHXF0022H	Development of Multi Component Nano Composite Coated Cutting Tools	BITS Pilani
695	Mechanical Engineering	Prof. N. Suresh Kumar Reddy	Amar S D	2016PHXF0023H	Hybrid Ultrasonic Assisted Bottom Pour Stir Casting Process - A Novel Casting Approach to Improve Quality of Aluminum Alloy Casting	Project-DRDL

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
696	Mechanical Engineering	Dr. Vikas Choudhari	Dixit Swadesh Sandesh	2016PHXF0024G	Yet to submit research proposal for DCC approval	BITS-Pilani
697	Mechanical Engineering	Dr. N. Jalaiah	Padamurthy Ankamma Rao	2016PHXF0024H	Experimental studies on thermochemical energy conversion and storage characteristics	BITS Pilani
698	Mechanical Engineering	Dr. Kiran Mali	Hendre Kedar Madhukar	2016PHXF0025G	Yet to submit research proposal for DCC approval	NA
699	Mechanical Engineering	Dr. Sabareesh G	Inturi Vamsi	2016PHXF0025H	Development of an integrated and adaptive condition monitoring scheme for fault diagnosis in different stages of a wind turbine gear box	BITS Pilani
700	Mechanical Engineering	Dr. Sachin Waigaonkar	Harugade Mukund Laxman	2016PHXF0026G	Yet to submit research proposal for DCC approval	NA
701	Mechanical Engineering	To be approved	Nidhi Mundra	2016PHXF0101P	Yet to submit research proposal for DCC approval	NA
702	Mechanical Engineering	To be approved	Arpit Rastogi	2016PHXF0108P	Yet to submit research proposal for DCC approval	NA
703	Mechanical Engineering	Dr. Kurra Suresh	K Limbadri	2016PHXF0118H	Experimental and finite element studies on formability of Zircaloy-4	NA
704	Mechanical Engineering	Dr. K R C Murthy	Md. Abdul Raheem Junaidi	2016PHXF0119H	Yet to submit research proposal for DCC approval	NA
705	Mechanical Engineering	To be approved	Vivek Tiwari	2016PHXF0414P	Yet to submit research proposal for DCC approval	BITS Pilani
706	Mechanical Engineering	To be approved	Anuj Dixit	2016PHXF0415P	Yet to submit research proposal for DCC approval	Project-DST
707	Mechanical Engineering	To be approved	Gokhale Nitish Pandurang	2016PHXF0416P	Yet to submit research proposal for DCC approval	BITS Pilani
708	Mechanical al	Dr. Varinder Singh	Ravindra Singh Saluja	2016PHXF0419G	Yet to submit research proposal for DCC	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
	Engineering				approval	
709	Mechanical Engineering	Dr. Ranjit Patil	Abhilash Kumar Tilak	2016PHXF0420G	Yet to submit research proposal for DCC approval	NA
710	Mechanical Engineering	Dr. Nitin Ramesh Kotkunde	Gauri Rajendra Mahalle	2016PHXP0415H	Yet to submit research proposal for DCC approval	BITS Pilani
711	Mechanical Engineering	Dr. Gaurav Singh	Rayudu Nithin Manohar Chowdary	2016PHXP0416G	Yet to submit research proposal for DCC approval	Ministry of Mines
712	Mechanical Engineering	Dr. C P Kiran	Gayatri Vineela Marrivada	2016PHXP0416H	Yet to submit research proposal for DCC approval	BITS Pilani
713	Mechanical Engineering	Dr. Kiran Mali	Rushikesh Bhagwanrao Shinde	2016PHXP0417G	Yet to submit research proposal for DCC approval	BITS-Pilani
714	Mechanical Engineering	Dr. Supradeepan K	L Ramayee	2016PHXP0418H	Yet to submit research proposal for DCC approval	BITS Pilani
715	Mechanical Engineering	Dr. Pavan Kumar	P V Sai Divya	2016PHXP0419H	Yet to submit research proposal for DCC approval	BITS Pilani
716	Mechanical Engineering	To be approved	Chetan Jalendra	2016PHXP0420P	Yet to submit research proposal for DCC approval	CSIR JRF
717	Mechanical Engineering	Prof. Amit Kumar Gupta	Akhil Bhardwaj	2016PHXP0421H	Yet to submit research proposal for DCC approval	Project-DRDO
718	Mechanical Engineering	Dr. Sujith R	Pawan Kumar Chauhan	2016PHXP0422H	Yet to submit research proposal for DCC approval	Project-DST
719	Mechanical Engineering	Dr. Sachin Waigaonakr	Amal S Siju	2017PHXF0026G	Yet to submit research proposal for DCC approval	NA
720	Mechanical Engineering	Prof. N. Suresh Kumar Reddy	Sunil Dutta	2017PHXF0301H	Yet to submit research proposal for DCC approval	NA
721	Mechanical Engineering	To be approved	Sreenivas Venguru	2017PHXF0302P	Yet to submit research proposal for DCC approval	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
722	Mechanical Engineering	Dr. Shibu Clement	Naveen K S	2017PHXP0004G	Yet to submit research proposal for DCC approval	BITS-Pilani
723	Mechanical Engineering	Dr. P.M.Singru	Chandrashekhar Chauhan	2017PHXP0005G	Yet to submit research proposal for DCC approval	Project-DST
724	Mechanical Engineering	To be approved	Santosh Kumar Saraswat	2017PHXP0012P	Yet to submit research proposal for DCC approval	BITS Pilani
725	Mechanical Engineering	Dr. Sachin Waigonkar	Pozhil.S.N	2017PHXP0013G	Yet to submit research proposal for DCC approval	BITS-Pilani
726	Mechanical Engineering	Dr. Arshad Javed	Lanka Tata Rao	2017PHXP0020H	Yet to submit research proposal for DCC approval	BITS Pilani
727	Mechanical Engineering	Dr. R. Parameshwaran	R Naresh	2017PHXP0021H	Yet to submit research proposal for DCC approval	BITS Pilani
728	Mechanical Engineering	Dr. Siva Prasad AVS	P Sandeep	2017PHXP0023H	Yet to submit research proposal for DCC approval	BITS Pilani
729	Mechanical Engineering	Dr. Sujith R	Jella Gangadhar	2017PHXP0024H	Yet to submit research proposal for DCC approval	BITS Pilani
730	Mechanical Engineering	Dr. Gaurav Singh	Rajesh Ramesh	2017PHXP0025G	Yet to submit research proposal for DCC approval	ISRO
731	Mechanical Engineering	To be approved	Ashish Kumar Srivastava	2017PHXP0029P	Yet to submit research proposal for DCC approval	BITS Pilani
732	Pharmacy	Dr. Raviraj Pillai	Rashmi Nair	2010PHXF0702H	Yet to submit research proposal for DCC approval	NA
733	Pharmacy	Prof. Punna Rao	Shailender Joseph	2011PHXF0019H	Study of Oral Pharmacokinetics of microcarriers of Candidate Drug co-administered with P-gp and/or CYP3A Modulators	CSIR SRF
734	Pharmacy	R Mahesh	Kurhe Yeshwant Vijay	2011PHXF0409P	Behavioral and Neuropharmacological Screening of Potential Serotonergic	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					Modulators for Depression Comorbid with Obesity	
735	Pharmacy	Ranendra N Saha	Reddi Satish Sangappa	2011PHXF0410P	Studies of application of extrusion-spheronozation technology for novel formulations design for selceted drugs using carbopol polymers and similar excipients	NA
736	Pharmacy	Prof. P.Yogeeswari	Matharasala Gangadhar	2011PHXF0421H	Molecular Pharmacological Investigation on New Chemical Entities useful in the Treatment of Neuropathic Pain	NA
737	Pharmacy	Ranendra N Saha	Jaya Bhowmick	2011PHXF0425P	Design characterization and evaluation of Nasal drug delivery systems of selected drugs for CNS disorders	NA
738	Pharmacy	Prof. D Sriram	Rudraraju Reshma Sri Lakshmi	2012PH470063H	Development of Novel Cysteine Synthase M and Lysine Ɛ-Aminotransferase Inhibitors Targeting Dormant Stages of Mycobacterium tuberculosis	JRF-DST
739	Pharmacy	R Mahesh	Sushil Kumar Yadav	2012PHXF0027P	Isolation and characterization of genetic variants of beta casein from cow milk and to study their effects on osteoporosis	NA
740	Pharmacy	S. Murugesan	Subhash Chander	2012PHXF0404P	Design, Synthesis and Study of Novel Anti-HIV agents	NA
741	Pharmacy	Anil Gaikwad	Almesh Kadakol	2012PHXF0405P	Role of Esculetin on Angiotensin II vascular reactivity and eqipenetics in the development of vardio-renal syndrome in type II diabetes	BITS Pilani
742	Pharmacy	Hemant Jadhav	Pankaj Wadhwa	2012PHXF0406P	Design, Synthesis and Evaluation of Novel Anticancer agents	BITS Pilani
743	Pharmacy	Anookh Mohanan	Kaushal Pathak	2012PHXF0418P	To study the contribution of visceral	NA

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					adiposity and liver fat to cardio metabolic risk in overweight/obese diabetic subjects in India	
744	Pharmacy	Ranendra N Saha	Archana Khosa Kakkar	2012PHXF0434P	Studies on approaches for better delivery of Anticancer drugs to the brain	NA
745	Pharmacy	Prof. A. Sajeli Begum	Santhosh Kumar S	2012PHXF0538H	Investigation on Non-conventional Lignans to Develop Anti-inflammatory Drugs	BITS Pilani
746	Pharmacy	Atish Paul	S N C Sridhar	2013PHXF0006P	Study of Natural Product Based Enzyme Inhibitors	BITS Pilani
747	Pharmacy	Rajeev Taliyan	Sorabh Sharma	2013PHXF0007P	Exploring the pathogenic mechanism(s) of insulin resistance and its possible role in neurodegenerative disorders	NA
748	Pharmacy	Prof. P.Yogeeswari	Anantaraju Hasitha Shilpa	2013PHXF0010H	Design of Modulators for Human Lysosomal Cathepsins in Cancer Treatment: Drug Design, Synthesis and Biological Screening	Project-DST
749	Pharmacy	Dr. Swati Biswas	Muddineti Omkara Swami	2013PHXF0011H	Lipid-based Nanocarriers for the Delivery of Chemotherapeutics in Cancer	ICMR SRF
750	Pharmacy	Dr. Vamsi Krishna Venuganti	Anup Jose	2013PHXF0012H	Transcutaneous Delivery of Liposome-siRNA Complex to Treat Skin Cancer	NA
751	Pharmacy	Dr. Swati Biswas	Preeti Kumari	2013PHXF0013H	Polymeric micelles for the delivery of poorly soluble chemotherapeutics in cancer	JRF-DST
752	Pharmacy	Prof. P.Yogeeswari	Pushkar Kulkarni	2013PHXF0118H	Correlation of adult zebrafish neuropharmacology data to higher mammals	NA
753	Pharmacy	Prof. D Sriram	Kiran Kumar Alluri	2013PHXF0119H	Synthesis and Antimycobacterial Evaluation of Novel Spiro/Fused Compounds	NA

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754	Pharmacy	Prof. D Sriram	Sridhar Jogula	2013PHXF0120H	Design and Synthesis of Pseudomonas aeruginosa DNA Gyrase Inhibitors	NA
755	Pharmacy	Prof. P.Yogeeswari	Parameshwar Reddy A	2013PHXF0121H	Protypical leads useful for the treatment of neurological disorders: Synthesis and structure–activity relationship studies	NA
756	Pharmacy	Anil Gaikwad	Goru Santosh Kumar	2013PHXF0404P	Role of Histone Ubiquitination & Angiotensin Converting Enzyme 2 in the Development of Renal Fibrosis under Type I Diabetic Condition	NA
757	Pharmacy	Rajeev Taliyan	R. Sruthi	2013PHXF0405P	Exploring the neuroprotective effect and molecular mechanism(s) of remote ischemic pre and post conditioning against cerebal ischemic injury and cognitive deficits	BITS Pilani
758	Pharmacy	Dr.Balaram Ghosh	Trivedi Prakruti Harshavardhanbhai	2013PHXF0415H	Design, synthesis and biological characterization of isoform selective histone deacetylase (HDAC) inhibitors	CSIR SRF
759	Pharmacy	Anil Gaikwad	Anuradha	2013PHXF0423P	Role of epigenetics in modulating inflammatory response mediated by NF-kB through AT1 or AT2 receptor in the development of renal failure under type II diabetic condition	JRF-DST Inspire
760	Pharmacy	Dr. Punna Rao	Avantika V Dalvi	2014PH460054H	Design, Optimisation and evaluation of a nanoparticulate system for delivery of antiepileptic drugs to CNS	Shashi Phytoch emicals
761	Pharmacy	Dr. Vamsi Krishna Venuganti	Shubhmita Bhatnagar	2014PHXF0003H	Design and Fabrication of Polymeric Microneedle Array for Transcutaneous Delivery of Therapeutics	BITS Pilani

