

सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत

**SARDAR VALLABHBHAI
NATIONAL INSTITUTE OF TECHNOLOGY
SURAT**



**वार्षिक रिपोर्ट
ANNUAL REPORT
2015-2016**



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SARDAR VALLBHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

INDEX		
Sr. No.	TOPICS	Page No.
1.0	INTRODUCTION	
	1.1 Our Vision	01
	1.2 Our Mission	01
	1.3 Objectives	01
	1.4 Education System	01
	1.5 Good Practices being followed at SVNIT	02
2.0	AN OVERVIEW	
	2.1 Historical Background	02
	2.2 Location	04
	2.3 Campus	04
	2.4 Administration	04
	2.5 Academic Programme	05
	2.6 Course Offered	05
	2.7 Admission Procedure	06
	2.8 Students Intake	07
	2.9 Examination & Evaluation - Placement	08
	2.10 Games and Sports	13
3.0	THE STAFF	
	3.1 Academic Staff (Teaching)	16
	3.2 Non-academic Staff	16
	3.3 Training of Staff	16
4.0	TEACHING PROGRAMMES	
	4.1 Course Offered	17
	4.2 Course-wise enrollment with sex, caste break-up	17
	4.3 Admission statistics UG/PG/PhD programmes course-wise	18
	4.4 Total Student Strength	24
	4.5 The Hostel	24
	4.6 Scholarship / Assistance-ship	26
	4.7 Examination Details	30
5.0	RESEARCH AND DEVELOPMENT ACTIVITIES	
	5.1 Ph.D. Programmes - Existing	32
	5.2 Details of Ph.D	32
	5.3 Proposed Plan for Research	37
	5.4 Institute - Industry Collaboration	95
6.0	THE COUNCIL, BOG AND OTHER COMMITTEES	
	6.1 The Council	97
	6.2 Board of Governors	98
	6.3 Members of Senate	99
	6.4 Purchase Committee	101
	6.5 Finance Committee	101
	6.6 Building & Works Committee	102

7.0		Concessions for SCs, STs and Handicapped students, concessions provided for students	
	7.1	Concession details	102
8.0		FINANCIAL STATUS	
	8.1	Analysis of Plan and Non-Plan Grants (Received) (Rs. In Lakhs)	103
	8.2	Sources of Fund	103
	8.3	Expenditure Position for the year 2015-16 (Rs. In Lakhs)	104
9.0		CENTRAL FACILITIES AND SERVICES	
	9.1	Central Computer Centre	104
	9.2	Central Library	106
	9.3	Laboratories	110
10.0		NOTABLE ACHIVEMENTS	
	10.1	Achievements by Faculty and Students	113
	10.2	Achievements took place during the reporting year 2015-16	117
		I. Publication in the International Journals II. Publication of Books III. Publication in the National Journals IV. Conference Proceedings /Papers Presented in the International Conferences / Workshops / Seminars V. Conference Proceedings /Papers Presented in the National Conferences / Workshops / Seminars VI. Conference / Workshop / Seminar / Symposium/ Short Term Programmes Organized at SVNIT VII. Expert Lectures delivered by the faculty members at SVNIT/ other Institute/ Organizations VIII. Expert Lectures organized at SVNIT Surat as Resource Person IX. Paper Reviewer in International and National Journals / Conferences / Seminars X. Ph.D theses reviewed as examiner outside SVNIT	
	10.3	Patents	209
	10.4	MoUs	210
11.0		TEQIP ACTIVITIES	
	11.1	Implementation	211
	11.2	Objectives	212
	11.3	Expenditure	215
12.0		ANNEXURES	
	12.1	a) Research Projects Details	216
		b) Consultancy Details	222
		c) Testing Details	244
	12.2	Faculty Position	245
	12.3	Administrative and other Staff	249
	12.4	Staff members deputed / sponsored for training / learning	251

1.0 INTRODUCTION

1.1 Our Vision

Sardar Vallabhbhai national institute of technology, Surat, is to be one of the leading Technical Institutes disseminating globally acceptable education, effective industrial training and relevant research output.

1.2 Our Mission

Sardar Vallabhbhai national institute of technology, Surat, is to be a globally accepted centre of excellence in technical education catalyzing absorption, innovation, diffusion and transfer of high technologies resulting in enhanced quality for all the stakeholders.

1.3 Objectives

1. To offer quality programmes in the engineering at UG, PG and Ph.D. level.
2. To impart instruction and training to students to meet the technological needs.
3. To promote research environment.
4. To promote Industry – Institute interaction.
5. To foster national integration and value based education.
6. To interact with Alumni for development of the Institute and for making use of their expertise and resources.
7. To impart quality education alongwith development of confidence for being an entrepreneur.

1.4 Education System

The Institute offers Six UG and Seventeen PG Programmes along with full time Ph.D. Programmes in Engineering and M.Sc. Integrated programs of five years in science disciplines - Moreover, full time as well as part-time Ph.D. and M.Tech (Research) programmes have also been offered. Credit System is introduced both at UG & PG Level courses.

The curriculum is designed to keep the balance of both the theoretical based and experimental based subjects along with necessary flexibility in the form of electives. The projects are offered at final year level to bring up the creativity of the students. The Centre for Humanity Resources Development provides the platform for various activities of value based education system. Extra curricular activities & personality development programmes have been introduced in addition to routine cultural and sports activities.

The Institute is committed to develop education system which is useful to train the students for not only quality engineer but also to make them good human being.

1.5 Good Practices being followed at SVNIT

1. The Institute provides flexibility to the students for getting an exposure at Institute of repute such as IITs.
2. Early induction to the PhD program for the top meritorious students from the M Tech I – admitted directly to PhD program.
3. Institute practices Internal Academic audit for improvement in quality of education.
4. Regularly participating for Accrediting of UG & PG programmes.
5. Ample opportunities for organizing events and submission of Research projects/consultancies assignments, presenting research papers at International Conferences.
6. Seed Grant to faculty members for encouraging research culture.
7. Policy for filing/obtaining of Patents and sharing revenue for probable revenue generation.
8. Encouraging students for research activities / training and they are supported for presenting papers in India and at abroad including internships.
9. All the students in the campus have been covered under the Mediclaim Policy.

2.0 AN OVERVIEW

2.1 Historical Background

This Institute was established in 1961 as one of the RECs for imparting technical education in Civil, Mechanical and Electrical Engineering. In the year 1983-84 the Under Graduate programmes in Electronics Engineering was introduced and in the year 1988-89 the UG programmes in Computer Engineering and Production Engineering was started. In the year 1995-96, UG programme in Chemical Engineering was introduced. In exercise of the powers conferred by section 3 of the University Grants Commission (UGC) Act, 1956, the Central Government on the advice of the University Grants Commission, has declared the Sardar Vallabhbhai Regional College of Engineering & Technology (SVREC), Surat to Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat with status of “Deemed University” with effect from 4th December 2002. The Institute has been granted the status of ‘Institute of National Importance’ w.e.f. Aug. 15, 2007. At present, the Institute is offering Six UG Programmes, Seventeen PG Programmes and Three M.Sc. Five Years Integrated Programme including doctoral programme in all above branches.

Disciplines Details

Sr. No.	Discipline Name	Level	Year of Inception	No. of Substreams	Substream Name	Level	Year of Substream Inception
1	Civil Engineering	UG	1961	04	Environmental Engineering	PG	1973
					Water Resource Engineering	PG	1987
					Urban Planning	PG	1973
					Transportation Engineering & Planning	PG	2007
2	Mechanical Engineering	UG	1961	05	Turbo Machines	PG	1983
					Mechanical Engineering	PG	1974
					Manufacturing Engineering / IPED (2013)	PG	2013
					Thermal System Design	PG	2007
					CAD/CAM	PG	2007
3	Electrical Engineering	UG	1961	02	Power Electronics & Electrical Drives	PG	2006
					Power System	PG	2012
4	Electronics Engineering	UG	1982	02	Communication Systems	PG	2005
					VLSI & Embedded System	PG	2012
5	Computer Engineering	UG	1988	01	Computer Engineering	PG	2006
6	Chemical Engineering	UG	1995	01	Chemical Engineering	PG	2005
7	Applied Mechanics	--	--	02	Soil Mechanics & Foundation Engg.	PG	1973
					Structural Engineering	PG	1974
8	Applied Physics	M.Sc	2007	--			
9	Applied Chemistry	M.Sc	2007	--			
10	Applied Mathematics	M.Sc	2007	--			

2.2 Location

The institute is located at Surat, about 260 kms North of Mumbai and is very well connected by rail and road links to Mumbai as well as Ahmedabad (250 kms)/Vadodara (150 kms). The institute is approximately 10 kms away from Surat Railway Station. Surat is the industrial city with historical importance and is well known for Textile, Jari and Diamond industries. The leading industries like RIL, ONGC, Kribhco, L&T, ESSAR, NTPC, and GAIL are established in Surat- Hazira area.

2.3 Campus

The institute is having at present eight boy's hostel and one girls' hostel accommodating about 3488 students. The number of girl student is increasing day by day. The institute has at present 150 staff quarters and 80 new flats have been built and occupied by Faculty. The institute campus spread over 250 acres. The campus has separate buildings for all the academic departments and looking to the growth of the departments, new buildings have been constructed.

2.4 Administration

The institute is registered under Societies' Registration Act and Bombay Public Trust Act. It is governed by an autonomous Board of Governors vested with full powers of the administration, management and finances of the institute. There are representatives of Govt. of India, Govt. of Gujarat, MHRD-Govt of India, Industrialists, Technologists, Indian Institute of Technology, Alumni and faculty of the institute in the Board of Governors.

The Govt. of India, Ministry of HRD (Dept of Secondary and Higher Education) has constituted a Council to coordinate the activities of all NITS. The Minister of Human Resource Development, Govt. of India is an ex-officio Chairman of the Council.

The Senate of the Institute is empowered to make policies regarding academic matters and to ensure their implementation.

The Finance Committee, Building and Works Committee and Purchase Committee are three other statutory Committees of the Institute.

Apart from these committees, the Board has a power to constitute various sub-committees for smooth and efficient administration.

2.5 Academic Programme

The Institute offers under-Graduate Programmes, Bachelor of Technology (B. Tech.) of minimum four years, eight semesters duration in Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Communication Engineering, Computer Engineering and Chemical Engineering.

The Institute also is one of the first NIT (National Institute of Technology) to initiate the Post graduate Programmes in Basic Sciences (Five Year Integrated M. Sc. Programmes of minimum five years, ten semester duration) in Physics, Chemistry and Mathematics.

In addition to this, full time Master of Technology (M.Tech.) programmes of minimum two years, four semesters duration. The programmes offered are Environmental Engineering, Water Resource Engineering, Structural Engineering, Soil Mechanics & Foundation Engineering, Urban Planning, Transportation Engineering & Planning, Turbo Machines, Mechanical Engineering, Manufacturing Engineering, Thermal System Design, CAD/CAM, Power Electronics & Electrical Drives, Power Systems, Communication Systems, Computer Engineering, VLSI & Embedded Systems and Chemical Engineering.

The Institute is a recognized Centre for post-graduation in M. Tech. (by Research) and Doctoral Programmes (Ph.D.). The Institute also offers Ph.D. Programme under QIP for the faculty members of AICTE approved engineering colleges.

2.6 Course Offered:

Bachelor of Technology (B. Tech.) of minimum four years, eight semester duration in Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Communication Engineering, Computer Engineering and Chemical Engineering.

Five Year Integrated M. Sc. Programmes of minimum five years, ten semester duration in Physics, Chemistry and Mathematics.

Full time Master of Technology (M. Tech.) programmes of minimum two years, four semester duration are also offered.

1. Civil Engineering : Environmental Engineering, Water Resource Engineering, Urban Planning, Transportation Engineering & Planning.
2. Applied Mechanics : Structural Engineering, Soil Mechanics & Foundation Engineering.
3. Mechanical Engineering : Turbo Machines, Mechanical Engineering, Manufacturing Engineering, Thermal System Design, CAD/CAM.
4. Electronics Engineering : Communication Systems, VLSI &

Embedded System

- | | | | |
|----|------------------------|---|---|
| 5. | Chemical Engineering | : | Chemical Engineering |
| 6. | Computer Engineering | : | Computer Engineering |
| 7. | Electrical Engineering | : | Power Electronics & Electrical Drives,
Power Systems |

M.Tech. (Research) programmes are offered in following Departments:

1. Civil Engineering
2. Applied Mechanics
3. Mechanical Engineering
4. Electronics & Communication Engineering
5. Chemical Engineering
6. Computer Engineering
7. Electrical Engineering

Full Time Doctorate programmes are being offered in following academic departments:

1. Applied Mechanics (Structural Engineering & Geotechnical Engineering)
2. Applied Chemistry
3. Applied Mathematics & Humanities
4. Applied Physics
5. Chemical Engineering
6. Civil Engineering
7. Computer Engineering
8. Mechanical Engineering
9. Electronics Engineering
10. Electrical Engineering

2.7 Admission Procedure:

Under Graduate Course and Five Years Integrated M. Sc. Programmes: Admission are being made on the basis of All India Rank of Joint Entrance Exam (Main) conducted by Central Board of Secondary Education, New Delhi. On the basis of score in JEE (Main) and normalized score in Class 12 or equivalent qualifying exam (60% & 40% weightage respectively), a separate rank lists will be prepared for admission by CBSE.