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762	Pharmacy	Dr. Swati Biswas	Rompicharla S. V. Kiran	2014PHXF0010H	Cell Penetrating Peptide Octa-Arginine Anchored Multifunctional Poly(Amidoamine) (PAMAM) Dendrimer to Promote Delivery of Chemotherapeutics in Cancer	BITS Pilani
763	Pharmacy	Dr. Arti Bhar	Mary Priyanka Udumula	2014PHXF0011H	Evaluation of novel PKR inhibitors for type 2 diabetes and diabetic cardiomyopathy	JRF-DST
764	Pharmacy	Prof. P.Yogeeswari	Shubham Dwivedi	2014PHXF0401H	Newer Target Based Pharmacological Investigation of Candidate Drugs for Neurodevelopmental and Neurodegenerative Disorders	BITS Pilani
765	Pharmacy	Prof. D Sriram	Prasanthi Malapati	2014PHXF0402H	Design and synthesis of novel Mycobacterium tuberculosis Pantothenate Kinase inhibitors	JRF-DST
766	Pharmacy	Prof. D Sriram	Nikhila Meda	2014PHXF0410H	Targeting host signalling kinase pathway to overcome Mycobacterium tuberculosis infection	BITS Pilani
767	Pharmacy	Anil Gaikwad	Malek Vajirbhai Mehbubbhai	2014PHXF0422P	Role of neprilysin in the development of cardiovascular and renal complications associated with type 1 diabetes.	BITS Pilani
768	Pharmacy	Dr. Swati Biswas	Bhatt Himanshu Narendrakumar	2015PHXF0013H	Tumor Targeted Dendrimers for the Delivery of Chemotherapeutics in Cancer	Consultancy-Daewoong
769	Pharmacy	Prof. Punna Rao	Rimpy Diwan	2015PHXF0014H	Design, Pharmacokinetic and Pharmacodynamic Evaluation of Nanocarriers for Delivery of An Antihypertensive Drug	JRF-DST
770	Pharmacy	Atish Paul	Pracheta Sengupta	2015PHXF0411P	Anti-Obesity Composition from Selected Indian Medicinal Plants	Project-DST

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771	Pharmacy	Anil Gaikwad	Nisha Sharma	2015PHXF0412P	Yet to submit research proposal for DCC approval	Project-CSIR
772	Pharmacy	Dr. Arti Bhar	Mangali Suresh Babu	2015PHXF0413H	Role of Protein kinase R (PKR) inhibitors in Diabetic Cardiomyopathy: Mechanism and prevention	Project-CSIR
773	Pharmacy	Sunil Kumar Dubey	Kowthavarapu V Krishna	2015PHXF0413P	Development and Evaluation of Nanoparticulate Drug Delivery System for the Treatment of Alzheimers Disease (AD)	UGC National fellowship for persons with Disabilities
774	Pharmacy	Anupama Mittal	Italiya Kishan Shamjibhai	2015PHXF0414P	Nano-formulation of Hydrophobic Conjugate of Lysofylline (LSF) for Effective Treatment of Diabetes	JRF-DST Inspire
775	Pharmacy	Dr. Shrikant Charde	Ekta Prasanthi Bommireddy	2015PHXF0415H	Design and Evaluation of Drug Delivery System(s) for Increasing Oral Bioavailability of Candidate Anticancer Drug.	BITS Pilani
776	Pharmacy	Deepal Chitkara	Saurabh Sharma	2015PHXF0415P	Nano-carriers for co-delivery of small molecule and microRNA for treatment of cancer	Project-DST
777	Pharmacy	Prof. D Sriram	Vagolu Siva Krishna	2015PHXF0416H	Design and development of novel bacterial ketol-acid reductoisomerase inhibitors	JRF-DST
778	Pharmacy	Atish Paul	Ginson George	2015PHXF0416P	Isolation, Characterization and Evaluation of Pancreatic Lipase Inhibitors from Selected Indian Medicinal Plants	Project-DST
779	Pharmacy	Dr. Swati Biswas	Nageswara Rao Vysyaraju	2015PHXF0516H	Targeted delivery of chemotherapeutic agents using Human Serum Albumin for the treatment of Cancer	NA
780	Pharmacy	Dr. Vamsi Krishna	Chevala Naga Thirumalesh	2016PHXF0026H	Development of smart capsule containing	ISSAR Pharma

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
		Venuganti			drug loaded multilayer film to target colorectal cancer	ceuticals
781	Pharmacy	Dr. Arti Bhar	Jaspreet Kaur Kalra	2016PHXF0027H	Role of double stranded RNA dependent protein kinase (PKR) in hypertension: mechanism and prevention	Project-DST
782	Pharmacy	Dr. Onkar Kulkarni	Karnam Kalyani	2016PHXF0028H	Effect of hyperglycemia on interleukins expression in tissue injury and regeneration	Project-DST
783	Pharmacy	Dr. Onkar Kulkarni	Sedmaki Kavitha	2016PHXF0029H	Functional and therapeutic role of HDAC6 and Inflammasome Inhibitors in acute and chronic renal injury	ICMR JRF
784	Pharmacy	Prof. A. Sajeli Begum	Kirti	2016PHXF0030H	Discovery of pro-inflammatory cytokine inhibitors from bacterial strain for treatment of renal inflammation	CSIR JRF
785	Pharmacy	Prof. Punna Rao	Chandra Teja Uppuluri	2016PHXF0032H	Development and Evaluation of Nanoparticulate Systems for Nose-to-Brain Delivery of an Anti-Parkinson's Drug	Lady Tata Memorial Trust
786	Pharmacy	To be approved	Surve Dhanashree Hemant	2016PHXF0417P	Yet to submit research proposal for DCC approval	BITS Pilani
787	Pharmacy	To be approved	Priyadeep Manchanda	2016PHXF0506P	Yet to submit research proposal for DCC approval	NA
788	Pharmacy	Prof. D Sriram	Estharla Madhu Rekha	2016PHXP0031H	Yet to submit research proposal for DCC approval	JRF-DST
789	Pharmacy	Dr. Onkar Kulkarni	Veeranna Kamuni	2016PHXP0423H	Yet to submit research proposal for DCC approval	Project-DBT
790	Pharmacy	Dr. Balaram Ghosh	Yamini Shankar Bobde	2016PHXP0424H	Yet to submit research proposal for DCC approval	SUN PHARMA
791	Pharmacy	Dr. Onkar Kulkarni	Subhasis Roy	2016PHXP0507H	Yet to submit research proposal for DCC approval	NA
792	Pharmacy	Dr. Vamsi Krishna	Asha Matta	2016PHXP0508H	Yet to submit research proposal for DCC	NA

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
		Venuganti			approval	
793	Pharmacy	Dr. Punna Rao	Pradeep Singh Rawat	2017PHXF0300H	Yet to submit research proposal for DCC approval	NA
794	Pharmacy	To be approved	Rapalli Vamshi Krishna	2017PHXP0004P	Yet to submit research proposal for DCC approval	BITS Pilani
795	Pharmacy	To be approved	Sarathlal K C	2017PHXP0018P	Yet to submit research proposal for DCC approval	Project-DST
796	Pharmacy	Dr. Vamsi Krishna Venuganti	Giridhar Roy	2017PHXP0025H	Yet to submit research proposal for DCC approval	ICMR Project
797	Pharmacy	Prof. A. Sajeli Begum	Pragya Paramita Pal	2017PHXP0026H	Yet to submit research proposal for DCC approval	Project-DST
798	Pharmacy	To be approved	Samrat Mazumdar	2017PHXP0031P	Yet to submit research proposal for DCC approval	Project-DST
799	Pharmacy	To be approved	Sudeep Pukale	2017PHXP0033P	Yet to submit research proposal for DCC approval	Industry proejct
800	Pharmacy	To be approved	Violina Kakoty	2017PHXP0043P	Yet to submit research proposal for DCC approval	JRF-DST Inspire
801	Pharmacy	Prof. A. Sajeli Begum	Sobhalaxmiharika Kaki	2017PHXP0107H	Yet to submit research proposal for DCC approval	NA
802	Pharmacy	Dr. Punna Rao	Tv Radhakrishna Mullapudi	2017PHXP0108H	Yet to submit research proposal for DCC approval	NA
803	Physics	Dr. P. Nanda Kumar	Bijeesh M.M.	2010PHXF0812G	Linear and Nonlinear Optical Properties of Nano-Composites	Project-DST
804	Physics	Dr. E.S.Kannan	A. Venkatesan	2011PHXF0009G	Transport and Gas Sensing Properties of One Dimensional Metal Oxide Nanostructures and Graphene Oxide Based Composites	NA
805	Physics	S Sindhu	L. Raja	2011PHXF0049P	Fabrication and characterization of organic light emitting diodes using conducting polymers	NA
806	Physics	Prof. Souri Banerjee	D Nagendara Prasad	2011PHXF0424H	Investigation of flow of polarizable particles within microelectrodes of different shapes in inhomogeneous electric fields	NA
807	Physics	Tapomoy	Tridev A	2012PHXF0	A Study of Confined	UGC

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		Guha Sarker	Mishra	004P	electron systems in the presence of Electromagnetic fields on curved spaces	JRF
808	Physics	Dr. Prasanta Kumar Das	Selva Ganapathy	2012PHXF0015G	Some phenomenological aspects of beyond the standard model physics.	NA
809	Physics	Dr. Meenakshi Viswanathan	Subba Rao Y V	2012PHXF0540H	Investigation of electrohydrodynamic instabilities in microfluidic channels	BITS Pilani
810	Physics	Dr. Satyanaraya Murthy	N V S S Seshagiri Rao	2013PHXF0014H	Investigation of Giant Magnetoimpedance on multilayer thin films	BITS Pilani
811	Physics	Dr. Ramsankar Patil	Dhavala Suri	2013PHXF0015G	Fabrication and characterization of magnetic tunnel junctions and spin injectors for spintronics devices	Project-DST
812	Physics	Dr. Kannan Ramaswamy	N.Hemanth Kumar	2013PHXF0015H	Investigation of magneto-optical effects in gold coated γ-Fe2O3 and gold coated Fe3O4 core-shell nanoparticles	NA
813	Physics	Dr. Teny Theresa John	Chithira P R	2013PHXF0016G	Studies on wide band gap oxide based diluted magnetic semiconductors	BITS-Pilani
814	Physics	Dr. Sunilkumar V	Akhila Mohan	2013PHXF0017G	Quantum field Theories in Lifshitz spacetimes	BITS-Pilani
815	Physics	Dr. P. Nandakumar	Shakhi P K	2013PHXF0018G	Optical microscopic studies on biomolecular transport through nuclear membrane	BITS-Pilani
816	Physics	Madhukar Mishra	Captain Rituraj Singh	2013PHXF0022P	Investigations on QGP through Heavy-Flavour Production and Suppression in ultra-Relativistic Heavy Ion-Collisions	BITS Pilani
817	Physics	Dr. Arun V Kulkarni	Malati Dessai	2013PHXF0101G	Studies on the Theory- Operation and Application of Scanning Probe Microscopes Particularly STM and AFM	NA

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818	Physics	Jayendra Nath Bandyopadhyay	Rashmi Jangir	2013PHXF0103P	Study of Classical and Quantum Effective Hamiltonian for Periodically Driven System	NA
819	Physics	Amol Holkundkar	Shivani Choudhary	2013PHXF0402P	Study of ion and electron acceleration in intense laser pulse and its application	BITS Pilani
820	Physics	Subhashis Gangopadhyay	Sumita Choudhary	2013PHXF0407P	Growth and characterization of transition metal-oxide nano-structures: materials for device and sensor applications	BITS Pilani
821	Physics	Dr. Tarun Kumar Jha	Debashree Sen	2013PHXF0414G	Equation of State of Dense Matter and Neutron Star Structure	BITS-Pilani
822	Physics	Dr. Sarmistha Banik	Smruti Smita Lenka	2013PHXF0417H	Study of hot and dense matter relevant to compact stars	JRF-DST
823	Physics	Dr. Rahul Nigam	Cheera Varalakshmi	2013PHXF0508H	Studying the role of Premordial magnetic Field in early structure formation	NA
824	Physics	Dr. Sashideep Gutti	Veerareddy Vippala	2013PHXF0509H	Radiation reaction in Lorentz violating / Nonlocal Classical and Quantum Electrodynamics	NA
825	Physics	Dr. Sashideep Gutti	Konka Raviteja	2014PHXF0007H	An Investigation in Gravitational Entropy	BITS Pilani
826	Physics	Amol Holkundkar	Prachi Venkat	2014PHXF0012P	Study of the interaction of atomic clusters with intense sub-cycle and few cycles pulsed laser beams	Project-DST
827	Physics	Dr. Prasanta Kumar Das	Atanu Guha	2014PHXF0401G	Astrophysical and Collider Signatures of Dark Matter	BITS-Pilani
828	Physics	Dr. Tarun Kumar Jha	Tuhin Malik	2014PHXF0402G	Aspects of Nuclear Matter and it's application to dense matter studies.	BITS-Pilani
829	Physics	Biswanath Layek	Yadav Pradeepkumar Ramrathi	2014PHXF0423P	Theoretical studies of compact astrophysical objects	BITS Pilani
830	Physics	Navin Singh	Arghya Maity	2014PHXF0424P	Statistical Thermodynamics of	BITS Pilani

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
					DNA molecule in crowded environment	
831	Physics	Dr. Sarmistha Banik	Krishnaprakash Nunna	2015PHXF0015H	Gravitational waves from oscillations and instabilities in Nuetron stars	BITS Pilani
832	Physics	Rishikesh Vaidya	Ishan Mata	2015PHXF0015P	Studies in Differential Cohomology	CSIR SRF
833	Physics	Dr. Arvind Raghavan	K Haritha	2015PHXP0517H	Yet to submit research proposal for DCC approval	NA
834	Physics	To be approved	Neelakshi Sharma	2016PHXF0008P	Yet to submit research proposal for DCC approval	Project-DST
835	Physics	To be approved	Aditi Mandal	2016PHXF0009P	Yet to submit research proposal for DCC approval	BITS Pilani
836	Physics	Raj Kumar Gupta	Parul Taneja	2016PHXF0010P	Development of thin film based sensor	WWE project
837	Physics	Dr. Teny Theresa John	M Deepak Kumar	2016PHXP0418G	Yet to submit research proposal for DCC approval	BITS-Pilani
838	Physics	To be approved	M Dinachandra Singh	2016PHXP0418P	Yet to submit research proposal for DCC approval	Project-DST
839	Physics	Dr. E S Kannan	Anu Roshini R	2016PHXP0422G	Yet to submit research proposal for DCC approval	BITS-Pilani
840	Physics	Dr. Rahul Nigam	Rahul Kumar Thakur	2016PHXP0425H	Yet to submit research proposal for DCC approval	BITS Pilani
841	Physics	Dr. Harihara Venkatraman	Nellutla Jahangeer	2016PHXP0509H	Yet to submit research proposal for DCC approval	NA
842	Physics	To be approved	Ashutosh Joshi	2017PHXF0035P	Yet to submit research proposal for DCC approval	Project-DST
843	Physics	To be approved	Shivaraja S J	2017PHXP0007P	Yet to submit research proposal for DCC approval	UGC JRF
844	Physics	Dr. E. S. Kannan	Malavika C	2017PHXP0016G	Yet to submit research proposal for DCC approval	Project-DST
845	Physics	Dr. Prasanta Kumar Das	Saumyen Kundu	2017PHXP0022G	Yet to submit research proposal for DCC approval	Project-DST
846	Physics	Prof. Kannan Ramaswamy	Waseem Ahmad Wani	2017PHXP0027H	Yet to submit research proposal for DCC approval	BITS Pilani
847	Physics	To be approved	Rambabu Rajpoot	2017PHXP0037P	Yet to submit research proposal for DCC approval	Project-DST

S.No.	Department	Name of supervisor	Name of Ph Dscholar	Registration No.	Title	Funding agency
848	Physics	To be approved	Nikhil Duryodhan Hatwar	2017PHXP0038P	Yet to submit research proposal for DCC approval	Project-DST
849	Physics	To be approved	Vikram Mahamiya	2017PHXP0039P	Yet to submit research proposal for DCC approval	Project-DST
850	Physics	To be approved	Ashis Kumar Pal	2017PHXP0106P	Yet to submit research proposal for DCC approval	NA

B 3.19) PhD awarded by faculty from the Institution 2016-17

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
1	1996PH29707P	Manoj Kannan	Genetic and Epigenetic of L1 Retrotransposition in Mouse and Man	BIO	Pilani	David E. Symer
2	2002PHXF026P	Samir Ramdas Kale	Design of Occupational Health and Safety Management Systems for Viscose Staple Fiber Division, Grasim Industries Limited	Chem. Engg.	Pilani	Arun Maity
3	2004PHXF402P	Krishnakant T Upadhyaya	Analysis of Project Risk Managemnet Using Socio-Technical Systems Approach	Management	Pilani	Sunil D. Lakdawala
4	2005PHXF430G	A.C. Kulkarni	Experimental Wear Characterization of Metal Polyethylene Hip Implant Materials using Designed and Developed Screening Devices	Mech	Goa	DM Kulkarni
5	2006PHXF421P	Girish Kant	Prediction and Optimization of Machining Parameters for Minimizing Surface Roughness and Power Consumption during Turning of AISI 1045 Steel	Mech	Pilani	KS Sangwan
6	2007PHXF013P	D.C.Kiran	Compiler assisted parallelization a nd optimization for multicore architecture	CS	Pilani	S.Gurunarayanan
7	2007PHXF408G	Ramprasad S. Joshi	Application of Isoperimetry and Measure Concentration to "Analysis of Heuristics	CSIS	Goa	B.M. Deshpande
8	2007PHXF424P	PA Boopathi	In vivo transcriptome Profiling of Plasmodium vivax Clinical Isolates: New Insights ito Severe Malaria	BIO	Pilani	AK Das

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
9	2007PHXF429P	Monika Sikri	Agile and Adaptive QoS Aware Management and Discovery in Service Oriented Systems	CSIS	Pilani	Dr. Rajkumar Goel
10	2007PHXF431P	A. Ananda Kumar	Design and Development of Hybrid Controller for Z-Source Inverter: An Application of Electric Vehicle	EEE	Pilani	Dheerendra Singh
11	2008PH08411P	Deepali Gupta	Behavioral and Neuro-pharmacological Screening of Potential Serotonergic Ligands for the Management of Depression and Anxiety Co-morbid with Type-1 Diabetes Mellitus	Pharmachy	Pilani	R. Mahesh
12	2008PH29001P	Raghavendar Chandran	MicroRNAs as Biomarkers for Mild Traumatic Brain Injury and Post-traumatic Stress Disorders	Bio	Pilani	R.K. Maheshwari-
13	2008PH29009G	Kabilan M.	Microbial Diversity of Halpphilic Archaea and Bacterial Solar Salterns and Studies on their Production of Antiarchaeal Substances	BIO	Goa	Judith M. Braganca
14	2008PHXF005G	Vaishnavi Tushar Unde	Biocatalytic Production of Commercial Textile Dye - Indigo	Bio	Goa	M. Srikanth
15	2008PHXF015P	Sanjeev Saxena	Impact of Service Orientation on Organizational Performance	Management	Pilani	Prashant Mishra
16	2008PHXF024P	Kuldeep Gupta	Characterization of STAT Immune Signaling Pathway and ABC Transporters in Mosquitoes	Bio	Pilani	Lalita Gupta
17	2008PHXF034P	Ganeswara Rao Musada	Molecular Genetic Analyusis of Familial Exudative Vitreoretinopathy in	BIO	Pilani	Inderjeet Kaur

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
			Indian patients			
18	2008PHXF404P	Pawaskar Pinky	Consumer Behavior Analysis in Trourism: Opportunities and Challenges for Goa	Economics	Goa	Mridula Goel
19	2008PHXF428P	Mahesh Angira	Reconfigurable RF-MEMS Capacitive SPST and SPDT Switches for Wireless Communication Systems	EEE	Pilani	Kamaljit Rangra
20	2008PHXF433P	Vineet Kumar	Iris Localization in Iris Recognition System : Algorithms and Hardware Implementation	EEE	Pilani	Abhijit Asati
21	2009PHXF006P	Rout Popatrao	Design and evaluation offloating gastroretentive multi unit particulate systems for levodopa and carbidopa	Pha	Pilani	SY Charde
22	2009PHXF026P	Vinita Tiwari	Design and Performance Analysis of Hgh Spped Optical Communication Skills	EEE	Pilani	V.K.Chaubey
23	2009PHXF029P	Siju C.R.	Preparation and Characterization of Conjugated Polymer Thin Films for the Fabrication of Electrochromic Rear-view Mirror	Physics	Pilani	S.Sindhu
24	2009PHXF403P	Madhusmita Das	Portrayal of Women in Indian Television Advertisements - An exploratory Study	HUM	Pilani	Sangeeta Sharma
25	2009PHXF407P	A. Senthil Nagappan	Co-production of biodiesel and alphs linolenic acid from Desmodesmus sp. MCC34	Bio	Pilani	S.K. Verma
26	2009PHXF409P	Sonu	Study on Physicochemical Properties of Some Soft Matter Using Fluorescence and Cojnductometric Methods	Chem	Pilani	SK Saha
27	2009PHXF410P	Mithilesh Kajla	Studying the Immunomodulatory	Bio	Pilani	Sanjeev Kumar

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
			role of blood induced anopheles heme peroxidase HPX15 and mosquito larvicidal properties of agave angustifolia			
28	2009PHXF411P	Arpit Bhargava	Mycosynthesis of Inorganic Nanoparticles and their evaluation in Catalysis and Nano-fertilifat5ion	Bio	Pilani	Jitendra Panwat
29	2009PHXF412P	Gagandeep Singh Saggu	Characterization of Apicoplast-targeted Isoprenoids Biosynthesis Pathway Enzymes from Plasmodium vivax and P. falciparum	Bio	Pilani	Vishal Saxena
30	2009PHXF420G	Mane Pravin Sakharam	Reconfigurable Architecture in Resistive Switching Crossbar	EEE	Goa	Ramesha C.K.
31	2009PHXF424G	Metikela S. Babu	Experimental Investigations and Modelling Studies on Performance of Spark Ignited Engne with Varied Composition of Producer gas	Mech.	Goa	Shibu Clement
32	2009PHXF425G	Surendran G.	Experimental Studies on Cr(VI) Removal from Wastewater by adsorption using Pig Iron Sludge and Biochar	Chemical	Goa	Saroj Sundar Baran
33	2009PHXF431P	Pavan Kumar Potdar	Development of Agility Enhancement Strategies for Agile Manufacturing	Mech	Pilani	Srikanta Routroy
34	2009PHXF432FP	Mayuri A. Digalwar	Energy Efficient Multicore Scheduling Algorithms for Real Time Systems	CSIS	Pilani	Sudeept Mohan
35	2009PHXF436P	Avinash Gautam	Design and Implementation of Efficient Coordination Algorithms for Multi-Robot Systems	CSIS	Pilani	Sudeept Mohan
36	2009PHXF44	Lakshmanan	Adoption of Open	CSIS	Pilani	Sundaresan

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
	4P	R.	Source Software in Information Technology Outsourcing Organizations			Krishnan Iyer
37	2009PHXF700H	Jameel Rizwana H	Binocular Vision Anomalies and Normative Data (BAND) of Binocular Vision Parameters among School Children Between 7 and 17 Years of Age in Rural and Urban Tamilnadu	Bio	Hyd	R. Krishna Kumar
38	2009PHXF701H	Rashima A.	Quantification of Ocular Ultraviolet-B Radiation Exposure in a South Indian Population and its Association with Ocular Surface Disorders, Pseudoexfoliation, Cataract and Age-related Macular Degeneration - A Part of the Chennail Eye Disease Incidence Study	Bio	Hyd	Ronnie Jacob George
39	2010PH29011G	Ketaki R. Deshmukh	Synthesis and Characterization of Fluorescent Hydroxyapatite Nanoparticles and Their Applications In Bioimaging and Plasmid Delivery	Bio	Goa	Meenal Kowshik
40	2010PHXF009P	Ashok Sharma	Nickel Catalyzed Coupling Reactions and Studies on Pyranopyrazole Heterocyclic Molecules	Chemistry	Pilani	Paritosh Shukla
41	2010PHXF016G	Priyadarshini Parakh	Study on Ruthenium Complexes and Methylene Blue Based Photosensitizers for Visible Light Bactericidal Action	Chem	Goa	Halan Prakash
42	2010PHXF019G	Fernandes Jessica	Studies in Graceful Labelings of Graphs and its Variations	Maths	Goa	Tarkeshwar Singh
43	2010PHXF026P	Sneh Lata Murotiya	Low-Power High-Speed and Compact	EEE	Pilani	Anu Gupta

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
			Ternary VLSI Circuit Designs using Carbon Nanotube Field Effect Transistors			
44	2010PHXF039P	Vidhya Srinivasan	Understanding the Role of Adiponectin in Proliferative Diabetic Retinopathy; Design and Development of Therapeutic Molecules	BIO	Pilani	KN Sulochana
45	2010PHXF100H	Shabna A.	In vitro Evaluation of the Scope of an Indigenously Produced Polyhydroxyalkanoate Based Co-Polymer, Produced from Pseudomonas MNNG-S, in Cell Culture and Virology	Bio	Hyd	H.N. Madhavan
46	2010PHXF405P	Sourabh Mundra	Design, Synthesis and Screening of Potential Anti-malarial Agents	Pharmacy	Pilani	R. Mahesh
47	2010PHXF416P	Tantak Mukund P.	Design, Synthesis and Anticancer Activity Studies of Selected Indole-Based Heterocycles	Chem	Pilani	Dalip Kumar
48	2010PHXF417P	GEETIKA SHREE	An Empirical Study of Online Social Networking On well-being of Indian Users	Lang	Pilani	Kumar Neeraj Sachdevq-
49	2010PHXF420P	Noorullah Baig MD	Syntheses, Molybdochemistry and Antimicroial Studies of Glucose Derived Glycoconjugates	chem	Pilani	AK Ssah
50	2010PHXF422P	Kumari Suman	Crystal Engineering of Co-ordination Polymers (CPs) Derived from Bis-pyridyl amides and Analyzing Their Structural Transformations Triggered by External Stimulus	Chemistry	Pilani	Madhushree Sarkar
51	2010PHXF427H	Priyanka Sharma	Development of Nineralocorticoid Receptor-Mediated	Pha	HYD	KP Narayan

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
			Anticancer Liposomal Delivery Systems			
52	2010PHXF431H	Shivani Gupta	Isolation & Characterization of Naturally Occurring Acyltransferase or Related Clas of Enzymes for Synthesis of HMG Co-A Reductase Inhibitors	Bio	Hyd	Suman Kapur
53	2010PHXF433G	RAJESH PASUMARTHI	Hydrocarbonoclastic Bacteria and the Strategies for Improving Biogradation	BIO	Goa	S. Mutnuri
54	2010PHXF434G	Archana Sharma	Three-Dimensional Macroporous Polymeric Cryogel Matrices for Soft Tissue Engineering Applications	BIO	Goa	Vijayashree Nayak
55	2010PHXF442G	Amol Anilrao Deshpande	Experimental and Theoretical Studies on Unmixed Combustion for Heat Transfer Applications	Chemical	Goa	S. Krishnaswamy
56	2010PHXF445P	R.Bhuvanasunder	Structural and Functional Characterization of Human Lysyl Oxidase through Molecular Cloning, Expression *In Silico* Studies	Bio	Pilani	KN Sulochana
57	2010PHXF447P	S.Ganesh	Studies on Quark-Gluon Plasma at Large Hadron Collider	Physics	Pilani	Madhukar Mishra
58	2010PHXF457P	Himanshu Kaushal	Studies on Immunological Responses to Parasite Surface Antigen as a Potential Vaccine Candidate against Human Leishmaniasis and Estimation of Asymptomatic Leishmania Infrections in the Endemic areas	Bio	Pilani	Poonam Salotra
59	2010PHXF80	M.M.Proornim	Autism Spectrum	Bio	Hyd	Vidya Rajesh