Post Graduate Courses: The admission is made on the basis of Centralized Counseling for M.Tech./M.Plan (CCMT) admissions on basis of valid GATE Score under the control of MHRD, New Delhi.

M.Tech. (Research): The admission to M.Tech. (Research) programmes are given to those having Bachelor's degree in any one of the seven disciplines mentioned in Para 2 above and should have passed with 55% aggregate marks of all 8 semesters (CGPA=6.0) respective Engineering faculty. Selection through oral presentation on the proposed area of research in front of a committee. There will be an interview for eligible students with the proposed supervisor in each department.

Doctorate Programme: The eligibility for admission to Ph.D. in Engineering Faculty, Science Faculty, Humanities and Social Science Faculty & Interdisciplinary areas is such that a candidate shall possess Master's Degree in relevant area of Research and should have passed with at least second class with minimum 50% (CGPA=5.0) or equivalent in respective engineering faculty and 55% (CGPA=6.0) in other cases.

2.8 Students Intake

Under Graduate Course: 50% seats are filled up from the Gujarat State and 50% seats from other than Gujarat State on the basis of All India Merit Rank declared by CBSE, New Delhi. 21 seats Foreign Students and 104 seats of DASA students are also admitted under the scheme of Central Government.

Five Year Integrated M. Sc. Course: 60 seats in each branch in Physics, Chemistry and Mathematics.

Post Graduate Course (Master of Technology) : 25 seats (including 5 seats of Sponsored Category) in each specialization viz. (1) Environmental Engineering (2) Water Resource Engineering (3) Urban Planning (4) Transportation Engineering & Planning (5) Structural Engineering (6) Soil Mechanics & Foundation Engineering (7) Communication Systems (8) Chemical Engineering (9) Computer Engineering (10) Power Electronics & Electrical Drives (11) Power Systems (12) Mechanical Engineering (13) Turbo Machines (14) Industrial Process & Equipment Design (15) Thermal System Design (16) CAD/CAM (17) VLSI & Embedded System

M.Tech. (Research): M.Tech. (Research) programmes are offered in (i) Civil Engineering (ii) Applied Mechanics Engineering (iii) Mechanical Engineering (iv) Electronics & Communication Engineering (v) Chemical Engineering (vi) Computer Engineering (vii) Electrical Engineering.

Doctorate Programme: The Ph.D. programmes are offered in (i) Applied Mechanics (Structural Engineering, Geotechnical Engineering) (ii) Applied Chemistry (iii) Applied Mathematics, English and Management (iv) Applied Physics (v) Chemical Engineering (vi) Civil Engineering (vii) Computer Engineering (viii) Mechanical Engineering (ix) Electronics Engineering (x) Electrical Engineering.

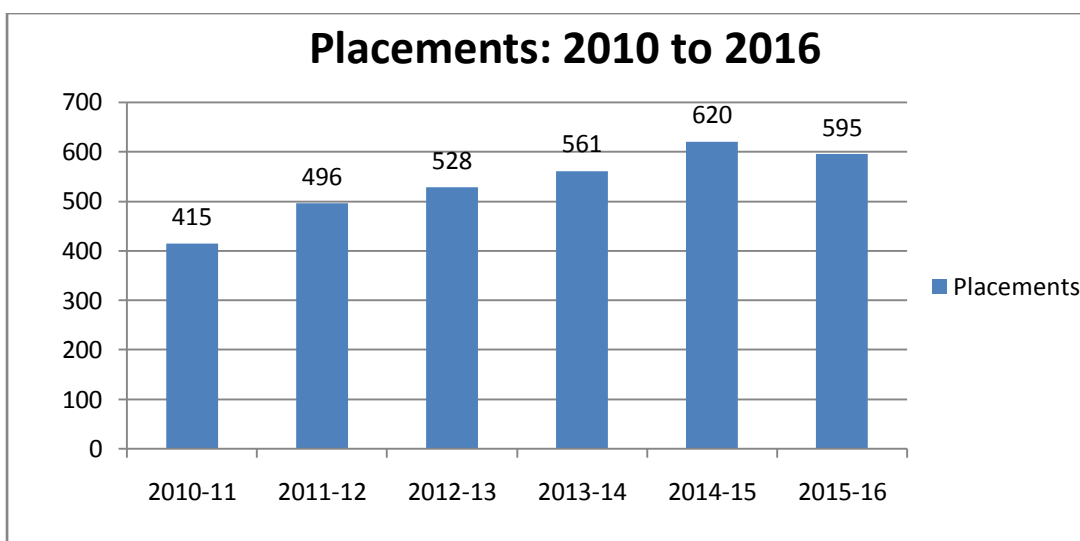
2.9 Examination & Evaluation:

UG and PG Examinations are conducted in four parts viz. 2 periodicals, 1 mid-semester and 1 at the end of the semester. The grading and credit systems are introduced. Sepcial coaching is being done for weak studeants and then after they can appear for supplementary examination.

Placements:

SVNIT offers six Under Graduate (B. Tech.), seventeen Post Graduate (M. Tech.) and three M. Sc. Integrated courses (Chemistry, Physics & Mathematics). The Training & Placement Section (T&P) helps the student’s placement in various public and private sector organizations by arranging the campus interviews. Following are the relevant information as ready reference.

Students Placed in the year 2010-2016



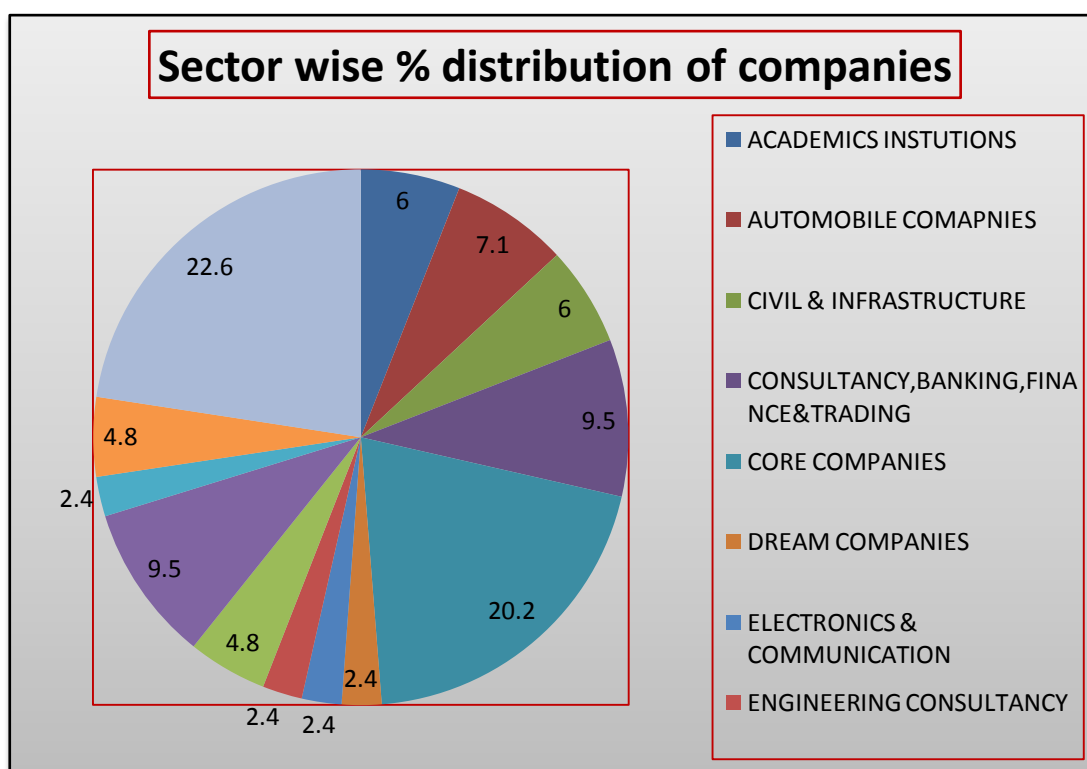
Details of Placements of UG (B.Tech.) students 2015-16:

Particulars	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Total Number of students	438	538	619	688	676	709
Number of Eligible students	380	421	518	518	532	593
Number of students selected	352	438	431	420	463	457

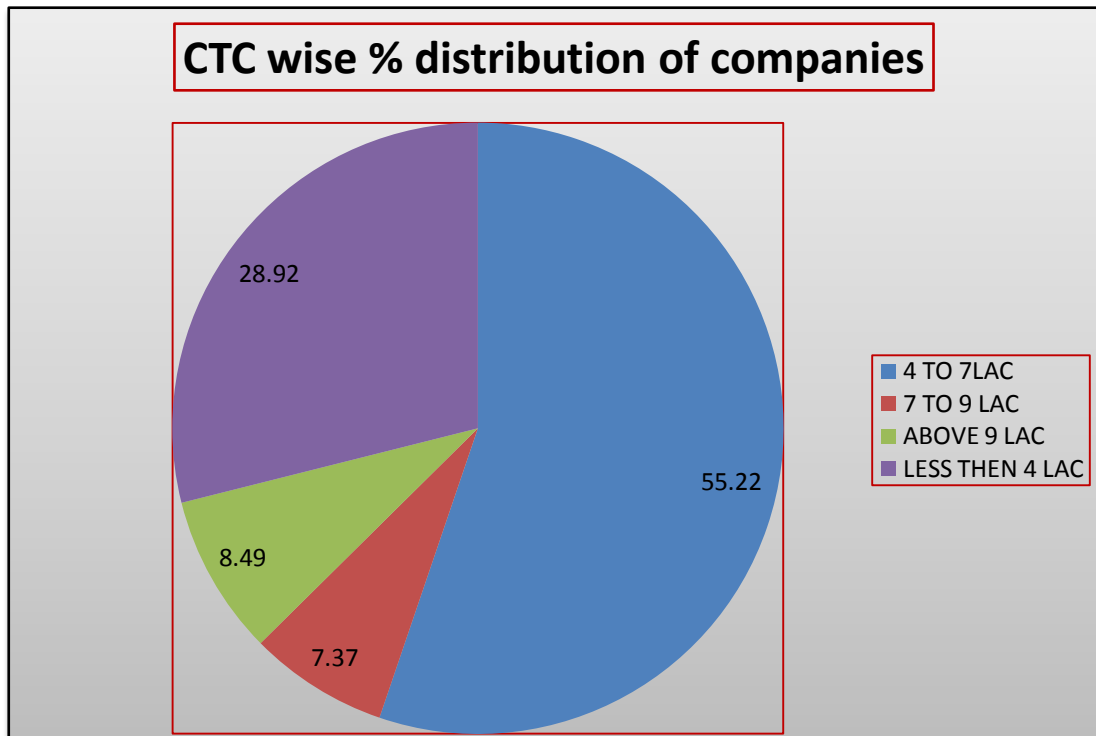
Details of Placements of PG (M.Tech.) students 2015-16:

Particulars	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Total Number of students	255	252	306	304	352	353
Number of Eligible students	160	174	161	262	308	329
Number of students selected	63	63	97	141	157	125