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
	2H	a	Disorer: Characerization of Risk Factors, Comorbid Conditions and Herbal Medicines			
60	2010PHXF804G	Anjani Srikanth Koka	A Critical Analysis of the Soft Skills Requirements of the IT Industry and the Soft Skills Training Provided in the Select Engineering College of Andhra Pradesh	HUM	Goa	Meenakshi Raman
61	2010PHXF811G	Purnima Singh	Studies on Microbial Diversity and Biotechnological Potential of Selected Polar Organisms	BIO	Goa	Utpal Roy
62	2011PH30049P	K. Shalini	Quantification of Rural Accessibility and Development of a Need-Based Approach for Rural Road Network Planning	Civil	Pilani	AK Sarkar
63	2011PH42115P	C.V.Sunil Kumar	Design of Supplier Development Programs for Indian Manufacturing Companies - A Supply Chain Perspective	Mech.	Pilani	Srikanta Routroy
64	2011PHXF001P	Aishwarya Panday	Developmemnt of State of Charge Estimation Method and Power Optimization Strategies for Hybrid Elecric Vehicles	EEE	Pilani	Hari Om Bansal
65	2011PHXF003P	Yogesh K. Bhateshvar	Intelligenet Control and Optimization for Power Frequency Balance in Multi-Generation System	EEE	Pilani	HD Mathur
66	2011PHXF003U	Kiran Menon	An assessment of potential feedstock crops for Bio-diesel production in the United Arab Emirates	BIO	Dubai	Neeru Sood
67	2011PHXF010G	Vikash Kumar	Amphiphiles: Design, Syntheses, Studies on Their Biomolcular	Chemistry	Goa	Mainak Banerjee

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
			Interactions and Micellar Catalysis			
68	2011PHXF010H	Nagesh HN	Design and Synthesis of Piperazine/1,2,3,-Triazole Tailored Heterocycles ad Their Ati-tubercular and Photophysical Applicationq	Chemistry	Hyd	KVG Chandrasekhar
69	2011PHXF011H	Jagan Mohan Reddy D.	Peer-to-peer network traffic classification based on statistical and behavioral analysis	CSIS	Hyd	C.Hota
70	2011PHXF015P	Ganesh M. Shelke	Development of Synthetic Methods for Selected Indole-Based Heterocyclic Compounds from Indole, Isatin and Indoline-2-thione	Chem.	Pilani	Anil Kumar
71	2011PHXF017P	Parvej Alam	Chemistry of Iridium (III) based Aggregation Induced Emission Active Complexes: Appliications in Sensing and Bioimaging	Chem	Pilani	IR Laskar
72	2011PHXF018P	V.Arun	Organoiodine-Promoted Strategies for the Construction of SelectedBioactive Heterocycles.	Chem.	Pilani	Dalip Kumar
73	2011PHXF021P	Sunita Choudhary	Ionic Liquid-supported Sulfonyl Hydrazine and Iodine Reagents: Synthesis and Application in Selected Organic Transformations	Chem.	Pilani	Anil Kumar
74	2011PHXF022P	Meenakshi Pilania	Organoiodines in the Sythesis and Functionalization of some Novel Bioactive Heteroccles	Chem.	Pilani	Dalip Kumar
75	2011PHXF023H	Srikanth Racharla	Design, Snthesis and Pharmacological Evaluation of Novel Adenosine A2 Modulators for Treatment of	Pha	HYD	P.Yogeeswari

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
			Epilepsy and Pain			
76	2011PHXF025P	Keerti Choudhary	Studies on Liquid Crystals and Nanocomposites at Interfaces	Physics	Pilani	V. Manjuladevi
77	2011PHXF026P	Jitendra Kumar	Effect of Nanomaterial Dopants on the Physical Properties of Liquid Crystals	Physics	Pilani	V. Manjuladevi
78	2011PHXF027P	KAPIL	Tnansion mdetal doped semiconductor nanoclusters and anotubes A Desnsity functional Investigation	Physics	Pilani	D. Bandyopadhyay
79	2011PHXF028P	Monika Poonia	Studies on Thin Films of Carbon Based Nanomaterials	Physics	Pilani	RK Gupta
80	2011PHXF029H	Rajesh Kannan B.	Investigations of Structural, Dielectric and Electrical Properties of Rare Earch Doped Layered Ferroelectric Ceramics	Physics	Hyd	B.H.Venkataraman
81	2011PHXF029P	Ravi Kumar Trivedi	Study of Hybrid Semicndictrpr mampc;isters amd Hydrpgem Stprage <ateroa;s nu ismg Demsotu Fimctopma; Theory	Physics	Pilani	D. Bandyopadhyay
82	2011PHXF030P	Surender Pratap	Study of Low Dimensional Systems with NEGF and RMT Approach	Physics	Pilani	Niladri Sarkar
83	2011PHXF031P	Arun Kumar Poonia	Communication Strategies for Promoting Tourist: Discursive Analysis of Television Campaign: Khushboo Gujarat Ki	Lang	Pilani	GS Chauhan
84	2011PHXF032P	Suman Luhach	Scaffolding wring skills for indian college students through collaborative learning tasks using online forums	lang	Pilani	Pushp Lata
85	2011PHXF03	Preeti Dubey	Stability Analysis	Maths	Pilani	Balram Dubey

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
	3P		and Simulation of Deterministic Models in Epidemiology and Immunology			
86	2011PHXF040H	Balaji V.	Cooperative spectrum sensing techniques in cognitive radios	CSIS	Hyd	G.Raghurama
87	2011PHXF045P	Devanarayanan VP	Development of Surface Plasmon Resonance based Instrument with a Novel Opto-mechanical Scanning Mechanism	Physics	Pilani	RK Gupta
88	2011PHXF046	PIYUSH Gupta	Dhananjahya's Dasarupa: The Analysis of Plot, Characters and Rasa in Shakespearean Hindi Fimlm Adaptations (Omkara, Maqbool and Angor)	Lang	Pilani	Devika
89	2011PHXF101H	S. Srilekha	Genetic Analysis of Consanguineous South Indian Families with Leber Congential Amaurosis and Retinitis Pigmentosa usig Homozygosity Mapping	Bio	Hyd	N. Soumittra
90	2011PHXF405P	Sachin Kumar	A Statistical Study of Demographic Models with Reference to Some Indian States	Maths	Pilani	CB Gupta
91	2011PHXF407G	Girish Chandran V.	Investigations on Rheological and Thermomechanical properties of LLDPE - fumed Silica Nanocomposites for Rotational Molding	Mech	Goa	SD Waigaonkar
92	2011PHXF408P	Prachi Sharma	Study on Electronic Behaviour of Nanocrystalline Silicon Thin Film Transistors	EEE	Pilani	Navneet Gupta
93	2011PHXF411P	Tej Verma Y.	Excited State Relaxation Dynamics of	Physics	Pilani	DD Pant

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
			Fluorescent Molecules in Nano-sized Micellar Systems			
94	2011PHXF415P	Jitendra Kumar	Design and Analysis of Dielectric Resonator Antenna (DRA) for Wideband Applications	EEE	Pilani	Navneet Gupta
95	2011PHXF420H	VVSPC Rao Mathamsetti	Cytotoxic potential of some plant derived compounds targeting lung canger	Pha	Hyd	Sajeli Begum
96	2011PHXF420P	Rajnish Prakash Singh	Molecular Characterization of ACC Diaminase Producing Bacteria for Induced Systemic Tolerance in Wheat (Triticum aestivum L.)	BIO	Pilani	PN Jha
97	2011PHXF422H	RENUKA J	Design and Biological Evaluation of Novel Staphylococcus aureus DNA GyrB Inhibitors to Treat Pathogenic Infections	Pha	HYD	D. Sriram
98	2012PHXF003G	Femi R.	Modelling and Analysis of Scalable Arcless Micromechanical Switches for Power Applications	Mech	Goa	Shibu Clement
99	2012PHXF012G	Praveen Saini	A computational Investigation of Oxaziridine Photoconversion and E-Z Isomerization Processes of Some Acyclic Nitrone Systems	Chemistry	Goa	A. Chattopadhyay
100	2012PHXF016G	Walawalkar Yogesh Dilip Dipti	A Study on Correlation of Chronic Salmonella enterica serovar Typhi Infection with Gallbladder Diseases	Bio	Goa	Vijayshree Nayak
101	2012PHXF020P	Nisar Ahmad Mir	Organocatalytic Approach Towards the Synthesis of	Chem	Pilani	Indresh Kumare

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
			Vive Membered Nitrogen Heterocyclic Compounds			
102	2012PHXF021P	Panduga Ramaraju	Organocatalytic Synthesis of Six Membered Nitrogen Heterocycles and Related Akaloids	Chem	Pilani	Indresh Kumar
103	2012PHXF403P	Varun Chotia	Public Infrastructure Investment, Economic Growth and Fiscal Sustainability in India: An Empirical studhy	Economics	Pilani	NVM Rao
104	2012PHXF505H	Suman Labala	Layer-by-Layer Assembled Nanoparticles for Drug Delivery Through Skin	Pha	Hyd	VV Krishna Vamsi
105	2012PHXF515H	N.Radhika	Design, Synthesis and Biological Evaluation of Novel Mycobacterium tuberculosis PknB Inhibitors	Pha	Hyd	D. Sriram
106	2012PHXF529H	Barathi M.	Development of appropriately tailored adsorbents for effective defluoridation of water	Chemistry	Hyd	N.Rajesh
107	2012PHXF536H	Priyanka Suryadevera	Computational Analyses of Mycobacgterium tuberculosis Enzyme Inhibitors: A Study Involving Free Energy Perturbations and Molecular Dnamics Simulations	Pha	Hyd	P. Yogeeswari
108	2012PHXF537H	Bobesh K. Andrews	Development of Novel DNA Gyrase Inhibitors Targeting Mycobacterium Tuberculosis	Pharmacy	Hyd	D Sriram
109	2012PHXF539H	Padma Sridevi J.	Design, Synthesis and Biological Assessment of Topoisomerase-1 Inhibitors Targeting Mycobacterium tuberculosis	Pha	HYD	D. Sriram
110	2013PHXF10	Praveen	Studies on the Role	Bio	Pilani	Sangita

S.No.	ID No.	Name	Thesis Title	Dept	Campus	Supervisor
	8P	Kumar	of chlamydia trachomatis Infection in the Pathogenesis of Reactive Arthiritis Undifferentiated Spondyloarthropathy			Rastogi
111	2013PHXF110P	Namita Singh	Studies on Immuno-molecular Pathways Triggered by Chlamydia trachomatis Infection in First Trimester Spontaneous Abortion	Bio	Pilani	Sangita Rastogi
112	2013PHXF307P	Rajiv Agarwal	An Empirical Study of Career Choices of Successors in Family Managed Businesses in Indian Context	Economics	Pilani	Keith D'Souza

B 3.26) Major activities during the year in the sphere of extension activities and Institutional Social Responsibility

NSS

Report of the Activities held during 2016-17 NSS School BITS Pilani, Pilani campus:

Regular activities:

1st Aug-20th April:

Regular program under which around 120 students (economically backward) from class 1 to class 12 are taught on a regular basis to supplement the curriculum taught in the schools.

Computer Literacy Program (CLP):

Over 70 students ranging from school going kids to students from degree colleges are taught the basics of computers PRC Pilani

Coaching for Competitive exams:
Students are helped to clear various competitive exams such Navodaya entrance exam, Sainik School entrance exam, regional talent search exams, etc.

Medical Van Service: Successfully started the medical van service for the village Ghumansar.

Rayla School: Volunteers visit rayla three times a week for 2 hours each to teach and guide the students.

OTHER ACTIVITIES CONDUCTED

Swachh Bharat Week:

7th August: Swachh Bharat Pledge

Nearly 100 volunteers took the pledge to keep the country clean.

8th August-14th August: Essay Competition on Swachhbharat in nearby (Pilani) schools.

Essay writing competition was organised by NSS in 3 schools at Pilani namely, Vashishta Pathak, Goenka Vidya Mandir Sr. Secondary School and Birla ShishuVihar. The topic was "Swachh Bharat".

8th August:Cleanliness Drive in Rayla Village:

NSS volunteers conducted a cleanliness drive in Rayla village including the school students of that village.

Activities of 15th August on Swachh Bharat and Independence Day celebration:

- Speech by our volunteer

22nd August: Cardiology Camp: Organized Cardiology Camp under the guidance of Dr. Rahul Sharma from Narayana Multi-specialty Hospital, Jaipur, for the people living In Harinagar after noticing the heart problems of the people in locality.

SEPTEMBER

10th sept-11th Sept: JUNOON 2016:

A 2 day sporting extravaganza for the specially abled kids and saw a participation from six NGOS, around 120 specially-abled children accompanied by 30 mentors.

18th Sept: Animal Health Check-up Camp:

Under the able guidance of Dr. J.S. Rathore, animals were provided with mineral mixture to supplement their growth, to improve their breeding, to improve milk productivity in cattles.

25th Sept: Pandit Deendayal Jayanti Celebration:

Attended by 70 students, NSS BITS Pilani celebrated 100th birth anniversary of Pandit Deendayal Upadhyaya as a Blood Donation Campaign day.

28th Sept: Tree treatment drive:

Many trees were treated with manures and medicines and their growth will be monitored.

OCTOBER

20th Oct-23rd Oct: OASIS STALL 2016:

Exhibited 1000+ different products and books from 16 NGOs to promote them.

16th Oct: Medicine Collection Drive:

conducted a Medicine Collection Drive in the campus. The gathered medicine was distributed in the coming Health Camp and the remaining were given to Sarvajanik Hospital.

NOVEMBER

3rd Nov: Baseline Survey: A group of 7 volunteers collected surveys from 12 houses in Jherli.

14th Nov: Health Camp: Held on 14th of November on the occasion of World diabetes day from 10am - 1pm. Free health checkup was provided to the people and Medicines were distributed at free of cost.

22nd Nov: Sports day in bhaas school:

Organized the sports day in the bhaas school for school students with the participation of nearly 60+ students.

27th Nov: Sewing Workshop:

Workshop was conducted in Bhaas with the help of the women who attended the workshop the previous year.