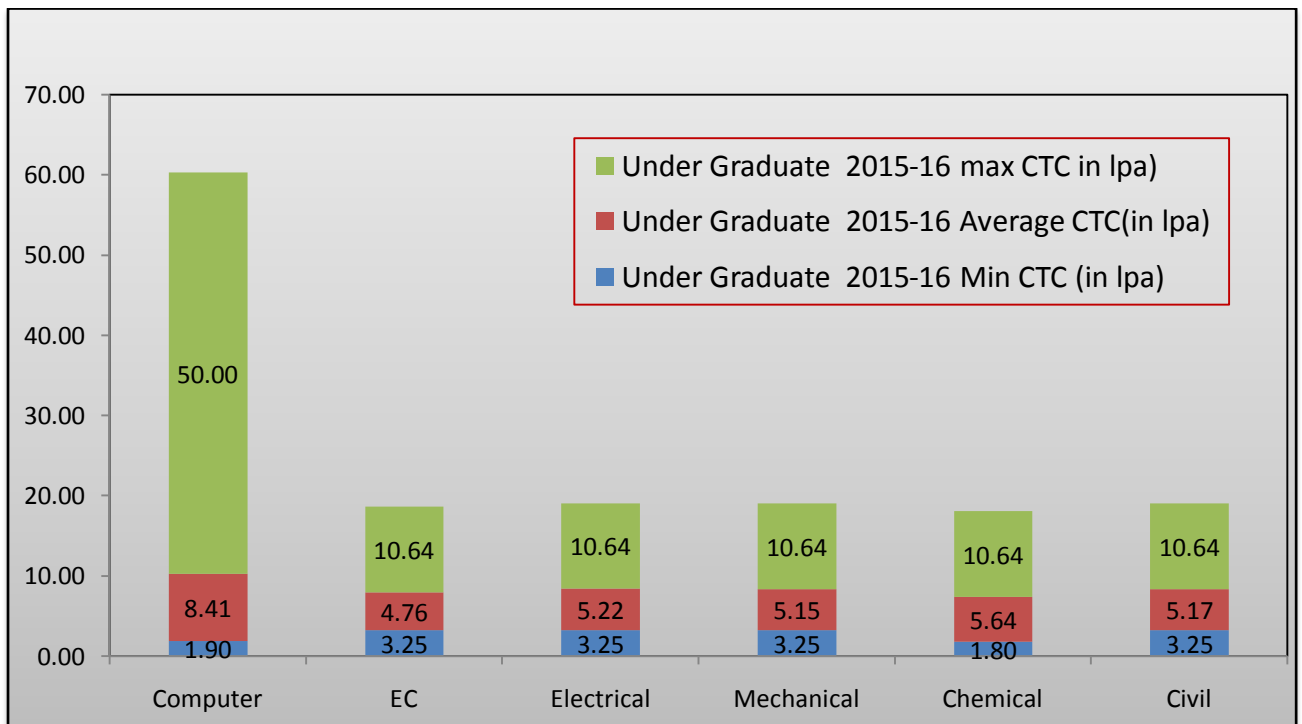
Sector-wise Company Distribution for the year 2015-16:



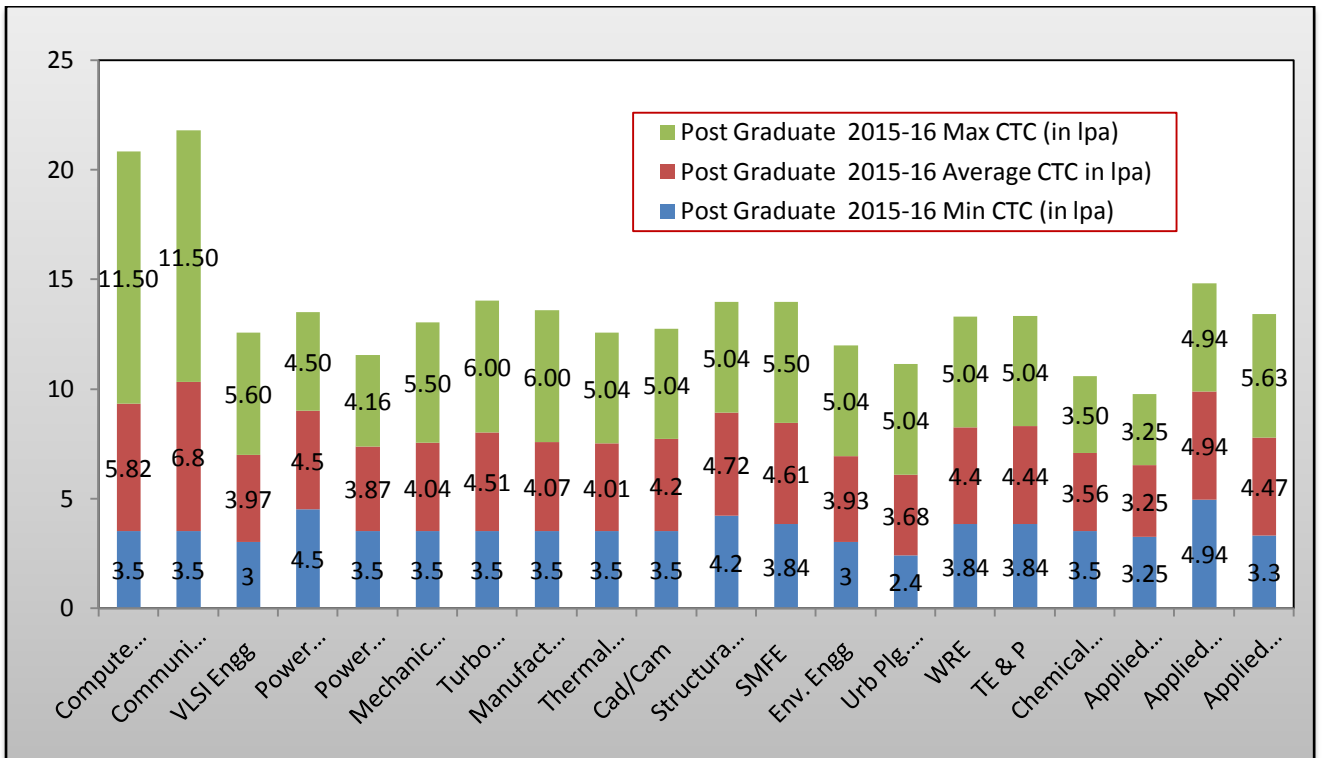
CTC-wise Company Distribution for the year 2015-16:



Maximum, Minimum and Average CTC of B. Tech. Branches 2015-16:



Maximum, Minimum and Average CTC of M. Tech. Branches 2015-16:





2.10 Games and Sports:

Sports are an important event in student's life. All India Inter NIT Sports Tournament 2015-16 and All India Inter Engineering Sports Tournament 'IGNIS-2016' was conducted during even semester by our reputed institute. As usual a great deal of planning, practicing and hard work had gone into organizing these events. Badminton (M & W), Handball (M), Volleyball (M & W) and Tennis (M & W) competitions were governed In All India Inter NIT Sports at SVNIT Surat whereas 10 different sports competitions were conducted in 'IGNIS-2016'.

Sports Secretary Mr. Ankit Sharma has putted his best efforts to make all these events great success under guidance of Dr. N. K. Datta (head, Physical Education). Mr. Harsh Sanghvi (MLA) Chief Guest and Guest of honor Mr. Rajendrakumar (Collector, Surat city) on occasion of valedictory function of 'IGNISH-16' shared their experiences and knowledge with students.

Participants and students motivated by words of Mr. Harmit Desai (International Table Tennis Player) chief guest of valedictory function of All India Inter NIT Sports Tournament 2015-16. The ground was filled with cheer, gaiety and excitement as each event's results were announced. The winners of the various events were awarded with trophies, medals and certificates. Both the events came to an end by delivering vote of thanks by S.A.S. Officer Mr. Chirag Vaghela, leavening thrilling memories in the hearts of each and every present there.

Each individual of physical education section has given his best effort all across year to provide opportunities to students. Each of us has created scope for students to attend and learn sports activities. Players have won many trophies and medals in many games under guidance of Dr. N. K. Datta and Mr. Chirag Vaghela.

With help and kind support of Director, Registrar, Deans, Wardens, Faculty advisors, Members of Sports committee, Volunteers and Students coordinators we had organized many Intra mural sports tournaments with great success and higher participation.

Performance of SVNIT Sports Teams in All India Inter NIT Sports Tournament 2015-16

Name of Tournament	Venue	Performance
All India Inter NIT Badminton (M)Tournament	SVNIT Surat	Champion
All India Inter NIT Badminton (W) Tournament 2015-16	SVNIT Surat	Runner-up
All India Inter NIT Volleyball (M) Tournament 2015-16	SVNIT Surat	Champion
All India Inter NIT Volleyball (W) tournament	SVNIT Surat	Runner-up
All India Inter NIT Handball Tournament 2015-16	SVNIT Surat	Champion
All India Inter NIT Tennis (W) tournament	SVNIT Surat	Runner-up
All India Inter NIT Kho-kho (M) Tournament 2015-16	NIT Rourkela	Champion
All India Inter NIT Kho-kho (W) Tournament 2015-16	NIT Rourkela	Runner-up
All India Inter NIT Chess (M) Tournament 2015-16	NIT Silchar	Champion
All India Inter NIT Chess (W) Tournament 2015-16	NIT Silchar	Runner-up
All India Inter NIT Table Tennis (W) Tournament 2015-16	NIT Silchar	Runner-up
All India Inter NIT Basketball (M) Tournament 2015-16	NIT Calicut	Second- Runner-up
All India Inter NIT Cricket Tournament 2015-16	NIT Calicut	Second- Runner-up

Performance of SVNIT in All India Inter Engineering Sports Tournament 'IGNIS-16' 2015-16

Name of Tournament	Venue	Performance
All India Inter Engineering Basketball (M) Tournament 'IGNIS-2016'	SVNIT Surat	Champion
All India Inter Engineering Basketball (W) Tournament 'IGNIS-2016'	SVNIT Surat	Runner-up
All India Inter Engineering Handball Tournament 'IGNIS-2016'	SVNIT Surat	Champion
All India Inter Engineering Kho-Kho Tournament 'IGNIS-2016'	SVNIT Surat	Champion
All India Inter Engineering Lawn Tennis (M) Tournament 'IGNIS-2016'	SVNIT Surat	Champion
All India Inter Engineering Table Tennis (M) Tournament 'IGNIS-2016'	SVNIT Surat	Runner-up

Performance of SVNIT in All India Inter Engineering Sports Tournament 'Concurs-15' 2015-16

Name of Tournament	Venue	Performance
All India Inter Engineering Basketball (M) Tournament 'Concours-16'	DAIICT Gandhinagar	Champion
All India Inter Engineering Volleyball (M) Tournament 'Concours-16'	DAIICT Gandhinagar	Runner-up
All India Inter Engineering Badminton (M) Tournament 'Concours-16'	DAIICT Gandhinagar	Champion



**ALL INDIA INTER NIT KHO KHO TOURNAMENT 2015-16
BOYS' TEAM CHAMPION & GIRLS' TEAM RUNNER UP**



3.0 THE STAFF

3.1 Academic staff (Teaching)

As on date 30/06/2016, Prof. S. K.Jain is the Incharge Director of the institute.

The institute has **296** sanctioned posts of faculty members, out of which **172** posts of faculty members have been filled. The Department wise list of faculty members with their designation and qualification is given at point no 12.2.

3.2 Non-academic Staff

As on date 30/06/2016, Prof. D. P. Vakharia is the Incharge Registrar of the Institute.

At present **8** Sr. Administrative Staff, **29** Class-III Non-Technical Staff and **28** Technical Staff and **29** Class-IV Staff Members are on the Roll. The list of Staff Members with their Designation and Department is given at point no 12.3.

3.3 Training of Staff

The List of faculty / staff members deputed for the above scheme during the period under report is given at point no 12.4.

4.0 Teaching Programmes

4.1 UG Courses Offered:

Chemical Engineering, Civil Engineering, Computer Engineering, Mechanical Engineering, Electronics & Communication Engineering, Electrical Engineering

4.2 Course –wise enrollment with sex, Caste break-up (B.Tech.-First Year-2015-16):

Discipline	Intake	Open		SC		ST		OBC		DASA/GOI		TOTAL	
		B	G	B	G	B	G	B	G	B	G	B	G
Civil Engg.	93	41	06	12	02	06	00	25	00	06	02	90	10
Mechanical Engg.	185	93	02	27	01	14	00	50	00	33	03	217	06
Electrical Engg.	93	31	13	13	02	06	02	21	05	01	01	72	23
Electronics & Comm.	138	46	25	16	05	08	02	30	06	02	04	102	42
Computer Engg.	92	28	18	08	06	07	01	20	05	06	07	69	37
Chemical Engg.	92	37	09	12	02	04	03	22	02	05	04	80	20
Total	693	276	73	88	18	45	08	168	18	53	21	630	138

4.3 Admission statistics UG/PG/Ph. D. Programmes Course-wise:

UG Programmes (Academic Year 2015-16):

Branch	Year	Semester	Boys	Girls	Total
Civil Engineering	I	First	90	10	100
	II	Third	87	11	98
	III	Fifth	92	10	102
	IV	Seventh	92	05	97
Total			361	36	397
Mechanical Engg.	I	First	217	06	223
	II	Third	224	04	228
	III	Fifth	227	05	232
	IV	Seventh	200	04	204
Total			868	19	887
Electrical Engg.	I	First	72	23	95
	II	Third	82	15	97
	III	Fifth	85	17	102
	IV	Seventh	86	09	95
Total			325	64	389
Electronics & Comm. Engg.	I	First	102	42	144
	II	Third	102	45	147
	III	Fifth	103	34	137
	IV	Seventh	121	26	147
Total			428	147	575
Computer Engg.	I	First	69	37	106
	II	Third	91	18	109
	III	Fifth	69	34	103
	IV	Seventh	70	29	99
Total			299	118	417
Chemical Engg.	I	First	80	20	100
	II	Third	70	20	90
	III	Fifth	72	24	96
	IV	Seventh	67	16	83
Total			289	80	369
Grand Total			2570	464	3034