JANUARY

23rd Jan: Subhas Chandra Bose Jayanti Celebration: Celebrated 121st birth anniversary of NetajiSubhash Chandra Bose as a 'Joy of Giving' Day. NSS distributed blankets to around 70 needy people working inside the campus.

FEBRUARY

6th Feb-7th Feb: BLOOD DONATION CAMP:

organized 35th edition of Blood Donation Camp on 6th-7th February 2016 in collaboration with Indian Red Cross Society, Delhi. Event got overwhelming response with about 1000 people registering for noble cause out of which total of 731 unit of blood was collected.

MARCH

5th Mar-28th April: RSCIT: Our rigorous efforts resulted in registration of PRC lab as an RSCIT centre in March. This helped us in ensuring that by the end of the programme beneficiary has a valid certificate given by Rajasthan govt.

12th Mar: Eye Check-up Camp: Organized an eye check-up camp in PRC with around 700 beneficiaries attending the camp.

APRIL

16th April: Maternity Hygiene Camp: Volunteers tried to make the women aware about the benefits of using sanitary napkins.

NIRMAAN

Nirmaan BITS Pilani, founded in 2005 by a group of enthusiastic students aims at providing better educational and employment opportunities to the poor and marginalized rural population of Pilani. At present it has more than a hundred dedicated volunteers working actively in education, employment, community development and social innovation sectors.

There are a total 10 projects operating under Nirmaan currently. Here is a brief account of their work:

Education - Teaching and Growth:

Gyan Bodhs (GBs) - GB Baas and GB CourtBasti aim at providing evening tuitions to elementary school students using innovative and interactive methods while GB Harinagar has it's Prayoghshala centre nurturing the youth through scientific experiments and practical study.

Shiksha ki Ore (SKO) - It helps underpriviliged kids in joining private schools to achieve basic education using RTE. (essentially fulfliling both the processes of preparation and admission)

School Adoption Programme (SAP) - A school has been adopted in Baas village whose holistic development and upliftment is being taken care by the programme.

Education - Scholarship and Mentorship:

Utkarsh - It provides scholarships to meritorious students facing economic crisis.

Disha - It informs students about their various career opportunities through workshops or counselling sessions conducted in schools in and outside the campus.

Women Empowerment:

Unnati 1&2 - Nirmaan runs self help groups, like Unnati which gives women opportunities to earn their livelihood. Till now, over 80 women have been trained for production of kurtas, petticoats and sanitary pads. Recently, their handmade earrings were put up at the Nirmaan Oasis stall and received a terrific response.

Community Development:

Participatory Community Development (PCD) : This projects lends it's ears to understand the situation of people and their surroundings and acting in ways to suppress or solve problems; if necessary through collaboration with other projects.

Apart from this, all the projects conduct activities and celebrate events in their respective areas of service and come together to bring smiles on the faces of all beneficiaries within and outside BITS through a range of activities during our annual kernel event "Joy of Giving Week (JOGW)"

Nirmaan Cativities at BITS Pilani K K Birla Goa Campus

Nirmaan had a remarkable gamut of activities executed through its operational wings responsible for the activities related to knowledge, health and employment.

- Students from BITS celebrated Independence Day with kids in Zari.

- Students wrote messages to teachers thanking them for the important role they play in their lives.
- Blood donation camp organised with assistance from Goa medical college.
- Eye check-up camp organised with the help of Lenscraft
- Message of Joy which gave students a chance to write messages to fellow BITSians.
- Joy of Giving week 2016 was Nirmaan's flagship event with many activities and huge participation.
    — The Special children school visit was organised on 2nd October with around 65 students volunteering and visiting St. Xavier's academy in Old Goa.
    — Evening of Joy was organised on 4th October with various workshops being organised by Kala, football team, Aero D, Skateboarding club and Dance club.
    — No Food wastage day was organised on 5th October.
    — Beach clean-up drive was held on 6th October. Students went to 4 beaches (Bogmallo, Baina, Utorda and Benaulim) and cleaned the beaches as part of second anniversary of the Swacch Bharat Abhiyaan.
    — Sky full of Joy was organised on 7th October in Lamani colony just after Happy Street. Nirmaan collaborated with Celestia to bring a telescope and give the children and the residents a glimpse of the endless universe.
    — Joyfest concluded the Joy of Giving week on 8th October'2016. Children from Zari, Lamani and four other orphanages participated. The chief guest for the event was Padma Shri Norma Alvares.
- Old age home visit was organised on 9th October.
- A fund raising event was held during all the days of the Joy of Giving week. Shree Gajalaxmi snacks, Monginis and Aditya caterers night canteen participated by donating a small share of their profit they got from the sale of popular food items on campus.
- Meal of Joy involved BITSians serving lunch to the working staff of the campus including mess workers, gardeners, housekeeping staff and security guards in the C-mess. Around 300 people were served.
- Awareness sessions aimed at creating general awareness among children and others to inform things unknown to them.

Activities at BITS Pilani Hyderabad Campus

- As part of Institutional Social Responsibility, the Institute has been taking part in the following activities under the aegis of NSS, Enactus, Engineers without Border (EWB), NIRMAAN, and SCIO Foundation & GRANDH Foundation

NATIONAL SERVICE SCHEME (NSS)

- National Service Scheme (NSS) at BITS Pilani Hyderabad campus carried out various activities such as NSS Day, Blood donation drive, Tree plantation, Diyas for a cause etc. during the academic year 2016-17. NSS has carried out various activities such as NSS Day, Blood donation drive, Tree plantation, Diyas for a cause etc. Due to these activities the volunteers acquired leadership qualities and democratic attitudes through mobilizing community participation, which allows them to practice national integration, social harmony and develops a sense of civic responsibility of an individual

ENACTUS

- Enactus is an entrepreneurial Non-Government Organisation. Enactus BITS Pilani Hyderabad campus chapter was started by a group of enthusiastic students, who wanted to bring a difference in the lives of people around them. First project Vyanjan 2016 took its form with a group of women from Pothaipally. The women involved had gained entrepreneurial experience and developed certain managerial skills.

ENGINEERS WITHOUT BORDER (EWB)

- Engineers without Border works towards accelerating sustainable rural development, assisting in capacity building in backward rural and urban communities of India, protecting the country's natural resource base and working across national boundaries for social and economic justice and responsible use of technology. Engineers without Border has a strong network of professional and student chapters across the city. Some of the projects during 2016-17 are: Liter of Light Project, Subsidized Biogas plants, Low cost sanitary napkins for rural women, etc.

NIRMAAN

- Nirmaan BITS Hyderabad chapter now undertakes three verticals namely School Adoption Programme (SAP), Livelihood Initiatives, Community Development Initiatives. Ignite'16 is the Annual festival of Nirmaan.

SCIO Foundation

- SCIO Benevolent Foundation BITS-Hyderabad chapter has organised 'VIDYA' (a carrier guidance workshop), 'VAIDYA' (medical camp in rural areas), 'VIGNAN' & 'VEDA'.

Grandh Foundation

- Grandh Foundation is a Social Organization that works on solving important Social problems by coming up with Solutions that leverage power of technology, design thinking and business model innovation at the core with an objective to Eradicate Social Problems Faster and Forever. Activities of Grandh are Prabhaav (Social Problem Awareness), Udhbhaav (Creating a holistic and supportive social entrepreneurship ecosystem), Vikas Soch (aims to find talented minds in social entrepreneurship) & Book Bank.

Activities and Accomplishments of Developmental Partners of BITSAA PRC, BITS Pilani, Pilani Campus

Pratham: Pratham is one of the top ranking NGOs of the country and housing in 1st and 2nd floor of building of PRC. Pratham has created excellent infrastructure and associated facilities to meet various requirements. Various programs running under Pratham are as follows:

PACE: Presently Pratham is running PACE program where more than hundred students with academic background of +8 education and below 30 age are trained to develop a career in hotel industry. Pratham has entered into a MOU with Taj hotel groups where trained students from the program are absorbed after the completion of the course. ITC has also sponsored 300 students from Jhalawar district.
Number of candidates trained - 637
Number of candidates given job - 522
Number of dropouts - 115

Read India: The 2nd important program runs here is Read India. The objective of this program is promotion of education in girls from rural areas. The program focuses on selection of dropout female folks and motivates them to study further in their own village. The Pratham faculty conducts interaction classes in villages for the benefit of female students. The program has caught off well and Mrs. Neerja Birla of Aditya Birla group has generously sponsored the program.
Number of students taught so far : 1000 (from 24 Government Schools)

Foundation Course for School (FCS): This is another program by Pratham which is working for the upper primary section of schools to build the basic foundation of Mathematics, English, Life Skills and computer literacy.

Presently, students being educated under this program - 700.
Five Pratham Mini Study Centres have also been developed in Pilani and surrounding villages for rural youth. Here students are taught basic Mathematics, English and Computer knowledge.
Each centre has - 30-40 students.

Prayogshala: Prayogshala is a space created by Nirmaan Organization to keep the curiosity of kids and educators alive with scientific experiments.

Number of BITS students imparting education – 10
Number of children visiting Prayogshala - 80-100

Digital India Lab: Digital India is running RSCIT (Rajasthan State Certificate of Information Technology) program where 20 students from BITS are imparting computer training to students.

Number of candidates imparted training – 27
Number of candidates given examination – 20
Number of candidates cleared examination - 17

Agastya International Foundation: Agastya runs hands-on science and art education programs in rural and semi-urban regions across 18 Indian states. It is one of the largest science education programs that caters to economically disadvantaged children and teachers in the world. Agastya has a "Creativity Lab" and Agastya's programs across India are also delivered by iMobile Lab Vans.

Summary of the work done by Agastya in BITSAA PRC is as follows:

Number of government schools adopted - 42

Number of visits by instructors with experts to schools in the year 2016-2017 - 7

Number of instructors - 6

Number of vans equipped with scientific instruments to perform experiments - 2

HelpAge India: Physiotherapy Centre: This is a physiotherapy centre established by HelpAge India and equipped with latest new machines, which are needed to provide relief to the aging patients. The neurological disorders, bone problems, muscular pain, chest problem, sports injury problems, physical disorder, gait problems etc are treated here by a competent physiotherapist. In needed cases, orthopedic surgeon is contacted for technical advice and accordingly treatment is given to the patient. Pre and post fracture and surgical patients are also treated with the help of surgeon for complete rehabilitation. Though the priority is given to the senior citizens but people from other walks of life can also take advantage from this facility.

A total number of 2750 patients were treated in the year 2016-17.

Sustainable Innovations Trust India: Sustainable Innovations Trust India (SITI) as a part of Sustainable Innovations (SI), USA, employs innovations in technologies, sciences, and economics to build social enterprises. SITI provides low-cost health care and safe drinking water to underprivileged rural people of India.

Two programs of SITI are:

Arogya, or kiosk-based clinic, provides health care for common ailments and preventable diseases to rural villages and urban slums. Arogya aims to treat common ailments and preventable diseases in

rural Rajasthan at an extremely low per visit cost. These Kiosks are equipped with computerized best medical practices for these ailments.

Arogya is being rolled out in - 50 villages, home to 100,000 people, in Jhunjhunu district, Rajasthan.

In phase I, Arogya was launched in - 15 villages.

The aggregate population of these villages is 45,000 which nearly half of the target population of 100,000 people.

The program has trained 15 – 20 high-school educated girls and boys who are trained to become social entrepreneurs for delivering health care at a patient's home.

Aakash Ganga or River from Sky is a domestic rainwater harvesting system. It channels rooftop rainwater from every house in a community, through gutters and pipes, to a network of multi-tier underground reservoirs. As of now, Aakash Ganga provides safe drinking water in seven villages, home to 10,000 people, in Jhunjhunu district of Rajasthan, India. In the second phase, SITI plans to implement Aakash Ganga in 100 villages, approximately, providing clean drinking water to 250,000 people.

Summary of the work done under Akash Ganga is as follows:

Village	Griha Tanka	Gram Tanka	Griha Tanka Capacity (lts)	Gram Tanka Capacity (lts)	Status
BITS	0	1	0	481,474	Completed
Harinagar	29	1	717,412	481,474	Completed
Indrasar	50	0	2,569,879	0	Completed
Kakreu Kalan	67	1	4,614,273	481,474	Completed
Laseri	49	1	2,787,414	481,474	Completed
Raila	30	1	662,956	533,489	Completed
Sanwlod	4	0	85,760	0	30 Griha Tanka and 1 Gram Tanka Propsed
Total	**229**	**5**	**11,437,696**	**2,459,385**	

Griha Tanka Capacity: 20,000 Lts (Approx)

Gram Tanka Capacity: 5,00,000 Lts (Approx)

Total Capacity in Lts: 13897081

Health Camps for underprivileged people:

Health Camp for general health: In the year 2016 by Dr. R.P. Pareek for general health check up and diabetes.

Number of patients treated - 350

Number of patients tested for diabetes - 110

Number of patients given medicines - 350

Eye Screening camps (2016-2017): The BITS Alumni Association PRC, M.S. Eye Hospital(Pilani) and The District Blindness Control Society(Jhunjhunu), joined hands to organise free eye-screening camps, a contribution towards societal welfare. The camps were organised keeping in mind the ultimate purpose of serving and creating mass awareness regarding eye-donation. The programs were conducted under the leadership of Dr. P.K. Sehgal, Chief Medical Officer (M.S. Eye Hospital) and his efficient and professionally dedicated team of 5 doctors and 30 paramedical staff. Summary is as follows:

	Eye Screening camp 1	Eye Screening camp 2
Number of patients treated	450	511
Number of patients given medicine	350	402
Number of patients given spectacles	210	130
Number of patients identified for cataract operation	100	96
Number of operations performed	85	92

B 5.3) Dropout Ratio

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

B 6.3.6) Human Resource Management

1. **Reimbursable Professional Allowance For The Faculty** - Allowance will be Rs. 1 Lakh per year for Assistant Professor or above and Rs 25000/- per year for Lecturers and Visiting Faculty. Also for Lecturers a pool of Rs. 75,000 is made available for every 5 Lecturers (or equivalently once in a Lecturer's tenure of approx. 5 years) specifically for travel to present paper at a Tier 1 or 2 conference in India/abroad.