Five Year Integrated M. Sc. Programmes: (Academic Year 2015-16):

Branch	Year	Semester	Boys	Girls	Total
Physics	I	First	35	09	44
	II	Third	39	13	52
	III	Fifth	14	04	18
	IV	Seventh	16	08	24
	V	Ninth	11	06	17
Total			115	40	155
Chemistry	I	First	19	14	33
	II	Third	28	18	46
	III	Fifth	10	11	21
	IV	Seventh	08	11	19
	V	Ninth	07	07	14
Total			72	61	133
Mathematics	I	First	29	09	38
	II	Third	34	17	51
	III	Fifth	08	14	22
	IV	Seventh	08	06	14
	V	Ninth	06	03	09
Total			85	49	134
Grand Total			272	150	422

P.G. Programmes: (Academic Year 2015-16)

Branch	Year	Boys	Girls	Total
Soil Mech. & Foundation Engg.				
First Sem	I	19	04	23
Third Sem	II	15	05	20
Water Resource Engg.				
First Sem	I	07	03	10
Third Sem	II	11	05	16
Environmental Engg.				
First Sem	I	11	02	13
Third Sem	II	11	07	18
Urban Planning				
First Sem	I	11	02	13

Annual Report (2015-16)

	Third Sem	II	11	11	22
Structural Engg.					
	First Sem	I	20	02	22
	Third Sem	II	23	02	25
Transportation Engg. & Planning					
	First Sem	I	14	06	20
	Third Sem	II	18	01	19
Mechanical Engg. (General)					
	First Sem	I	19	01	20
	Third Sem	II	21	01	22
Turbo Machines					
	First Sem	I	19	01	20
	Third Sem	II	17	01	18
Manufacturing Engg.					
	First Sem	I	23	00	23
	Third Sem	II	23	00	23
Thermal System Design					
	First Sem	I	19	00	19
	Third Sem	II	20	00	20
CAD-CAM					
	First Sem	I	18	02	20
	Third Sem	II	19	00	19
Power Electronics & Electrical Drives					
	First Sem	I	18	01	19
	Third Sem	II	17	01	18
Power Systems					
	First Sem	I	17	03	20
	Third Sem	II	16	04	20
Communication Systems					
	First Sem	I	12	07	19
	Third Sem	II	14	07	21
VLSI & Embedded Systems					

Annual Report (2015-16)

First Sem	I	16	04	20
Third Sem	II	15	05	20
Computer Engg.				
First Sem	I	10	08	18
Third Sem	II	13	05	18
Chemical Engg.				
First Sem	I	08	03	11
Third Sem	II	11	02	13
Total of First Sem		261	49	310
Total of Third Sem		275	57	332
Total of First & Third Sem		536	106	642

M.Tech. (Research) (Academic Year 2015-16):

Departments	Admission Year	Boys	Girls	Total
Civil Engineering	2014-15	01	00	01
	Total	01	00	01
Applied Mechanics	2012-13	02	00	02
	2013-14	01	00	01
	2015-16	01	00	01
	Total	04	00	04
Electronics & Commu.	2014-15	01	00	01
	Total	01	00	01
	Grand Total	06	00	06

Ph.D. Programmes (Academic Year 2015-16) (Engg.): (A)

Departments	Admission Year	Boys	Girls	Total
Mechanical Engineering	2007-08	01	01	02
	2008-09	01	00	01
	2009-10	04	00	04
	2010-11	10	01	11
	2011-12	21	00	21
	2012-13	17	02	19
	2013-14	17	01	18
	2014-15	15	03	18
	2015-16	17	01	18
	Total		103	09
Civil Engineering	2007-08	01	02	03
	2008-09	05	00	05
	2009-10	07	04	11
	2010-11	01	03	04
	2011-12	07	04	11
	2012-13	15	06	21
	2013-14	08	10	18
	2014-15	11	08	19
	2015-16	14	05	19
	Total		69	42
Applied Mechanics	2008-09	02	01	03
	2009-10	02	01	03
	2010-11	07	06	13
	2011-12	03	02	05
	2012-13	10	01	11
	2013-14	09	01	10
	2014-15	12	07	19
	2015-16	07	02	09
	Total		52	21
Chemical Engg.	2010-11	01	02	03
	2011-12	04	00	04
	2012-13	01	00	01
	2013-14	05	04	09
	2014-15	09	03	12
	2015-16	05	01	06
	Total		25	10
Electronics	2009-10	01	00	01

Annual Report (2015-16)

	2010-11	04	05	09
	2011-12	00	04	04
	2012-13	01	01	02
	2013-14	01	01	02
	2014-15	11	07	18
	2015-16	05	03	08
	Total	23	21	44
Electrical Engineering	2009-10	01	00	01
	2010-11	02	00	02
	2011-12	03	02	05
	2012-13	03	00	03
	2013-14	05	00	05
	2014-15	13	01	14
	2015-16	02	04	06
	Total	29	07	36
Computer Engineering	2008-09	00	01	01
	2009-10	03	03	06
	2010-11	01	02	03
	2011-12	02	01	03
	2012-13	03	01	04
	2014-15	07	02	09
	2015-16	07	05	12
	Total	23	15	38
Total of Engg. (A)		324	125	449

Ph.D. Programmes (Academic Year 2015-16) (Science) : (B)

Departments	Admission Year	Boys	Girls	Total
Applied Chemistry	2010-11	01	01	02
	2011-12	02	01	03
	2012-13	03	00	03
	2013-14	03	02	05
	2014-15	03	06	09
	2015-16	02	02	04
	Total	14	12	26
Applied Mathematics	2010-11	04	01	05
	2011-12	04	02	06
	2012-13	02	01	03
	2013-14	08	07	15

	2014-15	05	03	08
	2015-16	01	03	04
	Total	24	17	41
Applied Physics	2008-09	01	00	01
	2009-10	01	01	02
	2010-11	05	01	06
	2011-12	01	00	01
	2012-13	01	00	01
	2013-14	03	01	04
	2014-15	06	02	08
	2015-16	04	02	06
	Total	22	07	29
Management	2011-12	00	01	01
	2012-13	03	02	05
	2013-14	00	02	02
	2015-16	00	01	01
	Total	03	06	09
English	2011-12	01	00	01
	2014-15	00	01	01
	2015-16	00	01	01
	Total	01	02	03
Total of Science (B)		64	44	108
Grand Total (A)+(B)		388	169	557

4.4 Total Students Strength: 4661

4.5 The Hostel

Hostel section of the institute is established to deal with all the matters related to accommodation, food and general wellbeing of the students. Presently, the Institute Campus has 09 hostels which include 07 boys' hostel, 01 girls' hostel and 01 hostel guest house. All the hostels are equipped with state of the art facilities. The inmates are provided fully furnished accommodation. The activities of hostels are managed by the Council of Wardens (CoW) and Hostel Management Committees (HMC) of the students. (Hostel section has a team of 09 Chief Wardens and 15 Wardens.) To ensure the discipline in hostels, the Hostel section has a set of disciplinary rules and code of conduct. The Hostel section provides assistance to financially weak students

from its needy fund. The management of hostels is carried out in the most democratic manner with involvement of students. Hostel wise details are as follows:

Academic Year 2015-16

Name of Hostel	Year	Total No. of Room Available	Total No. of Room Allotted	Actual Admitted Students	Total Students (2015-16)	Name of Warden Team
Bhabha Bhavan	B.Tech-Ii	454(D)	322	37 (D)	342	<p align="center">Chief Warden</p> 1. Shri Abhilash Mandloi <p align="center">Warden</p> 1. Dr. L. K. Saini 2. Dr.Srinivas Arkatkar 3. Shri Bhavesh Gohil
	B.Tech-Iii			210 (S)		
	M.Sc-Ii			12 (D)		
	M.Sc-Iii			16 (S)		
	Phd			43 (S)		
	T.A			24 (S)		
Gajjar Bhavan	B.Tech & M.Sc.-I	740(S)	711	608(D)	803	<p align="center">Chief Warden</p> 1. Dr. M. K. Rathod <p align="center">Warden</p> 1. Dr.Rajendra Kumar 2. Dr.Debesh Ranjan Roy 3. Shri S.R.Suryawanshi
	M.Tech-Ii			195(S)		
Sarabhai Bhavan	M.Tech-I	132(D)	109	208 (D)	208	<p align="center">Chief Warden</p> 1. Dr. H. K. Dave <p align="center">Warden</p> 1. Dr.B.Kondraivendhan
Tagore Bhavan	B.Tech & M.Sc-Ii	110(D) + 82 (S) = 192	187	77(S) 191(D)	268	<p align="center">Chief Warden</p> 1. Dr. Rakesh Maurya <p align="center">Warden</p> 1. Shri Anil Kumar Mahto
Nehru Bhavan	B.Tech & M.Sc-Ii	104(D) + 100(S) = 204	167	83 (S) 220(D)	303	<p align="center">Chief Warden</p> 1. Dr. V. D. Kalyankar <p align="center">Warden</p> 1. Dr. K. D. Yadav
Raman Bhavan	Phd (Family)	99	69	(S)	82	<p align="center">Chief Warden</p> 1. Dr. Sabha Raj Arya
	Phd			(D)		
Swami Vivekanand Bhavan	B.Tech-Iii	950(S)	920	333 (S)	914	<p align="center">Chief Warden</p> 1. Dr. S. R. Patel <p align="center">Warden</p> 1. Dr. Dinesh Singh 2. Dr. Ketan Kuperkar 3. Shri Nikunj Patel
	B.Tech-Iv			558 (S)		
	M.Sc-Iv			18 (S)		
	M.Sc-V			05 (S)		
Mother Teresa Bhavan	B.Tech-I	800(S)	571	119	620	<p align="center">Chief Warden</p> 1. Dr. Urvashi Kausal <p align="center">Warden</p> 1. Dr. Vasundhara Mahajan
	B.Tech-Ii			115		
	B.Tech-Iii			112		
	B.Tech-Iv			82		

	M.Tech-I			43		2. Dr.Kalpana Maheria 3. Dr. Twinkle Singh
	M.Tech-Ii			33		
	M.Sc-I			23		
	M.Sc-Ii			39		
	M.Sc-Iii			14		
	M.Sc-Iv			12		
	M.Sc-V			02		
	Phd			18		
	T.A & Other			08		
Narmad Bhavan	Guest House	64(D)	-	-	-	Chief Warden 1. Dr. A. K. Mungray
Total			3056	-	3540	

Hostel Management Committee

The Structure Of Hostel Management Committee Is As Follows:

1	Hostel Secretary	2	Cultural Secretary	3	Joint Hostel Secretary
4	Technical Secretary	5	Environment Secretary	6	Welfare Secretary
7	Mess Secretary	8	Sports Secretary	9	Magazine Secretary

Hostel Management Committee Makes Sure That Cleanliness And Hygiene In The Mess Area Is Always Maintained. It Makes Every Effort To Ensure That Wastage Of Food Is Reduced To A Minimum.

4.6 Scholarship / Assistance-ship

The Institute offers following Scholarship / Assistance-ship:

- (i) Dr. A.P. Verma Scholarship (B. Tech.-I in Mathematics)
First Prize (60% of Interest)
Second Prize (40% of Interest)
Scholarships awarded to 2 students.
- (ii) Memory of Mr. Nishit Vijay Sampat, Mumbai
Merit based prize for best students graduating in
Technology (Mechanical Engineering) every year
Cash prize Rs.2000/- to concerned student
- (iii) Siddharth Gupta Gold Medal
to be awarded to student of Mechanical Engineering
getting highest marks and to be awarded during convocation
- (iv) Dr. B. Majumdar (Ex-director)
for award of Shri RajnikumarMajumdar Memorial

Merit-cum-Means Scholarship and Gold Medal every year.

- (v) Dr. Mrs. Sheru S. Sopariwala Gold Medal
For award of late Mr. Sohrab S. Sopariwala memories to the topper of (Electrical Engg.)
- (vi) Smt. Bhavani Narendrakumar Mehta one Gold Medal
For award of the topper of (Computer Engg.)
- (vii) Shri N. N. Patel has sponsored one Gold Medal
For award of Smt. Mahalaxmiben Natwarlal Patel Memories to the topper of (Civil Engg.)
- (viii) Memory of Late Prof. (Dr.) Mahesh Dahyabhai Desai
For sponsorship of every year Merit base Cash prize award Rs.15000/- to First ranker in M.Tech. Civil with a specialization in Soil Mech. & Foundation Engg. concerned student

The Detail of Scholarship offered by Various Agencies:

Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholarships awarded
1	Central Sector Scheme scholarship for college & University students who have secured 80% or More in GSHSE of Std. 12 th	10000/- per year	Not Specified	38
2	Post Metric Scholarship SC	Rs.550/- P.M. for Day Scholars and Rs.1200/- P.M. for Hostellers Tuition Fees & Other Fees	Not Specified	63
3	Post Metric Scholarship ST	Rs.550/- P.M. for Day Scholars and Rs.1200/- P.M. for Hostellers Tuition Fees & Other Fees	Not Specified	20
4	Scholarships for Other Backward Classes	Rs.350/- P.M. for Day Scholars and Rs.750/- P.M. for Hostellers Rs.290/- P.A. Exam Fees	Not specified	13
5	The Central Sector Scholarship Scheme of Top Class Education for SC Students	Full fee and other non-refundable charges. Lodging & boarding charges at the rate of Rs.2200 p.m. per	12	55

Annual Report (2015-16)

		<p>students or the actual whichever is less.</p> <p>Books & stationary at the rate of Rs.3000 p.a. per student or the actual.</p> <p>A latest P-IV computer system with all the necessary accessories like UPS, Printer, Multimedia etc. limited to Rs.45000 per students for the entire course of study.</p>		
6	The Central Sector Scholarship Scheme of Top Class Education for ST Students	<p>Full fee and other non-refundable charges.</p> <p>Lodging & boarding charges at the rate of Rs.2200 p.m. per students or the actual whichever is less.</p> <p>Books & stationary at the rate of Rs.3000 p.a. per student or the actual.</p> <p>A latest P-IV computer system with all the necessary accessories like UPS, Printer, Multimedia etc. limited to Rs.45000 per students for the entire course of study.</p>	05	16
7	National Handicapped Finance and Development Corporation Scholarship Scheme	<p>Non-refundable Fees</p> <p>Maintenance Allowances</p> <p>Books & Stationary Allowances</p>	<p>1000 (Trust Fund)</p> <p>500 (National Fund)</p>	19
8	Merit cum Means based scholarship to students belong to minority community	Full course fees & maintenance allowance for 10 months Rs.1000/- per month for hosteller and Rs.500/- per month for day scholar	Not specified	31
9	Indian Oil Scholarship for SC students	Rs.36000/- per annum	Not specified	01
10	National Talent Search Scheme Scholarship	Rs.6000/- per annum	Not Specified	01

Annual Report (2015-16)

Post Graduate				
1	M.E./ M.Tech / MS/ M.Design and GATE/GPAT qualified Assistance ship/Scholarship/ Fellowship	12400/- P.M. (Bothe 1 st & 2 nd year) and 5 th year of Dual Degree Programmes)	Not specified	578
Ph.D.				
1	JUNIOR RESEARCH FELLOW (JRF) Post Graduate Degree in Basic Science with NET/ Gate qualification or Post graduate degree in Profession Courses.	25000/-P.M.	Not specified	89
2	SENIOR RESEARCH FELLOW (SRF)	28000/- P.M.	Not specified	65
3	Visvesvaraya PhD Schem for Electronics & IT under the Department of Electronics and Information Technology (DeitY), Ministry of Communication and Information Technology, Govt. of India	Fellowship @22500/- P.M.(1 st & 2 nd year) @25000/- P.M. (3 rd year and onwards)	2 full time	07
4	INSPIRE fellowship under AORC Scheme of “ Innovation in Science Pursuit for Inspired Research(INSPIRE)” Program of Department of Science and Technology (DST), Technology, Bhawan, New Mehrauli Road, New Delhi	15000/- Stipend per month & HRA 20000/- Contingency per annum	Not specified	03

4.7 Examination Details

Under Graduate Courses – Bachelor of Technology (Examination April/May 2015)

Discipline	Total No appeared	Total No passed	Above 7.5 CGPA	7.5-6.0 CGPA	Below 6.0 CGPA	Topper	CGPA
Civil	99	96	63	18	15	Dalal Jay Kunjal	9.49
Mechanical	222	213	143	43	27	Lalwala Mitesh Jayeshkumar	9.87
Electrical	94	92	58	20	14	Dave Yash Bhaveshbhai	9.28
Electronics & Comm.	143	141	102	26	13	Shubham Garg	9.68
Computer	87	85	61	14	10	Sunil Ramnik Raiyani	9.79
Chemical	79	77	49	11	17	Patel Samarth Jayeshkumar	9.74
Total	724	704	476	132	96		

Post Graduate Courses – Five Years Integrated M.Sc. Courses (Examination April/May 2015)

Discipline	Total No appeared	Total No passed	Above 7.5 CGPA	7.5-6.0 CGPA	Below 6.0 CGPA	Topper	CGPA
Chemistry	17	17	10	07	00	Baheti Payal Arvindbhai	9.68
Physics	20	20	08	10	02	Gadariya Dhaval Mukeshbhai	9.47
Mathematics	11	11	06	05	00	Shah Parth Nileshchandra	9.70
Total	48	48	24	22	02		

Post Graduate Courses – Master of Technology (M.Tech.) Courses

Departments	No. of students passed
Chemical Engineering	12
Civil Engineering	110
Computer Engineering	18
Electrical Engineering	40
Electronic Engineering	45
Mechanical Engineering	99
Total	324

M.Tech. (Research):

Departments	No of students passed
Chemical Engineering	00
Civil Engineering	02
Computer Engineering	00
Electrical Engineering	00
Electronic Engineering	00
Mechanical Engineering	01
Total	03

Doctorate Courses – Ph.D. Courses

Department	No. of students
Chemical Engineering	02
Civil Engineering	11
Computer Engineering	07
Electrical Engineering	08
Electronics Engineering	09
Mechanical Engineering	10
Chemistry	09
Mathematics	09
Physics	00
English	01
Management	02
Total	68

5.0 RESEARCH AND DEVELOPMENT ACTIVITIES:

5.1 Ph.D. Programmes – Existing:

Ph.D being carried out in all the departments in various specializations and research areas of Chemistry, Mathematics, Humanities, Management, Structural Engineering, Soil Mechanics and Foundation Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, and Mechanical Engineering.

5.2 Details of Ph.D.:

APPLIED CHEMISTRY DEPARTMENT			
No.	Name of Student	Title of Thesis	Guide
1	Darshana G.Sharma	Novel Supramolecular sensing systems for some Bioactive Anions and Cations.	Dr. Suban Sahoo
APPLIED MECHANICS DEPARTMENT			
No.	Name of Student	Title of Thesis	Guide
1	Swati Ajay Kulkarni	Studies on Behaviour of Reduced Beam Section Moment Connections for Indian Profiles	Dr G R Vesmawala
2	Mr. Savaliya Ghanshyambhai M.	Effect of Geometrical Aspects on Static & Dynamic Behaviour of Cable-Stayed Suspension Hybrid Bridge	Dr A K Desai Dr S A Vasanwala
3	Mr. Dhake Pravinchandra Damodar	Anchorage Strength and Behaviour of headed bars in Exterior Beam Column Joint	Dr H S Patil Dr Y D Patil
4	Ms. Nehal Gaurav Dalal	Experimental and Numerical Analysis of Foundation Settlement for Different Geosynthetics in Open Waste Dump Site	Dr C H Solanki Dr A K Desai
5	Mr. Ujjaval N. Shah	Parametric Study of Fibre Reinforced High Volume Fly Ash Self Compacting Concrete	Dr C D Modhera
6	Ms. Shruti Jay Shukla	A study of piled Raft foundation with variable subsoils for high rise buildings	Dr. A. K. Desai Dr. C. H. Solanki
7	Mr. Madhav Punjaji Kadam	Effect of Coal Bottom Ash as Sand Replacement on Properties of Concrete	Dr. Y. D. Patil

8	Mr. Shailendra Kumar	Experimental Study on Square Footing Resting on Geotextile Reinforced Sand	Dr. C. H. Solanki
APPLIED MATHEMATICS AND HUMANITIES DEPARTMENT			
No.	Name of Student	Title of Thesis	Guide
1	Desai Khyati Ramanbhai	Applications Of Homotopy Perturbation Method In Imbibition Phenomenon In Porous Media	Dr. V. H. Pradhan & Dr. A. P .Verma
2	Mistry Piyush Ratilal	Applications Of Variational Iteration Method In Instability Phenomenon In Porous Media	Dr. V. H. Pradhan & Dr. A. P .Verma
APPLIED PHYSICS DEPARTMENT			
No.	Name of Student	Title of Thesis	Guide
1	Dr. Kirit Siddhapara	Study of charge carrier induced transportation properties of transition metal doped TiO ₂ Nanomaterials.	Dr. Dimple Shah
2	Dr. Kinjal Patel	Study on Cu ₂ ZnSnS ₄ thin Film prepared by solution growth techniques for solar cell application.	Dr. Dimple Shah Dr. V. A. Kheraj
3	Dr. Patij K. Shah	Synthesis and characterization of metal/Semiconductor core-shell nano particles	Dr. Dimple Shah
CIVIL ENGINEERING DEPARTMENT			
No.	Name of Student	Title of Thesis	Guide
1	Abhilash T. Nair	Use of water treatment sludge for the post-treatment of UASB reactor effluent	Dr. M. Mansoor Ahammed
2	Devanshu K. Pandit	Evaluation of an index to measure the project development	Dr. S. M. Yadav
3	Rajesh Gurjar	Evaluation and modelling of micro surfacing mix design and its effect on test responses for utilization of alternative filters.	Dr. K. A. Chauhan

4	Chetan R. Patel	Mixed Traffic characterization and Speed – Flow Behaviour under Influence of Road Side Friction and Non-Motorized Vehicles: A Study of Arterial Roads in metropolitan cities.	Dr. Gaurang Joshi
5	Harshulkumar J Parekh	Performance Evaluation and Ranking of Municipal Solid Waste Management System	Dr. S. M. Yadav Dr K D Yadav
6	Jiten H. Shah	Study On Pedestrian Flow Behaviour On Stairways At Rail Transit Stations In India	Dr. Gaurang Joshi
7	Prabhat Chandra	Prediction of sediment yield and identification of erosion prone areas for soil conservation measures in upper Tapi basin, India	Dr. P L Patel Dr. P. D. Porey
8	Dilip Machindra	Greywater Treatment Options for its Reuse: A Comparative Study.	Dr. K. D. Yadav
9	Rajesh J. Pandya	Sustainable Mass Transit Potential Analysis with reference to urban form and accessibility on GIS platform for a metropolitan city: A case study	Dr. B. K. Katti

CHEMICAL ENGINEERING DEPARTMENT

No.	Name of Student	Title of Thesis	Guide
1	Nalin H. Maniya	Nanostructured Porous Silicon Materials for Drug Delivery Applications	Dr. Z.V.P. Murthy &Dr. Sanjaykumar R. Patel
2	Tushar Yadav	Toxicity and Dispersion Characteristics of Nanomaterials and their Antimicrobial applications	Dr. Arvind Kumar Mungray & Dr. Alka A. Mungray
3.	Amol B. Saner	Treatment of distillery wastewater in UASBR and its post treatment by MFC	Dr. N. J. Mistry (CED) & Dr. A. K. Mungray

COMPUTER ENGINEERING DEPARTMENT

No.	Name of Student	Title of Thesis	Guide
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1	Phalanikar Rashami R	A framework for analysis of complex user requirements using aspect oriented use case method and Graph Theory	Prof. Devesh C. Jinwala
2	Mehta Rupa Gautam	Decision Tree Algorithms for concept drifted data stream.	Prof. N.J.Mistry (Civil Dept, SVNIT), Prof. M.M.Raghuwanshi (Nagpur)
3	Rana Dipti P	Temporal association rule based model for weather association.	Prof. N.J.Mistry (Civil Dept, SVNIT), Prof. M.M.Raghuwanshi (Nagpur)
4	Parmar Keyur Jivanlal	Secure In-Network Processing of encrypted data in Wireless Sensor Networks.	Prof. Devesh C Jinwala

ELECTRONICS ENGINEERING DEPARTMENT

No.	Name of Student	Title of Thesis	Guide
1	Nirmal Jagannath	Novel Feature Extraction And Mapping Function For Voice Conversion	Dr. S. Patnaik Dr. M. A. Zaveri
2	Mrs. Shilpi Gupta	Performance Analysis of Novel Robust Non-Conventional Combinations of Mapping and Transform Techniques at Modulation Stage of OFDM System over Multi path Fading Channel	Dr. (Mrs).U. D. Dalal
3	Mrs. Kirti Inamdar	Study & Design of Standard Geometric Structures with Overlapped Displacements to Realize Materials with Properties Suitable to Evolve Radiating Structures in Micro stripe Configuration	Dr. S. Patnaik & Dr. Y. P. Kosta
4	Mrs. S. N. Shah	A Novel Modified Hierarchical Modulation For Video Streaming in DVB-H Under Channel Impairments	Dr. (Mrs).U. D. Dalal
5	Mrs. Jigisha Patel	Multi Attributed Dictionaries and Error Protection for Image & Video Transmission	Dr. S. Patnaik