   Unspent funds may be carried forward to next year. Maximum carry forward amount to next year is Rs 2 lakhs for Assistant Professor or above and Rs 50000/- for Lecturer and Visiting faculty.

   Such allowance may only be used for one's professional development. Normally, 50% or more should be used to present paper at a Tier 1 or 2 conferences to be identified by departments. Travel to a conference will be permitted by air provided air travel replaces train journey of 10 hours or more.

2. **Sabbatical Leave**

Introduction

The sabbatical leave policy of Birla Institute of Technology and Science, Pilani is intended to promote professional improvement and intellectual growth of faculty resulting in enhancing the quality of education and research at BITS.

 Criteria

- To conduct research in a University, Industry or Government research laboratory in India or abroad which would enhance the reputation of BITS.

- To undertake well-defined work in industrial concerns and technical departments of Governments, either in India or abroad, to gain practical experience in their respective fields.

- Any other purpose for the academic or related development of the faculty member, as approved by the Vice Chancellor in consultation with concerned campus Director / Dean / Faculty-in charge and Chief People Officer.

Eligibility

- A faculty member is eligible for one-year Sabbatical Leave after the completion of six years of continuous service at Assistant Professor Level or higher, with the Institute, and once every six years of continuous employment thereafter.

- At the time of availing the Sabbatical leave, the faculty member should have at least two years of service before superannuation.

- Service in BITS as a Visiting Faculty or a Visiting Scientist will not be considered for Sabbatical Leave.

- The faculty member should have a satisfactory record of performance in the most recent annual performance review.

Conditions

- The period of Sabbatical Leave may not exceed one year at a time.

- Sabbatical Leave cannot begin or end in the middle of a semester.

- The sabbatical leave can be broken up in two equal halves of 6 months each. However, in such a case the faculty member should be present at BITS for at least 3 years between the two periods.

- One may combine "vacation leave" of up to 2 months with the sabbatical leave.

- During the period of Sabbatical Leave the faculty member is entitled to full salary and allowances admissible under the normal rules but will not be provided traveling allowance or any other allowance in India or abroad. The faculty will receive 50% of the salary during the Sabbatical Leave, while the balance will be paid in 4 equal installments over the next two years together with interest calculated @ 6% per annum.

- The faculty member would be required to specify the purpose of visit and the nature of work proposed, and how the sabbatical work would contribute to his/her professional development and hence benefit the institute.

- A member of the faculty may not undertake any regular appointment with any other organization in India or abroad during the period of Sabbatical Leave. Any financial benefit received from outside the Institute during sabbatical should be disclosed to the Institute by the Faculty, and prior permission should be taken before receiving such amounts.

- The faculty member interested in proceeding on Sabbatical Leave would be required to intimate his/her intentions in writing to the concerned group leader and controlling officer at least one semester in advance.

- The work load of the faculty member on leave will be distributed among the remaining faculty members. However, in exceptional cases temporary substitutes may be employed.

- While recommending sabbatical leave the Group Leader would be required to certify to Dean/Faculty-in-charge that alternative arrangements have been made for sharing of the academic, research and project activities and other Institutional duties and commitments of the faculty member during his/her absence.

- A faculty member having a sponsored research project at BITS for more than two years may normally avail Sabbatical Leave only after completion of the project.

- No more than 10% of faculty (rounded off to the next higher integer) in a Group may be on Sabbatical Leave at a time.

- The Vice chancellor will be the final approving authority based on recommendations from the concerned campus Director / Dean / Faculty-in-charge and the Chief People Officer.

3. Extra-ordinary Leave (EOL)

An option to faculty will be provided to avail "extraordinary leave" (EOL) without pay for up to 2 years at a time subject to:

- He/she avails EOL with a view to enrich his/her background and/or experience that will benefit BITS upon his/her return to BITS,

- EOL will normally be available only after three years of service at BITS,

- The total of such EOL (together with sabbatical leave) is limited to 20% of time spent at BITS,

- One would normally be required to spend 3 years at BITS before he/she can avail similar paid or unpaid leave again.

- The family member of the faculty will normally be provided only minimal access to on-campus medical facility. Medical reimbursement will normally not be available to self and family during this period.

- The faculty member will contribute his/her share of PF as well as that of BITS to his/her PF account.

4. Consultancy Projects - Guidelines

The Institute has expertise in various research areas to provide knowledge and intellectual inputs which are of interest to the industry and other organisations. Following guidelines will be used for engaging in any consultancy job:

1. A consultancy project/task/work is one where faculty and research staff provide knowledge and intellectual inputs to industry or other organisations (within India and abroad), primarily for their purposes.

2. All payments for consultancy work must come in the name of Birla Institute of Technology & Science, Pilani payable at respective campus. The Institute will then do the needful for complying with statutory laws.

3. Faculty or PI will handle the project account and spend funds as required. Share of the Institute should also be transferred.

4. The requirement originates from the industry/other organisations concerned or faculty can approach industry/other organisations. The faculty is expected to estimate the time and cost required to accomplish the task.

5. Proposal is then prepared by the PI.

6. The budget for the proposal should be in one part. It should reflect project consultancy fee for PI, co-PI and other investigators, 50% overheads to BITS, and service tax on total amount, if applicable. Service tax is subject to periodic revision by the Government of India. Service tax is not applicable on projects, if the funds are received in foreign currency. Expenses on equipment, supporting manpower, travel, contingency must also be included in the budget, if necessary. (The faculty is advised that if the expense on equipment, supplies, manpower, travel, etc. is large, then these must be proposed as a separate R & D project.). These are summarized in the table given below:

Budget for Consulting Projects		
Consulting fee to be paid to PI	A	
Consulting fee to be paid to Co-PI	B	
Consulting fee to be paid to other Investigators	C	
Total Consulting fee		D = A + B + C
Equipment	E	
Supplies and any contingent expenses	F	
Manpower (students, external experts)	G	
Travel etc.	H	
Total Other expenses		J = E + F + G + H
Total expenses		K = D + J
Overheads to BITS (50% of Total consulting fee)		L = 0.5*K
Sub-total including overheads		M = K + L
Service tax		N = 0.1236*M
Total consulting charges		P = M + N

7. All consultancy proposals must be sent under signature of the PI to Dean/Associate Dean SRC for endorsement and approval by Campus Director.

8. Office will assign a unique internal number to the project proposal.

9. Payment to be made to BITS as per agreed upon milestones. 100% advance payment should be made if project is in one phase. If project is broken into phases, then 100% advance payment should be made before beginning of each phase. The expenditure and disbursements will be made through normal Institute procedures. The project expenditure for equipment and consumables will be maintained in a separate stock register by PI.

10. In international consultancy projects: a. Funds are received in foreign currency; b. service tax is not applicable; c. The consultancy assignment with the other party/funding agency of foreign origin should be in conformity with the laws of all the Countries involved and/or International laws as the case may be.

11. IPR issue: All IPR related issues are agreed between the PI and the funding agency and should be cleared by IIPC before signing MoU/agreement. Preferably, IPR will be jointly shared by BITS Pilani and the industry/ organization unless specified in agreement.

12. When MoU/agreement is cleared from all angles and acceptable to both the parties, it will be signed by the PI and Dean/Associate Dean SRC and industry/organization. A copy of the duly signed MoU/agreement will be sent to the other party and a copy retained in the office of Dean/Associate Dean SRC and a copy given to Finance section of the campus.

13. Project responsibility: These projects are headed by a Principal Investigator (PI), and may have CoPrincipal Investigators (co-PIs) and the deliverables are the responsibility of the PIs. The Institute provides the PIs necessary support.

14. The statement of expenditure and utilization certificate will be prepared at every financial year end by the competent designated authority, if required.

15. After completion of the project, final report should be submitted to the funding agency with a copy to the office of SRCD.

16. The project file will be closed with the submission of the final technical and financial project report and transfer of the non-consumables and consumables to the Institute.

17. The time spent on consultancy and related assignments shall be limited to the equivalent of 52 working days in a year, preferably at the rate of one working day per week. In addition, Consultants may be permitted to utilize, on an average one non-working day per week.

18. Consultancy assignments may be taken up and implemented, within the constraints indicated above, provided they do not have any adverse impact on the ongoing academic, research and related activities. Further, such assignments need to be carefully scheduled in the light of ongoing commitments. If required, a clear indication of the earliest date on which the assignment can commence may be clearly spelt out in the proposal form. 3

19. The services of employees of the Institute may be utilized for the execution of the consultancy projects provided it does not affect their primary functions and responsibilities to the Institute. Such work by employees may be compensated by suitable honoraria and must be a part of budget.

20. Students who are willing to work on consultancy projects may be permitted as per Institute norms to do so provided it does not affect their academic commitments and performance. Such work by students may be compensated by suitable honoraria and must be a part of budget.

21. Travel out of the campus on account of consultancy activities should be undertaken with intimation to the Head of the Department.

22. Outstation travel on Consultancy Assignments may be undertaken normally with the prior approval of the Head of the Department. In emergencies, prior intimation and subsequent sanction could be considered acceptable.

23. Faculty members should not use the name of BITS or its logo for consulting work, consulting reports, etc. except to identify the association of the consultant with BITS Pilani.

5. Testing Projects

The word refers to testing a component or a product against a standard. Examples could be testing the strength of concrete in construction, compaction strength of soil, calibration of pressure gauges, and chemical identification, drugs identifications, estimation and evaluation of unknown species. The Institute will undertake testing jobs provided facilities are available and such testing does not interfere with any teaching or research work. The testing jobs can be initiated by faculty once request is received for the testing job. The procedure for overall operation of the project is similar like that of consultancy project.

General Guidelines

1. **Limitations:** Undertaking routine testing jobs is to be discouraged. Sufficient caution also needs to be exercised to ensure that consultancy projects do not interfere with the normal duties of Faculty members.

2. **Involving Foreign Collaborators:** The proposals involving foreign collaborators must have funding support given to each partner in accordance with the National Laws, Rules, Regulations and procedures in effect.

3. **Publications of Results:** Investigators wishing to publish technical/ scientific papers based on the research work done under the project, should adhere to the guidelines of sponsoring agency and acknowledge the assistance received from sponsoring agency in the publications. If the results of research are to be legally protected, the results should not be published without action being taken to secure legal protection for the research results.

4. **Retainer ship:** With the permission of the Director of the Campus, the faculty members of the Institute can accept retainership of the reputed organizations. The fees thus earned shall be shared as per rules laid down above. Formula to share the retainership will be worked out in due course of time. An undertaking will be required from the concerned Faculty member indicating any conflict of interests between BITS and the other organisations.

5. **External Consultants in Consultancy Projects:** The services of external consultants may be utilized to a limited extent in order to provide comprehensive services to clients. Such external candidates will be entitled to a lump sum honorarium/ fees. The honoraria payable to external consultants may not exceed 30% of the total consultancy fee specified in the Consultancy Projects Proposal.

6. **Conflict of Interest:** Consultants shall disclose to the Dean (SRC) in writing, the existence of (i) any relationship between him / her and the client funding the consultancy project or any vendor to whom payments are made from the project funds, in the form of involvement of any immediate relatives or (ii) any scope for potential disproportionate self-gain. Dean (SRC) will review such cases and decide appropriately, with the advice of a committee, to ensure that no actual conflict of interest exists and that such an involvement by the consultant does not adversely affect the consultant's objectivity, integrity, or commitment to the Institute and to the profession.

   Consultants may not use the Institute name or the fact that they are affiliated with the Institute, in a manner that (i) suggests that the Institute approves or disapproves of a product or service provided by a profit, non-profit or governmental entity or (ii) suggests that the Institute has performed research or issued research findings when it has not done so, or misleadingly states the results of Institute research or (iii) may be interpreted to communicate the official position of the Institute on any issue of public interest.

7. **Exceptions:** Items like Book royalty and honorarium for Expert Committee meetings, invited lectures, PhD viva/evaluation, invited training programmes, organization of conferences/workshops are not covered under consultancy.

B 6.3.7) Faculty and Staff Recruitment

1. On-Campus Tenured

Selection process for filling faculty posts under the Institute (other than the non-tenure positions) by advertisement shall be constituted in the manner laid down below:

Selection Committees

(i)   University Level Selection Committee:

- Vice-Chancellor (or his nominee) – Chairman
- Two external experts in the concerned discipline
- Director of one of the 4 campuses – nominated by the Vice-Chancellor
- One of the Chairmen of the Department Level short-listing committee from one of the campuses in the concerned department/discipline
- Dean of Faculty Affairs – Convener
- Directors of the remaining BITS campuses (Special Invitees)

(**ii)   University Level Short-listing Review Committee**:

- Vice-Chancellor (or his nominee) - Chairman
- Directors of Pilani, Goa, Hyderabad Campuses
- Dean of Faculty Affairs - Convener
- Director, Dubai Campus (Special invitee)

(iii)   Campus Level Short-listing Review Committee (one for each campus in India)

- Director of the campus
- 2 or more Professors – to be identified by the campus Director
- Professor In-Charge of Faculty Affairs of the campus

(iv)   Department Level Application Short-listing Committee (at least 3 members) (one for each campus and for each discipline)

- Chairperson – to be nominated by the campus Director from amongst:
  - o   The HODs, if he/she is a Professor, ELSE
  - o   Any Professor from the Department, ELSE
  - o   Any Professor from a related discipline, ELSE
  - o   Any Professor from the campus.
- All other Professors and Associate Professors from the Department,
- Additionally up to two Professors from the campus if the members above are fewer than 3 – to be nominated by the campus Director.

Note: The short-listing committee will seek the views of all faculty members in the department in its effort to short-list or not short-list a candidate by having them express their opinion at any time, but particularly during the audio-visual interaction with the candidate.