6	Ashwini Deshpande	Single Image Deblurring:- Novel PSF Estimation and Restoration Techniques	Dr. S. Patnaik
7	Amit Joshi	VLSI Implementation of Video Watermarking Based on H.264 Coding Standard	Dr. U. D. Dalal Dr. J. N. Sarvaiya
8	Sunil Morade	Analysis of Visual Lip Features for Digit Reading	Dr. S. Patnaik

ELECTRICAL ENGINEERING DEPARTMENT

No.	Name of Student	Title of Thesis	Guide
1	Nilesh V. Shah	Studies on Grid Connected Photovoltaic System Operating under Uniform & Non-uniform Insolation Condition	Dr. R. Chudamani
2	Patil Nanasaheh	Contribution to the theory of	Dr. S. N. Sharma
3	Gawalwad Balaji	Noise analysis of Dynamic Circuits using Stochastic differential equations	Dr. S. N. Sharma
4	Jadhav Himmat	Probabilistic approach to Economic Dispatch of Power Plants & Optimal Power flow of PS ₄ incorporating Wind power & V2G source	Dr. Ranjit Roy Dr. H. R. Jariwala (HOD as I/c Supervisor)

MECHANICAL ENGINEERING DEPARTMENT

No.	Name of Student	Title of Thesis	Guide
1	Mogal Shyam Prabhakar	Fault Diagnosis of Rotating Machinery	Dr. D. I. Lalwani
2	Amit Kumar Srivastava	Determination of Fracture Parameters and Crack Growth Direction for Multiple Edge Cracks of a Finite Plate	Dr. Achchhelal
3.	Desai Bhavinbhai Vasantrao	Parametric Investigations During Single Point Incremental Sheet Metal Forming of AA1060 & AA1200-H14	Dr. H. K. Raval Dr. K. P. Desai
4.	Waghmare Gajanan Govindrao	Single and Multi-objective Design Optimization using Teaching-Learning-Based Optimization Algorithm	Dr. R. Venkata Rao

5	Deepak Panghal	A contribution to the development of knowledge-based system for intelligent design of bending dies	Dr. Shailendra Kumar
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5.3 Proposed Plan for Research:

MECHANICAL ENGINEERING DEPARTMENT
<p>The focus research areas in the department are as follows:</p> <ul style="list-style-type: none"> • Design optimization • Manufacturing optimization • Multicriteria decision making • AI Applications in Sheet Metal Forming • Press Tool Design • Manufacturing Processes (mainly NTM processes) • Incremental Forming • Automation in Manufacturing • Flexible Manufacturing Systems • Computer Aided Process Planning (CAPP) • CAD/CAM/CIM • Development of Two Stage GM Type Pulse Tube Cryocooler for 10 K Applications. • Numerical Modelling of GM Type Pulse Tube Cryocooler. • Investigations on orbital EDM process. • Design, Development & Investigation on Two Stage GM type Pulse Tube Cryocooler for 10K Application. • Optimization techniques, • Automation in Manufacturing, • Investigations on micro EDM process. • Investigations on Electro-chemical Machining. • Investigations on Incremental Forming Process. • Spark column behaviour analysis using acoustic for EDM. • Additive manufacturing • Condition monitoring • Toolpath generation for CNC machines • Numerical Modelling of GM Type Pulse Tube Cryocooler • Development of Thermo acoustically Driven Thermoacoustic Refrigerator. • Alternate refrigerants, low temperature refrigeration • Vortex tube refrigeration • Metal Forming Process • Finite Element Analysis in Manufacturing

- Two-phase flow and Heat transfer,
- Phase change processes,
- Computational Fluid Dynamics,
- Turbomachines,
- Combustion
- Knowledge Management
- Supply Chain Management
- Benchmarking Quantitative Methods for Managerial Decisions
- Manufacturing philosophy Project Management
- Total Quality Management & Six Sigma Enterprise Resource Planning (ERP)
- Tribological behavior of sugarcane roller system.
- Tribological behavior of High speed micro milling operation.
- Slurry erosion wear behavior of ductile materials
- Tribological behavior under conformal and non-conformal lubricated contact condition

Currently there are 91 Ph.D., and 102 M.Tech Candidates in Mechanical Engineering Department.

Scholars pursuing PhD, currently and their details:

Sr. No.	Name of Candidate	Category	Topic	Name of Supervisor	Status
1	Doshi Ashish V.	PIS	Hydraulic machines	S. A. Channiwala	Synopsis submit
2	Mahto Anilkumar	PIS	Join analysis of TSF	H. J. Nagarsheth	Ongoing
3	V K Joshi	PEC	Investigations on Electro-chemical Machining	H. K. Raval	Thesis submit
4	Shah Divyang R	PEC	Biogas application of I. C. Engine	H. J. Nagarsheth	Ongoing
5	Rathod Kantibhai B	PEC	Experimental Investigation and Modeling of Hard Turning of AISI H11 Steel	D. I. Lalwani	Ongoing
6	Sandeep S Sarnobat	PEC	Investigation on Oblique Turning of Hard Material	H. K. Raval	Pre-synopsis
7	Rajesh Thankam S	PEC	Optimization of plasma spraying process used in petrochemical industries	Dr. R. Venkata Rao	Ongoing
8	Gujarati Paresh B.	FIR	Design, Development & Investigation on Two Stage GM type Pulse Tube Cryocooler for 10K Application	H. B. Naik / K. P. Desai	Ongoing

Annual Report (2015-16)

9	Jitendra B. Chaudhari	PEC	Experimental investigation of heat reciproculation small scale combustion chamber	S. A. Channiwala	Ongoing
10	Shah Bhumi Ankit	PEC	Vibration analysis of shaft	D. P. Vakharia	Ongoing
11	Zinjala Hitesh K.	FIR	Development of an Eulerian-Lagrangian interface tracking algorithm for interfacial flows using Moment of Fluid Interface Reconstruction	J. Banerjee	Thesis submit
12	Soni Sandeep N	PIS	Static analysis of fluid film bearing	D. P. Vakharia	Ongoing
13	Gosai Dipakkumar C	PEC	Adiabatic IC Engine	H. J. Nagarsheth	Ongoing
14	Kamble Avinash G.	PEC	GMAW of selected grades of steel	Dr. R. Venkata Rao	Ongoing
15	Kulkarni Swanand G	PEC	Experimental and Modeling Investigation of Al based Metal Matrix Composites	J. V. Menghani / A. Lal	Synopsis submit
16	Shah Samip P	PEC	Design, optimization, numerical simulation and experimental investigation of radial inflow micro gas turbine	S. A. Channiwala	Synopsis submit
17	Chaudhari Gaurang C	PEC	Numerical, experimental and flow visualization studies on traditional and hooped pelton runner	S. A. Channiwala	Synopsis submit
18	Chougule Pramod D	PEC	Development of computer aided system for environmental conscious process plan (sustainable manufacturing)	Dr. Shailendra Kumar	Writing synopsis and Thesis
19	Mistry Rajivkumar A	PEC	FRP pressure vessel design for non-circular cut	A. A. Shaikh	Thesis submit
20	Kakade Amol B	PEC	Investigations of Tribological Parameters on Design and Developed three roller motorized system similar	D. V. Bhatt / J. V. Menghani	Report received- viva to be scheduled

Annual Report (2015-16)

			to sugar mill under various operating variables – A case study		
21	Patel Jignesh K	FIR	AWJ cutting of Banana fiber reinforced composite	A. A. Shaikh	Thesis submit
22	Anil Kumar Gillawat	PEC	Development & control of an Anthropomorphic arm	H. J. Nagarsheth	Ongoing
23	Barot Rakesh kumar S	PEC	Investigation on acoustic emissions during EDM	H. K. Raval	Ongoing
24	Pandya Shailesh N	PIS	Joining of Dissimilar metals using friction stir welding process	J. V. Menghani	Ongoing
25	Appaso Machindra Gadade	PEC	Stochastic progressive failure analysis of laminated composite plate under different loading conditions	A.Lal	Synopsis submit
26	Palekar Shailesh P	PEC	Probabilistic fracture modeling and analysis of laminated composite panels by XFEM	A.Lal	Synopsis submit
27	Rathod Vikram P	PIS	Biogas Reforming to Hydrogen Rich Syngas Production	P. V. Bhale	Ongoing
28	Ajudiya Rajnikant J	PEC	Investigation on depth and roughness for Laser turning of composite cylinder	A. A. Shaikh	Synopsis submit
29	Mewada Bhavesh G	PEC	Hard Metal Machining	H. K. Raval	Ongoing
30	Vishal John Mathai	FIR	Investigation on Generation of Non-Circular cavities by Electro Discharge Machining Process	H. K. Dave / K. P. Desai	Synopsis submit
31	Sudhanshu Kumar	FIR	Investigation on Radial Tool movement in Electro Discharge Machining Process.	H. K. Dave / K. P. Desai	Synopsis submit
32	Kagzi Shakil A	FIR	Investigation of force analysis in three Roller Bending	H. K. Raval	Synopsis submit
33	Patel Divyang D	PEC	Toolpath development for CNC pocket machining using Partial Differential Equation and	D. I. Lalwani	Thesis submitted

Annual Report (2015-16)

			NURBS Curve		
34	Jignesh P. Thaker	PPF	Experimental analysis of Intermittent Type Two-phase flows	J. Banerjee	Ongoing
35	Prashant P. Power	PEC	Study of Hard Turning	H. K. Raval	Ongoing
36	Dalvi Manojkumar V.		Study of selected Issues of Supplier Selection, Supplier Evaluation and Suppliers Development for Indian Manufacturing Organizations	Ravi Kant	Synopsis submit
37	Rakesh Kumar Malviya	FIR	Study of Green Supply Chain Adoption for Indian Manufacturing Organizations using Decision Making Approaches	Ravi Kant	Thesis submit
38	Bhojawala Vipul M	PEC	Crack analysis of beam	D. P. Vakharia	
39	Supriya R. Ingole	FIR	Facility layout design using non-traditional optimization techniques	Dinesh Singh	Ongoing
40	More Kiran C.	PEC	Design optimization of selected thermal devices using TLBO and Jaya algorithms	Dr. R. Venkata Rao	Ongoing
41	Gamit Jigar C.	PEC	Heat Exchanger	S. A. Channiwala	Ongoing
42	Shah Hitesh G.	PEC	Study of Knowledge Management Adoption in Indian Manufacturing Organizations	Ravi Kant	Ongoing
43	Tejendra B. Patel	PEC	Experimental evaluation of Condensing heat transfer coefficient	A. D. Parekh	Ongoing
44	Rishi Pareek	FIR	Development of biogas plant for all season	H. J. Nagarsheth	Ongoing
45	Chakradhar Bandapalli	FIR	Experimental investigation of machinability parameters in high-speed micro-end milling of titanium grades	Dr. B. M. Sutaria Dr. D.V. Bhatt	Synopsis submission
46	Desai Abhinav	FIR	Development and Investigation of Thermoacoustic Refrigeration	H. B. Naik	Ongoing
47	Shaswat Saincher	FIR	Analysis of Ocean Wave Breaking	J. Banerjee	Ongoing

Annual Report (2015-16)

48	Vinay Kumar	FIR	Experimental investigation of journal bearing	D. P. Vakharia	Ongoing
49	Shukla Rajkamal	FIR	Investigation of performance parameters of non-traditional machining processes	Dinesh Singh	Ongoing
50	Dhanawade Ajit D.	FIR	Experimental investigation on the influence of process parameters in machining of Carbon Epoxy Composites using abrasive water jet machining	Dr. Shailendra Kumar	Thesis submitted
51	Bhosale V. A.	FIR	Study of Knowledge Flow Adoption in Supply Chain for Indian Scenario	Ravi Kant	Ongoing
52	Bhatt Ravi J	FIR	Investigation of flow forming	H. K. Raval	Ongoing
53	Jayakrishana H. M.	PEC	Design and Dynamics	D. P. Vakharia	Ongoing
54	Jamadar Imran M.	PEC	New algorithm for defect identification of ball bearing	D. P. Vakharia	Ongoing
55	Rai Kalal Dhiraj Praveen	FIR	Optimization of selected manufacturing processes using TLBO and Jaya algorithms	Dr. R. Venkata Rao	Ongoing
56	Khatri Khubilal D.	FIR	Fracture Mechanics	A.Lal	Ongoing
57	Thakre Hitesh R	PEC	Vortex tube refrigeration	A. D. Parekh	Ongoing
58	Solanki Mitulkumar T.	FIR	Numerical and experimental analysis of layer cylindrical hollow roller bearing	D. P. Vakharia	Ongoing
59	Gunjan Yadav	FIR	Study of Lean Six Sigma Implementation in Indian Manufacturing Organisations	T. N. Desai	Ongoing
60	Maisuria Mahendra B.	PIS	Parametric Study Of a Nanofluid Based Compact Heat Exchanger Using Various Soft Computing Methods In Context Of Automotive Application	M. K. Rathod	Ongoing
61	Atul Kamalakar Bakare	PEC	Investigation of single side CFRP patch for crack	A. A. Shaikh	Ongoing

Annual Report (2015-16)

			propagation		
62	Trivedi Hetal K	PEC	Tribological behavior under conformal and non-conformal lubricated contact condition	Dr. D. V. Bhatt	Ongoing
63	Satish Rajdhar More	FIR	Study the slurry erosion wear behavior of ductile materials	Dr. D.V. Bhatt Dr. J. V. Menghani	Ongoing
64	Rana Parthiv Bharatkumar	FIR	Optimization of some manufacturing processes and some design problems using evolutionary optimization techniques	D. I. Lalwani	Ongoing
65	Jagtap Rahul Kisan	PPF	Experimental investigation on the influence of process parameters in hybrid incremental forming	Dr. Shailendra Kumar	Ongoing
66	Dave Hiren R	FIR	To study the Performance analysis of Multiple Injections and Emissions on DI Diesel Engine - A case Study	B. M. Sutaria	Ongoing
67	Shah Maitrik K	PEC	Flow analysis of radial pump	Beena Baloni	Ongoing
68	Vipin Nair	FIR	Nano fluid as refrigerants in vapour compression system to improve thermal conductivity	A. D. Parekh	Ongoing
69	Patel Nikunj G.	PIS	Energy management and bench marking for Textile Industry	Bade Mukund	Ongoing
70	Shah Parth D	FIR	Procedure gas fired SI engine for captive power generation	S. A. Channiwala	Ongoing
71	Chetan Ashok Somani	PEC	Experimental Investigation of hybrid welding	D. I. Lalwani	Ongoing
72	Shraddha Pravin Deshpande	PEC	Electric discharge machining using bio-dielectrics	Dr. R. Venkata Rao	Ongoing
73	Raval Shruti J.	PEC	Study of selected issues of lean six sigma for indian manufacturing organization	Ravi Kant	Ongoing

Annual Report (2015-16)

74	Sunil Kumar Pathak	PEC	Real world driving cycles	S. A. Channiwala	Ongoing
75	Kanani Jayendra B	PEC	Study of process parameters in external thread rolling of stainless steel material	D. I. Lalwani	Ongoing
76	Deshmukh Dhiraj Devrao	PEC	Experimental investigations on weld overlay surface deposited by plasma transferred arc welding	V. D. Kalyankar	Ongoing
77	Magar Ashok Baban	PEC	Crack analysis of beam	D. P. Vakharia	Ongoing
78	Rajpara Parag K.	FIR	Parametric investigation on upward on upward swirl CAN combustor	R. D. Shah	Ongoing
79	Wagh Santosh V.	PEC	Laser Hardening on cylinder liner of reciprocating system	Dr. D.V. Bhatt Dr. J. V. Menghani	Ongoing
80	Patel Vipul R.	FSC	Investigation on unconfined flame	R. D. Shah	Ongoing
81	S. Vaishak	FIR	Design, development and performance analysis of photovoltaic thermal system	P. V. Bhale	Ongoing
82	Patel Vipul M.	FIR	Experimental development of closed loop pulsating heat pipe (CLHP)	H. B. Mehta	Ongoing
83	Saroj Ankit	FIR	Multi-objective design optimization using new algorithms	Dr. R. Venkata Rao	Ongoing
84	Chavan Shivaji Gunda	FIR	Nonlinear analysis of SWCNT reinforced composite	A.Lal	Ongoing
85	Jadhav Aniket B	PEC	Experimental investigation on Laser Assisted Machining	Dr. Shailendra Kumar	Ongoing
86	Sisodia Vikas S.	FIR	Experimental investigation on the influence of process parameters in incremental forming using dummy sheet	Dr. Shailendra Kumar	Ongoing
87	Vaidya Hemish A	PEC		S. A. Channiwala	Ongoing
88	Rajpurohit Shilpesh R.	FIR	Investigation on FDM process	H. K. Dave	Ongoing
89	Ashishkumar Bhanabhai Patel	PEC	Pursuing course work	Dr. Tushar N. Desai	Course Work

Annual Report (2015-16)

90	Jain Khushbu	PEC	Dynamic fracture analysis of structure with arbitrary discontinuities in shape and geometries using extended FEM	A. Lal	Ongoing
91	Mrs. Veera P. Darji	PEC	Applications of decision making methods to the selected problems of the industrial environment	Dr. R. Venkata Rao	Submitted the Thesis

Scholars pursuing M Tech dissertation and their details:

No.	Name Of Students	Title	Research Area	Guide
1	Ashish Patel	Exact Closed form Solutions for Two Dimensional Inclusion Problems using the Complex Variable Method	Design & Dynamic	Mr. V. K. Patel
2	Ingole Sandesh Baburao	Vibration Based Condition Monitoring of Gear Tooth Defects	Design & Dynamic	Dr. D. I. Lalwani
3	Apte Ajinkya Vivek	Design Optimization of Heat Exchanger and Bearings using Advanced Optimization Technique	Design & Dynamic	Dr. D. I. Lalwani
4	Roopesh Gusain	Lean Manufacturing Practice at an industry	Production & Industrial	Dr. H. J. Nagarsheth Dr. T. N. Desai
5	Ghanshyam Singh	Screening Criteria of Fatigue Analysis in Pressure Vessels	Design & Dynamic	Dr. D. I. Lalwani
6	Gotawala Nikhil Maheshkumar	Machinability of Aerospace Grade Titanium Alloy	Manufacturing	Dr. H. K. Raval
7	Akash Tiwari	Mechanical Design and FE Stress Analysis of Tube Sheet in U - Tube Shell and Tube Heat Exchanger	Design & Dynamic	Dr. D. P. Vakharia
8	Mane Ajinkya Baburao	Design Optimization of Selected Mechanical Components Using Jaya Algorithm	Design & Dynamic	Dr. R. V. Rao
9	Mulani Keyurkumar D.	Tribo-Parameters Characterization and Performance Evaluation Under Magnetorheological Fluid Automotive Lubricant	Design & Dynamic	Dr. D. V. Bhatt
10	Patil Dhiraj Amol	Design and Development of	Design & Dynamic	Dr. D. P.

		an Experimental Setup for Vibration Analysis of Two Degree of Freedom Spring Mass System using Vibration Absorber		Vakharia
11	Athare Hemant Dattatraya	Analytical Investigation on Materials to Reduce Contact Stresses in Deep Groove Ball Bearing Based on ANSYS	Design & Dynamic	Dr. D. P. Vakharia
12	Chauhan Shashwat Ashokkumar	Design and Development of Modular Drive and its application in High Voltage Disconnecter	Manufacturing	Dr. H. K. Dave
13	Bhalekar Yogesh Shivaji	Design and Development of Novel Solution for Value Addition to Satellite Subsystems	Design & Dynamic	Dr. D. P. Vakharia
14	Sumit Kumar	Thermo mechanical deformation and characterization of tungsten heavy metal alloy	Manufacturing	Dr. H. K. Raval
15	Ajay Kumar	Machining of additive Built Material for Development of Prototype using Laminated object manufacturing	Design & Dynamic	Dr. A. A. Shaikh
16	Bhadakwad Simon Vikram	Finite Element Analysis of Stresses and Holoewness of Tapered Roller Bearing	Design & Dynamic	Dr. B. M. Sutaria
17	Surti Miteshkumar Dalpatbhai	Product Design and Development of Diamond Separator	Design & Dynamic	Mr. V. K. Patel
18	Rathod Jigarkumar Shivilal	Life prediction of laminated composite structure subjected to biaxial loading using probablistic FEM approach	Design & Dynamic	Dr. A. Lal
19	Tejaskumar Chaudhari	Investigation of Friction Characteristics of Segmented PRLA of IC Engine	Design & Dynamic	Dr. B. M. Sutaria
20	Nikita P. Sonar	Thermomechanical Deformation of TI- 6AL-4V and Study of Microstructure evaluation	Production	Dr. J. V. Menghani
21	Patel Tanmaykumar M.	M.R. Fluid & Its Application	Design & Dynamic	Dr. B. M.

				Sutaria
22	Anil Basnet	Dependence of outgassing Rate on Backing Temperature and Chemical Composition of Cleaning Solution at L&T, Hazira	Industrial Engineering	Dr. T. N. Desai
23	Krishna Bahadur Singh	Study on Effect of Chemical Etching on EDMed Surface	Manufacturing	Dr. H. K. Dave
24	Parwatwar Pratik Satyanarayan	Investigation on Sheet Thickness and Surface Quality in Hybrid Incremental Sheet Forming Process	Manufacturing	Dr. S. Kumar
25	Ankit Shastri	Implementation of Value Stream mapping Technique to reduce non value added activities at Pipe mill unit of Essar Steel india Ltd., Hazira, Surat	Industrial Engineering	Dr. T. N. Desai
26	Ravi Prakash Upadhyai	Investigation on Influence of Process Parameter on Surface Roughness of Abrasive Water Jet Machined Lead Zirconate Titanate Ceramic Material	Manufacturing	Dr. S. Kumar
27	Sitendra Pandey	Implementation of Six Sigma Quality Management Technique : A Case Study of Corex Technology at Essar Steel India Ltd., Surat	Industrial Engineering	Dr. T. N. Desai
28	Patel Rikinkumar Pravinbhai	Minimizing Cost of Poor Quality & Non-Value added activities by using Process improvement techniques at L&T Hazira, Surat	Industrial Engineering	Dr. T. N. Desai
29	Praveen Kumar Singh	Supply Chain Collaboration	Industrial Engineering	Dr. Ravi Kant
30	Patel Shripal Mukund	Study on Mechanical Properties of CFRP Composite Fabricated by Vacuum Assisted Resin Infusion Process	Manufacturing	Dr. H. K. Dave
31	Gothi Nitinbhai Madhubhai	Automatic Feature Extension and Process Planning of Sheet Metal Parts Produced on Compound Die	Manufacturing	Dr. S. Kumar
32	Bhutwala Jenil	To Study Tube-Sheet Gas	Industrial Engineering	Dr. Ravi Kant

	Anilkumar	Tungsten Arc Welding Process Using Time Study Technique and Identify Non-Value Added Activities for Productivity Improvement at L&T, Hazira		
33	Himanshu Prajapati	Supply Chain Practices	Industrial Engineering	Dr. Ravi Kant
34	Arun Kumar Rouniyar	Investigation on Influence of Process Parameter on Surface Roughness of Abrasive Water Jet Machined Lead Zirconate Titanate Ceramic Material	Manufacturing	Dr. S. Kumar
35	Bittu Kumar Sarraf	Parameter Optimization of some Machining Processes using Heat Transfer Search Algorithm	Design & Dynamic	Dr. Dinesh Singh
36	Balkesh	An Investigation on Sheet Thickness Distribution and Surface Roughness in Multistage Incremental Sheet Forming Process	Manufacturing	Dr. S. Kumar
37	Anurag Saha	Feasibility study on Bio oil as Dielectric Fluid for Sustainable EDM	Manufacturing	Dr. H. K. Dave
38	Ankit Kumar	Impact Study on Information Sharing Enable Supply Chain for Achieving the Differential Advantages: A Survey of Indian Manufacturing Organization	Industrial Engineering	Dr. Ravi Kant
39	Mukesh Kumar Dalei	Problem solving approach by Quality Circle technique: Case studies at L&T Heavy Engineering, Hazira Surat	Industrial Engineering	Dr. H. J. Nagarsheth Dr. T. N. Desai
40	Banoth Hari Krishna	Experimental Investigation on Performance of Cooling Tower, Reveals Energy saving opportunities at Birla Cellulosic, Kharach, Surat	Industrial Engineering	Dr. T. N. Desai
41	Patel Sagar Maheshbhai	Prioritizing the Solution to Overcome the Barriers of Supplier Development Activities	Industrial Engineering	Dr. Ravi Kant
42	Shubham Sarthi	Numerical Investigation on Single Point Incremental forming	Manufacturing	Dr. H. K. Raval