Pay Structure for the Faculty The following is the pay structure for all faculty members:

Designations	Pay Band (PB) (Rs.)	Academic Grade Pay (AGP) (Rs.)
Senior Professor	Min. 66,000 and no cap	12,000
Professor	Min. 53,000 and no cap	10,500
Associate Professor	37,400-67,000 (Min.45,500)	9,500
Assistant Professor	1. 37,400-67,000 (Min.37,400) 2. 15,600-39,100 (Min. 30,000)*	9,500 8,000
Lecturer	15,600-39,100 (Min. 18,500)	7,000

* If an Assistant Professor reaches the maximum of Pay Band, he/she will continue to get the annual increment assuming he/she is placed in the next higher Pay Band without any change in AGP. One will continue to move in the higher Pay Band till the pay in the Pay Band reaches Rs. 67,000/- after which no further increments will be granted.

Rate of Annual increment:

The rate of increment will be 3% of the Basic Pay, that is, sum of the pay in the Pay Band and Academic Grade Pay applicable, which will be rounded off to the next multiple of 10. The amount of this increment will be added to the existing pay in the Pay Band.

Dearness Allowance:

Dearness Allowance is as per Central Government Rules.

Terms and Conditions

- **Lecturers**

  o Appointment will be on temporary basis for one year, to be assessed and renewed every year based on their performance in teaching and research for a maximum of 6 years and subject to the following:

    ▪ They will normally be required to engage in research towards their PhD for 50% of the time,

    ▪ They must make every effort to complete their PhD within 6 years, failing which they may continue to work on PhD as full time or part time students without financial support from BITS.

  o Once he/she completes the PhD, he/she can apply to BITS for the position of an Assistant Professor if he/she chooses to. The application will be processed following the usual process of short- listing and interview for the position of Assistant Professor Appointment as an Assistant Professor will not be automatic.

- **Assistant Professors**

  A fresh Ph.D. in any discipline will be eligible to be appointed as an Assistant Professor on "temporary against a regular position" with the minimum pay of Rs. 30000 in the Pay Band of 15600-39100. Once he/she successfully completes three years period, his/her performance will be assessed. If appraisal is favorable, his/her appointment becomes "regular" and will be placed in the Pay Band of 37400-67000 with a minimum pay of Rs.37400 and AGP of Rs.9500. However, he/she will continue to be designated as Assistant Professor. If appraisal is not favorable, the temporary appointment will normally cease to exist at the end of six months of his/her existing term.

- **Associate Professors**

New appointment of Associate Professors will be on "temporary against a regular position" for a period of one year in the Pay Band of 37400-67000 with a minimum pay of Rs.45500 and AGP of Rs.9500. Such appointments will be made "regular" after a favorable assessment at the end of one year. If appraisal is not favorable, temporary appointment will cease to exist at the end of his/her existing term.

- **Professors**

New appointment of Professors will be on "temporary against a regular position" for a period of one year with a minimum pay of Rs.53,000 and AGP of Rs.10500. Such appointments will be made "regular" after a favorable assessment at the end of one year. If appraisal is not favorable, temporary appointment will cease to exist at the end of his/her existing term.

- **Senior Professors**

New appointment of Senior Professors will be on "temporary against a regular position" for a period of one year with a minimum pay of Rs.66,000 and AGP of Rs.12000. Such appointments will be made "regular" after a favorable assessment at the end of one year. If appraisal is not favorable, temporary appointment will cease to exist at the end of his/her existing term.

Minimum qualifications

- **Lecturer**
  - ME/MPhil/MPharm/MBA or equivalent in a relevant discipline from an institution of high repute (with a 1st Div. or 60% in all college/university level degrees)
  - Potential for excellence in teaching and research.

- **Assistant Professor**
  - PhD in a relevant discipline from an institution of high repute (with 1st Div. or 60% at ME/MPhil/MPharm/ MBA/Pre Ph.D. qualification level)
  - Potential for excellence in teaching and research
  - At least 4 publications (of which 2 are in journals of international repute).

- **Associate Professor**
  - PhD in a relevant discipline from an institution of high repute (with 1st Div. or 60% at ME/MPhil/MPharm/ MBA/Pre Ph.D. qualification level)
  - At least 6 years post- PhD experience in teaching and/or research, of which at least 3 years at the level of an Assistant Professor, or equivalent
  - Demonstrated excellence in teaching, research and sponsored R&D
  - At least 10 publications (of which 5 are in journals of international repute)
  - Guided at least one PhD student (independently or jointly with someone else)
  - Completed at least one sponsored R&D project of value Rs. 5 lakhs or more as PI (alternatively completed two sponsored R&D projects as a co- PI each of value Rs. 5 lakhs or more).

- **Professor**
  - PhD in a relevant discipline from an institution of high repute (with 1st Div. at ME/MPhil/MPharm/MBA/Pre Ph.D. qualification level)
  - At least 10 years post- PhD experience in teaching and/or research, of which at least 4 years at the level of an Associate Professor, or equivalent
  - Sustained excellence in teaching, research and sponsored R&D

- o Potential for leadership in research, education and institution building

- o At least 20 publications (of which 10 are in journals of international repute)

- o Guided at least one PhD student independently (alternatively guided two PhD students jointly with someone else)

- o Completed at least two sponsored R&D projects each of value Rs. 5 lakhs or more as PI (alternatively completed one sponsored R&D project as PI of value Rs. 5 lakhs or more and completed two sponsored R&D project as a co- PI each of value Rs. 5 lakhs or more).

- **Senior Professor**

  - o At least 6 years as a Professor at BITS Pilani, or equivalent at other Institutes of repute.

  - o Demonstrated leadership, scholarship and eminence in research, education and institution building for at least 6 years as a Professor

Exception clauses: (a) In exceptional cases, the Selection Committee may relax one or more minimum qualifications given above and the committee may award one or more additional increments within the pay band, (b) For the post of an Assistant Professor, Associate Professor or Professor one may consider an outstanding Engineer/Technologist/Scientist from industry who may or may not have a Ph.D. Such a person should have made significant contribution to research or innovation while working in a position consistent with the academic position for which he/she is being considered in a company with an established reputation. His/her contribution should be adequately documented in the form of awards, designs that are in production, patents, design registrations, and/or publications.

Type of appointments

- The appointment of a faculty under "temporary against a regular position" may be terminated by either side with a notice period of one month.

- The appointment of faculty under "regular" position will be valid till he/she attains the age of superannuation. Such a faculty will be assessed periodically and if his/her performance is found to be "unsatisfactory" or "needs improvement" in each of the three preceding assessments, his/her appointment will be terminated with a notice period of six months (normally).

2. On-Campus Non-Tenured

Background and Purpose

BITS encourages young researchers and professors who are starting their careers, those who have superannuated , for appointment at BITS not against a tenured position, but for a fixed duration as "Visiting" or on "contract". However, these appointments are not routine (i.e. continued year after year) but mostly to meet immediate teaching and other requirements.

The positions available under " non-tenured faculty " appointments are:

- post-doctoral researchers Research Associate (or PDF) to work with us on research projects for 1 to 3 years,

- Visiting Faculty, Visiting Professors, for 3 months to 2 years to enrich our teaching, research or curriculum which includes Faculty "on contract", Honorary Visiting Professor

- Guest Faculty who will help us with WILP programmes and on-campus needs of a department (preferably for an academic semester).

3. Off-Campus Tenured

Faculty Positions in the Off-Campus Programmes

Opportunities are available for faculty aspirants with outstanding academic credentials to participate in instruction in the Work Integrated Learning Programmes, and mentoring students of the on-campus degrees of the institute, undergoing Practice School in various industries.

Subject Areas: Computer Science, Software Engineering, Mechanical Engineering, Manufacturing Engineering, Electrical & Electronics Engineering and Management.

Locations: Bengaluru, Chennai, Delhi (NCR), Hyderabad and Pune.

Associate Professor (Off-Campus)

Ph.D in relevant discipline from an institution of repute (with 1st Div. or 60% throughout) with a minimum of six years experience at the level of Assistant Professor, or ME (or equivalent) in relevant discipline from an institution of repute with 1st Div. or 60% throughout, and a minimum of twelve years experience of which six years should have been at the level of Assistant Professor, with an excellent track record of teaching, curriculum & content development, and research.

Assistant Professor (Off-Campus)

Ph.D in a relevant discipline from an institution of repute (with 1st Div. or 60% throughout), or ME (or equivalent) with 1st Div. or 60% throughout from an institution of repute, and a minimum of six years relevant experience in academics / industry, with potential for academic excellence and a passion for teaching.

Lecturer (Off-Campus)

M.E. (or equivalent) in relevant discipline from an institution of repute, with 1st Division or 60% throughout, with potential for academic excellence and a passion for teaching.

Instructor (Off-Campus)

M.Sc. (or equivalent) in Mathematics/Physics from an Institution of repute, with 1st Div. or 60% throughout, and aspiring for a career in Computer Science/Software Engineering, while pursuing a suitable higher degree programme.

University Wide List of Faculties who joined BITS in the Academic Year 2016 - 2017

S. No.	PSRN	Name	Campus	Department	Designation	Date of Join	Category
1	H0538	Dushyant Kumar	Hyd	Eco. Fin.	ASOP	1-Aug-16	Teaching
2	P3428	Amit Dua	Pilani	CSIS	ASTP	1-Aug-16	Teaching
3	P3448	Satyabrata Sahoo	Pilani	Mech. Engg.	ASTP	4-Aug-16	Teaching
4	D1233	Aiyaswami Prasad	Dubai	HSS	V. Prof.	8-Aug-16	Teaching
5	H0545	Vijaya Bhaskar Marisetty	Hyd	Eco. Fin.	Prof.	8-Aug-16	Teaching
6	P3449	Varsha Mamidi	Pilani	OC	Asst. Prof. (OC)	8-Aug-16	Teaching
7	G0665	Amal Siju	Goa	Mech. Engg.	Lect.	8-Aug-16	Teaching
8	G0666	Ruma Ghosh	Goa	EEE & I	ASTP	8-Aug-16	Teaching
9	H0546	Abdul Quadir	Hyd	Eco. Fin.	ASTP	10-Aug-16	Teaching
10	P3450	Dhanashree N P	Pilani	OC	Lect. (OC)	10-Aug-16	Teaching
11	H0547	Suvadip Batabyal	Hyd	CSIS	ASTP	16-Aug-16	Teaching
12	G0667	Debasis Das	Goa	CSIS	ASTP	17-Aug-16	Teaching
13	H0549	Mini Thomas P	Hyd	Eco. Fin.	ASTP	22-Aug-16	Teaching

S. No.	PSRN	Name	Campus	Department	Designation	Date of Join	Category
14	P3451	Mudliar Mahalakshmi Rajan	Pilani	OC	ASOP (OC)	22-Aug-16	Teaching
15	D1236	Gudipadu Venkatesh	Dubai	Mech. Engg.	Asst. Prof.	28-Aug-16	Teaching
16	H0550	Subhrakanta Panda	Hyd	CSIS	ASTP	1-Sep-16	Teaching
17	G0669	Hemant Rathore	Goa	CSIS	Lect.	9-Sep-16	Teaching
18	P3452	Rajendra Narayan Paramanik	Pilani	Eco. Fin.	ASTP	12-Sep-16	Teaching
19	P3454	Nilanjan Chattaraj	Pilani	EEE & I	ASTP	1-Oct-16	Teaching
20	D1237	Meghana Charde	Dubai	Civil Engg.	Asst. Prof.	12-Oct-16	Teaching
21	G0671	Shilpa Gondhali	Goa	Maths	ASTP	1-Nov-16	Teaching
22	H0556	Siva Prasad A V S	Hyd	Mech. Engg.	ASTP	21-Nov-16	Teaching
23	D1238	Naveen Shrivastava	Dubai	Mech. Engg.	Asst. Prof.	26-Dec-16	Teaching
24	P3456	Asutosh Kar	Pilani	EEE & I	ASTP	2-Jan-17	Teaching
25	G0672	Akshay Rane	Goa	Maths	ASTP	2-Jan-17	Teaching
26	P3460	Mahaveer Singh	Pilani	Pharmacy	VFAC.	9-Jan-17	Teaching
27	P3461	Lucky Sharan	Pilani	EEE & I	VFAC.	9-Jan-17	Teaching
28	P3462	Ashish Misra	Pilani	EEE & I	VFAC.	9-Jan-17	Teaching
29	P3463	Vinita Tiwari	Pilani	EEE & I	VFAC.	9-Jan-17	Teaching
30	P3464	Mahesh Angira	Pilani	EEE & I	ASTP	9-Jan-17	Teaching
31	P3465	Vineet Kumar	Pilani	EEE & I	VFAC.	9-Jan-17	Teaching
32	P3466	Akshaya G	Pilani	OC	Lect. (OC)	9-Jan-17	Teaching
33	H0557	Sunny Kumar Singh	Hyd	Eco. Fin.	ASTP	10-Jan-17	Teaching
34	G0673	Anoop George	Goa	HSS	ASTP	12-Jan-17	Teaching
35	H0558	Bheemeshwar Reddy A	Hyd	Eco. Fin.	ASTP	6-Feb-17	Teaching
36	P3467	Arun Chauhan	Pilani	CSIS	ASTP	6-Feb-17	Teaching
37	G0674	Vivek Rangarajan	Goa	Chem.Engg.	ASTP	13-Feb-17	Teaching
38	P3468	Aashish Mathur	Pilani	EEE & I	ASTP	15-Feb-17	Teaching
39	G0676	Ashish Chittora	Goa	EEE & I	ASTP	23-Feb-17	Teaching
40	P3469	Saurabh Chadha	Pilani	Mgmt.	ASTP	3-Apr-17	Teaching
41	G0681	Pradeep Sow	Goa	Chem.Engg.	ASTP	3-Apr-17	Teaching
42	P3470	Nirankush Dutta	Pilani	Mgmt.	VFAC.	5-Apr-17	Teaching
43	H0561	Suchismita Satpathy	Hyd	HSS	ASTP	17-Apr-17	Teaching
44	G0683	Sandeep Jose	Goa	Mech. Engg.	ASTP	17-Apr-17	Teaching
45	G0684	Shivam Verma	Goa	EEE & I	ASTP	28-Apr-17	Teaching
46	H0563	Shaikshavali Chitraganti	Hyd	EEE & I	ASTP	1-May-17	Teaching
47	H0564	Vivek Sharma	Hyd	Bio. Sc.	ASTP	1-May-17	Teaching

S. No.	PSRN	Name	Campus	Department	Designation	Date of Join	Category
48	H0565	Jamma Trinath	Hyd	Bio. Sc.	ASTP	1-May-17	Teaching
49	P3471	Tamal Chakraborty	Pilani	CS	ASTP	1-May-17	Teaching
50	P3472	Surabhi Koul	Pilani	Mgmt.	VASTP	1-May-17	Teaching
51	H0566	Lavanya Suresh	Hyd	HSS	ASTP	5-May-17	Teaching
52	P3473	Varun Sharma	Pilani	Mech. Engg.	ASTP	8-May-17	Teaching
53	G0687	Bhupendra Reniwal	Goa	EEE & I	ASTP	15-May-17	Teaching
54	H0568	Pranesh Bhargava	Hyd	HSS	ASTP	17-May-17	Teaching
55	H0569	Sudeepta Mishra	Hyd	CSIS	ASTP	19-May-17	Teaching
56	G0688	Sukumar Vellakkal	Goa	Eco. Fin.	VASTP	22-May-17	Teaching
57	H0570	Asrifa Sultana	Hyd	Maths	ASTP	23-May-17	Teaching
58	H0571	Shinde Vijay Maruti	Hyd	Chem.Engg.	ASTP	1-Jun-17	Teaching
59	P3474	Manoj Kannan	Pilani	Bio. Sc.	ASTP	1-Jun-17	Teaching
60	G0690	Sandeep Singh	Goa	Mech. Engg.	ASTP	5-Jun-17	Teaching
61	P3475	Pratyush Banerjee	Pilani	Mgmt.	VASTP	15-Jun-17	Teaching
62	D1242	Venkata Ravipudi	Dubai	Mech. Engg.	V. Prof.	18-Jun-17	Teaching
63	D1243	Pallab Sanpui	Dubai	Bio. Tech.	Asst. Prof.	29-Jun-17	Teaching
64	H0573	Mithun Mondal	Hyd	EEE & I	VFAC.	1-Jul-17	Teaching
65	G0692	Hrishikesh Sonalikar	Goa	EEE & I	ASTP	1-Jul-17	Teaching
66	D1245	Sridhar Gangaputhiran	Dubai	Civil Engg.	Asst. Prof.	2-Jul-17	Teaching
67	D1246	Mainak Dutta	Dubai	Bio. Tech.	Asst. Prof.	2-Jul-17	Teaching
68	D1247	Mrutuyanjaya Sahu	Dubai	HSS	Asst. Prof.	10-Jul-17	Teaching
69	P3477	Bhanu Vardhan Reddy Kuncharam	Pilani	Chem.Engg.	ASTP	10-Jul-17	Teaching
70	G0693	Richa Singhal	Goa	Chem.Engg.	ASTP	10-Jul-17	Teaching
71	P3478	Meghana Tare	Pilani	Bio. Sc.	ASTP	13-Jul-17	Teaching
72	H0575	Saroj Mondal	Hyd	EEE & I	ASTP	14-Jul-17	Teaching
73	H0576	Gireesha Thipperudrappa Mohannath	Hyd	Bio. Sc.	ASTP	14-Jul-17	Teaching
74	H0577	Neha Bharill	Hyd	CSIS	VFAC.	14-Jul-17	Teaching
75	G0694	Rahul Thakur	Goa	CSIS	ASTP	15-Jul-17	Teaching
76	D1248	Nilesh Goel	Dubai	EEE & I	Asst. Prof.	17-Jul-17	Teaching
77	G0695	Anirban Roy	Goa	Chem.Engg.	ASTP	17-Jul-17	Teaching
78	G0696	Parichay Patra	Goa	HSS	ASTP	17-Jul-17	Teaching
79	H0579	Subhash Narayan Karbelkar	Hyd	Bio. Sc.	ASOP	18-Jul-17	Teaching
80	P3480	Kusum Lata	Pilani	Physics	VFAC.	20-Jul-17	Teaching

S. No.	PSRN	Name	Campus	Department	Designation	Date of Join	Category
81	P3481	Syamantak Majumder	Pilani	Bio. Sc.	ASTP	25-Jul-17	Teaching
82	P3484	Mayuri Abhijeet Digalwar	Pilani	CSIS	VASTP	25-Jul-17	Teaching
83	G0697	Sharad Sontakke	Goa	Chem.Engg.	ASTP	25-Jul-17	Teaching
84	G0698	Mahadev Gawas	Goa	CSIS	VFAC.	25-Jul-17	Teaching
85	G0699	Amol Deshpande	Goa	Chem.Engg.	VASTP	25-Jul-17	Teaching
86	G0700	Shubhangi Gawali	Goa	CSIS	VFAC.	25-Jul-17	Teaching
87	D1250	Sartaj Rather	Dubai	HSS	Asst. Prof.	26-Jul-17	Teaching
88	H0580	Bahurudeen A	Hyd	Civil Engg.	ASTP	26-Jul-17	Teaching
89	H0581	Ruchi Jain Dey	Hyd	Bio. Sc.	ASTP	28-Jul-17	Teaching
90	G0701	Swati Agarwal	Goa	CSIS	VASTP	28-Jul-17	Teaching
91	D1251	Gaurav Saxena	Dubai	CS	Lect.	30-Jul-17	Teaching
92	D1252	Snehaunshu Chowdhury	Dubai	Mech. Engg.	Asst. Prof.	30-Jul-17	Teaching
93	H0582	Basudev Majumder	Hyd	EEE & I	ASTP	31-Jul-17	Teaching
94	P3483	Rajesh Kumar	Pilani	Maths	ASTP	31-Jul-17	Teaching

University Wide List of Non-Teaching Staff who Joined BITS in the Academic Year 2016 - 2017

S. No.	PSRN	Name	Campus	Department	Designation	Date of Join	Category
1.	D2111	Naresh Thikkla	Dubai	Hostel Unit	Helper	1-Aug-16	Helping
2.	D2112	Suresh Kondameedi	Dubai	Hostel Unit	Helper	1-Aug-16	Helping
3.	H0539	Gouthami Poloju	Hyd	Dept. of Elec. & Electro. Engg	Jr. Office Assistant	1-Aug-16	Support
4.	H0540	Awadhesh Kumar Upadhyaya	Hyd	Workshop Unit	Jr. Attendant	1-Aug-16	Helping
5.	H0541	Awala Shankaraiah	Hyd	Dept. of Civil Engineering	Helper	1-Aug-16	Helping
6.	H0542	Burewar Rekha Madhukar	Hyd	Dept. of Pharmacy	Jr. Attendant	1-Aug-16	Helping
7.	H0543	Thandur Mohan Rao	Hyd	Library Unit	Attendant	1-Aug-16	Helping
8.	H0544	C V Sidhu Srinivas	Hyd	Dept. of Pharmacy	Helper	1-Aug-16	Helping
9.	P3429	Bimla Devi	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
10.	P3430	Diwan Singh	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
11.	P3431	Shyam Lal	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping

S. No.	PSRN	Name	Campus	Department	Designation	Date of Join	Category
12.	P3432	Inder Singh	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
13.	P3433	Prithvi Singh	Pilani	Student Welfare Division	Helping staff	1-Aug-16	Helping
14.	P3434	Ram Kumar	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
15.	P3435	Indraj Saini	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
16.	P3436	Ramesh Kumar Harijan	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
17.	P3437	Vikram Singh	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
18.	P3438	Suresh Kumar Saini	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
19.	P3439	Anil Kumar	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
20.	P3440	Krashan Singh Shekhawat	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
21.	P3441	Rakesh Kumar	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
22.	P3442	Vinod Kumar	Pilani	Student Welfare Division	Helping staff	1-Aug-16	Helping
23.	P3443	Virender Kumar	Pilani	Transport Services Section	Helping staff	1-Aug-16	Helping
24.	P3444	Mukesh Kumar Panwar	Pilani	Dept. of Pharmacy	Helping staff	1-Aug-16	Helping
25.	P3445	Sohan Lal Nayak	Pilani	Estate Management Unit	Helping staff	1-Aug-16	Helping
26.	P3446	Vishwanath	Pilani	Transport Services Section	Helping staff	1-Aug-16	Helping
27.	G0664	Namita Parmekar	Goa	Acedmic Research Division	Office Assistant	5-Aug-16	Support
28.	D1234	Rohit Joseph	Dubai	Finance and Accounts Division	Accounts Assistant	8-Aug-16	Support

S. No.	PSRN	Name	Campus	Department	Designation	Date of Join	Category
29.	D1235	Aiswarya Anoop	Dubai	Dept. of General Sciences	Lab Instructor	14-Aug-16	Support
30.	H0548	M Venkatesh	Hyd	Construction Division	Manager	16-Aug-16	Support
31.	P3453	Arun Khetan	Pilani	Accounts & Finance Unit	Chief Finance Officer	16-Aug-16	Support
32.	G0668	Arjun Halarnkar	Goa	Public Relations Unit	Public Relations Officer	1-Sep-16	Support
33.	H0551	V S Varmesh	Hyd	Construction Division	Commercial Manager	16-Sep-16	Support
34.	H0552	Pradeep Ranjan Singh Deo	Hyd	WILPD	DGM - Operations	14-Oct-16	Support
35.	H0553	Badrinath B	Hyd	Maintenance Unit	Manager	17-Oct-16	Support
36.	D2113	Srikanth Vangapally	Dubai	Hostel Unit	Cleaner	20-Oct-16	Helping
37.	G0670	Shradha Naik	Goa	Medical Center Unit	General Duty Medical Officer	20-Oct-16	Support
38.	H0554	Vamsi Krishna Devarakonda	Hyd	Central CAD Laboratory	Technician	15-Nov-16	Support
39.	H0555	Varun Singh	Hyd	Uni - Ind. Linkages(PS & WILP)	Manager	16-Nov-16	Support
40.	P3455	Shrawan Kumar	Pilani	Student Welfare Division	Office Assistant	30-Dec-16	Support
41.	P3457	Sharwan Ram	Pilani	Instruction Division	Office Assistant	2-Jan-17	Support
42.	P3458	Mudit Soni	Pilani	Academic Regn.& Counselling Div	Office Assistant	2-Jan-17	Support
43.	P3459	Gopal Krishan Basotia	Pilani	Centralised Purchase Unit	Office Assistant	2-Jan-17	Support
44.	G0675	Devendra Kumar	Goa	IMA Facility	LC/MS Operator	15-Feb-17	Support
45.	D1239	Harshit Patel	Dubai	Academic Regn.&Counselling Div	Administrative Assistant	21-Feb-17	Support
46.	G0677	Santosh Malagimani	Goa	Students Activity Centre	Attendant	1-Mar-17	Helping
47.	G0678	Mayuresh Murkunde	Goa	Library Unit	Jr. Computer Operator	8-Mar-17	Support

S. No.	PSRN	Name	Campus	Department	Designation	Date of Join	Category
48.	D1240	Mohammad Akram	Dubai	Finance and Accounts Division	Manager	14-Mar-17	Support
49.	G0679	Nilesh Dhawaliker	Goa	Purchase stores estate	Sr. Store Keeper	14-Mar-17	Support
50.	H0559	Pragyan Siddhartha	Hyd	WILPD	Sr. Executive	17-Mar-17	Support
51.	D1241	Jason Lourence	Dubai	Dept. of Mechanical	Lab Instructor	19-Mar-17	Support
52.	G0680	Yamunappa Lamani	Goa	Placement Unit	Operations Assistant	1-Apr-17	Support
53.	H0560	Vinay Kumar Singh	Hyd	General Administration Unit	Deputy Registrar	4-Apr-17	Support
54.	G0682	Shailesh Majalikar	Goa	Students Activity Centre	Senior Attendant	6-Apr-17	Helping
55.	H0562	Jinu Paul	Hyd	Workshop Unit	Jr. Technician	18-Apr-17	Support
56.	G0685	Datta Shet	Goa	Accounts & Finance	Operations Assistant	4-May-17	Support
57.	G0686	Shridhar Patil	Goa	Student Welfare Division	Asstt. Hostel Supdt.	10-May-17	Support
58.	H0567	Madhusmita Das	Hyd	Faculty Affairs	Sr. Professional Asst.	16-May-17	Support
59.	G0689	Rupesh Walke	Goa	Dept. of Physics	Sr. Technician	1-Jun-17	Support
60.	H0572	Srikanth Sridhar	Hyd	General Administration Unit	HR Manager	12-Jun-17	Support
61.	G0691	Sushant Sattarkar	Goa	Projects	Project Accountant	19-Jun-17	Support
62.	P3476	Surbhi Gupta	Pilani	General Administration Unit	Legal Officer	28-Jun-17	Support
63.	D1244	Akshay Chutani	Dubai	Administration Division	Assistant Registrar	2-Jul-17	Support
64.	H0574	Rajiv Kamra	Hyd	Medical Center	Chief Medical Officer	8-Jul-17	Support
65.	H0578	Khaja Mohinuddin	Hyd	Student Welfare Division	Asstt. Hostel Supdt.	17-Jul-17	Support
66.	P3479	Rajendra Prasad Pareek	Pilani	Administration Div. - P	Medical Consultant	19-Jul-17	Support
67.	D1249	Lucy Cherian	Dubai	Dept. of Biotechnology	Lab Instructor	25-Jul-17	Support