43	Bhatt Jaiminkumar Rajeshbhai	Analysis and Modeling of 3D Composite	Design & Dynamic	Dr. A. A. Shaikh
44	Prasad Chandan Chandra	Investigation the status of Lean Manufacturing Practices in Micro, Small and Medium Enterprises (MSMEs) in South Gujarat Region	Industrial Engineering	Dr. T. N. Desai
45	Jogani Vikas Raghavbhai	Implementation of Lean Manufacturing Technique at L&T, Hazira, Surat	Industrial Engineering	Dr. T. N. Desai
46	Khokhar Denishkumar Kanulal	Integration of CAD and CAM for Machine Element-CAM Profile	Design & Dynamic	Dr. D. P. Vakharia
47	Patel Nirmal Rameshkumar	Finite Element analysis at Different Junction of Coke Drum as per ASME code	Design & Dynamic	Dr. A. A. Shaikh
48	Ankit Kumar Saraswat	Development and Simulation of Mathematical Model for Hydraulic Hybrid Vehicles	Manufacturing	Dr. H. K. Dave
49	Vamja Manishkumar D	Modeling and Simulation of Journal Bearing with Magnetorheological Fluid as a Lubricant	Design & Dynamic	Dr. D. V. Bhatt
50	Gajera Siddharth Rasiklal	Control of Portable CNC Milling Machine Using a Computer	Manufacturing	Dr. D. I. Lalwani
51	Sadatia Parth Ambrambhai	Modeling of Friction Forces of Piston Ring Cylinder Liner Contact in Reciprocating Engine with Laser Surface Textured Piston Ring	Production	Dr. D. V. Bhatt
52	Jadhav Ketan Chandrakant	Solid Impact Analysis of Particle on a Plate	Design & Dynamic	Dr. D. V. Bhatt
53	Deshmukh Laxman Vitthalrao	Design and Realization of Human like Mechanism for Space Application	Design & Dynamic	Dr. A. A. Shaikh
54	Patel Vishal Jamubhai	Simulation of Product Feasibility using point Cloud Concept	Design & Dynamic	Dr. A. A. Shaikh
55	Vinay Kumar Yadav	Design Parameter optimization of Gears using Heat Transfer Search Algorithm	Design & Dynamic	Dr. Dinesh Singh
56	Kasture Tushar Sadashiv	Weight Optimization of Connecting Rod Using	Design & Dynamic	Dr. D. I. Lalwani

		ANSYS		
57	Chaudhari Nilesh Suresh	Stochastic Nonlinear Bending Analysis of Laminated Composite Cylindrical Shell Panel with Random System Properties by using Finite Element Method	Design & Dynamic	Dr. A. Lal
58	Anit Kumar	Design Optimization of Rolling Element Bearing Using Jaya Algorithm	Design & Dynamic	Dr. R. V. Rao
59	Gohil Dixitkumar Kishorbhai	Robot Path Planning Using Jaya Algorithm	Design & Dynamic	Dr. R. V. Rao
60	Ganvir Abhishek Balakdas	Study of Automotive Vehicle Signals Systems	Design & Dynamic	Dr. D. V. Bhatt
61	Manoj Kumar	Experimental Investigation of CNC Turning Process Parameter on EN8 Steel and Titanium Surface Method	Manufacturing	Dr. Dinesh Singh
62	Jigar Arjunbhai Vasava	Application of Magneto Rheological Fluids as a lubricant in Journal Bearing and Comparison with Conventional Fluids	Design & Dynamic	Dr. D. V. Bhatt
63	Khatri Saurabh Bhavikkumar	Effect of Fiber Volume Fraction on Mechanical and Microstructural Properties of Carbon Fiber Reinforce Polymer	Manufacturing	Dr. H. K. Raval
64	Ashutosh Singh	Design and Development of Centrifugal Compressor Stage for APU	Thermal & Fluid	Dr. B. Baloni
65	Devendra Kumar Pandey	Analysis of Steam-Injection Advanced Gas Turbine Cycle using Pinch Technology	Thermal & Fluid	Mr. Bade Mukund
66	Deshpande Chaitanya Balbhim	Optimization of Liquid Cooled Minichannel Heat Sink using Genetic Algorithm	Thermal & Fluid	Dr. H. B. Mehta
67	Rohan Sharma	CFD Analysis of Phase Change Process	Thermal & Fluid	Dr. M. K. Rathod
68	Neeraj Verma	Design Analysis of renovation of Existing Wind Tunnel	Thermal & Fluid	Dr. B. Baloni
69	Kislay	Numerical Investigation on pulsating Laminar Liquid Flow Through a Circular	Thermal & Fluid	Dr. H. B. Mehta

		Minichannel		
70	Joshi Pratik Pramod	Numerical Simulation and Parametric Analysis of Primary- Liquid Sheet Breakup	Thermal & Fluid	Dr. J. Banerjee
71	Shah Ronak P.	Design and CFD Analysis of Compressor Brake Wheel for Cryogenic Helium Turbine	Thermal & Fluid	Dr. H. B. Mehta
72	Indrawad Anupama Gangadhar	Experimental and Numerical Investigation for Small Scale Combustion with Heat Recirculation	Thermal & Fluid	Dr. S. A. Channiwala
73	Himansh Vishwakarma	Design and Numerical Analysis of a Centrifugal Compressor through a Commercial Software	Thermal & Fluid	Mr. V. P. Rathod
74	Gaurav	Closed Loop Pulsating Heat Pipe: An Experimental Investigation	Thermal & Fluid	Dr. H. B. Mehta
75	Subhakanta Moharana	Numerical Modeling and Analysis of Pool Boiling Regime using Level-set Methodology	Thermal & Fluid	Dr. J. Banerjee
76	Kaki Venkata Nagesh	Design and Numerical Analysis of Mixed flow Compressor Impeller for Small Gas Turbine Engine	Thermal & Fluid	Dr. S. A. Channiwala
77	Kadiyam Vijay Kumar	Study and Numerical Analysis of Compressor Transition Duct	Thermal & Fluid	Dr. B. Baloni
78	Patel Ravikumar Surendrabhai	Experimental & CFD Analysis of Savonius Hydrokinetic Turbine	Thermal & Fluid	Mr. V. K. Patel
79	Milankumar Someshwara	Design, Optimization and CFD Analysis of an Axial Flow Turbine using Axstream Software	Thermal & Fluid	Dr. H. B. Mehta
80	Piyush Bhagawanbhai Savaj	Experimental and Numerical Investigation on open Non Premixed Swirl Stabilized Flame	Thermal & Fluid	Dr. R. D. Shah
81	Rinkesh B. Patel	Numerical and Experimental Investigation for optimum Performance of Darrieus Turbine	Thermal & Fluid	Mr. V. K. Patel
82	Rasadiya Jitendrakumar	Experimental Analysis of	Thermal & Fluid	Mr. V. K. Patel

		Axial Flow Turbine		
83	Anghan Chetankumar K.	Direct Numerical Simulation (DNS) of Spatially and Temporally Developing free Round jet using message Passing Interface (MPI)	Thermal & Fluid	Dr. J. Banerjee
84	Pawar Hemant Narendrakumar	Effectiveness Analysis of Vacuum Swing Adsorption Process of Biogas Purification	Thermal & Fluid	Mr. M. B. Maisuria
85	Vamja Gauravkumar Rameshbhai	Development of Flow Solver for Intrinsic Instability Analysis of Laminar Diffusion Flame	Thermal & Fluid	Dr. J. Banerjee
86	Shivam Kumar Pandey	Development of Integrated Bio-energy and Bio material system from water Hyacinth Weed for Economic, Social and Environmental Benefits	Thermal & Fluid	Dr. P. V. Bhale
87	Bhendwade Vijay Tanaji	Numerical Analysis of Tube Tinned Heat Exchanger	Thermal & Fluid	Dr. M. K. Rathod
88	Raj Kant Tripathi	Experimental Investigation on Natural convection in Cylindrical Enclosure Having Different Orientations	Thermal & Fluid	Dr. M. K. Rathod
89	Anish Ankush Gunjal	Design, Analysis and proof of Concept of Phase Change Material Based Thermal Control System for Spacecraft payload	Thermal & Fluid	Dr. S. A. Channiwala
90	Jaimin Bhupendrabhai Mistry	CFD Modeling of Taylor Flow Characteristics in Microchannels	Thermal & Fluid	Dr. J. Banerjee
91	Shahrukh Beg	Numerical Analysis of Adiabatic Capillary Tube	Thermal & Fluid	Dr. A. D. Parekh
92	Gohil Jigneshkumar Ishwarbhai	Design & Development of industrial Radiator	Thermal & Fluid	Mr. M. B. Maisuria
93	Ashutosh Kumar Gupta	Simulation and Performance optimization of Finned Tube Gas Cooler for Trans- Critical, CO ₂ Refrigeration System in Indian Context	Thermal & Fluid	Dr. A. D. Parekh
94	Mayank	Production and Characterization of Bio-oil and Bio-Char from Bamboo	Thermal & Fluid	Dr. P. V. Bhale

Annual Report (2015-16)

		by Vacuum Pyrolysis		
95	Chakitwar Praveen Shreenivas	Performance Enhancement of a Household Refrigerator by Addition of Phase Change Material	Thermal & Fluid	Dr. P. R. Tailor
96	Avula Suresh	Investigation and Improvement of Ejector Refrigeration System using Computational Fluid Dynamics Technique	Thermal & Fluid	Dr. A. D. Parekh
97	Arijit Das	Thermodynamic Analysis of Steam Jet Refrigeration	Thermal & Fluid	Dr. P. R. Tailor
98	Samyak K Gajbhiye	Integration of Alternative Energy	Thermal & Fluid	Dr. R. D. Shah
99	Rahul Kumar Meena	Energy Conservation in Water Supply System	Thermal & Fluid	Mr. Bade Mukund
100	Balram	Experimental Investigation on Radiator Heat Different Proportion of MEG & Water	Thermal & Fluid	Dr. M. K. Rathod
101	Shyam Bilash Pandey	Analysis of Erosion for Steam Turbine Blades of Homogeneous Material	Design & Dynamic	Mr. Sandeep Soni
102	Bodiwala Fenishkumar	Experimental Investigation of Enhancement of Heat Transfer in CHE Using CuO Nanofluids	Thermal & Fluid	Mr. M. B. Maisuria

ELECTRICAL ENGINEERING DEPARTMENT

The focus research areas in the department are as follows:

- Power Electronics
- Renewable Energy
- Power Systems
- Control Systems
- Electrical Machines
- Power Quality

Currently there are 31 Ph.D., 38 MTech candidates in ELECTRICAL Engineering Department.

Scholars pursuing PhD, currently and their details:

No.	Name of Students	CAT	Topic	Guide	Status
1	Hemang S. Pandya	PEC	Micro Grid	Dr. A. Chowdhury	RPS-9

Annual Report (2015-16)

2	Sandhya M. Rathore	PEC	Lagrangion Modelling of Switched Electrical Network	Dr. S.N. Sharma	RPS-8
3	Chetankumar Khushalbai Lad	PEC	Speed Control of BLDC motor	Dr. R. Chudamani	RPS-7
4	Chandrakant Rathore	FIR	Analyzing Transmission Network expansion planning problem concerning wind power uncertainty and Energy Storage Systems with demand response	HOD as I/c Supervisor	Pre-Synopsis
5	Deepak M. Soje	PEC	Condition & Monitoring on I.M.	Dr. P. Kundu & Dr. A. Chowdhury	RPS-6
6	Ashok Babulal Kherodia	PEC	Si thin film Solar Cells	Dr. A.K. Panchal	RPS-6
7	Hitesh Kishanlal Mehta	PEC	A novel MPPT algorithm for solar photovoltaic	Dr. A.K. Panchal	RPS-5
8	Dhruvesh M. Mehta	PEC	Partial Discharge in Ester based Transformer	Dr. P. Kundu & Dr. A. Chowdhury	RPS-4
9	Mukul Dixit	FIR	Optimal Planning of radial distribution network	Dr. P. Kundu & Dr. H.R. Jariwala	RPS-4
10	Pandya Sundaram B.	PEC	Optimal reactive power dispatch	Dr. H.R. Jariwala	RPS-3
11	Chavda Jiten K.	PEC	Bidirectional DC-DC 3 Level Converter for Ultra Capacitor application	Dr. V.A. Shah	RPS-3
12	Patel Nikunj Ramanbhai	PEC	Mathematical & FEM Design of 12/15 In-wheel C-Core Radial field Switch Reluctance Motor for EV application	Dr. V.A. Shah & Dr. M.M. Lokhande	RPS-3
13	Gor Chandaniben Pankajkumar	PIS	Multiphase Induction Motor Drive for Electric Vehicles	Dr. V.A. Shah & Dr. M.M. Lokhande	RPS-2
14	Patel Sanjaykumar Kanubhai	FIR	Power Quality Improvement in Power Distribution System	Dr. S.R. Arya & Dr. R. Maurya	RPS-3
15	Shaikh Mohammed Suhel Abdul Aziz	PEC	Multiphase Induction Motor Drive	Dr. R. Maurya	RPS-2
16	Pritam Keshavdas Gujarathi	PEC	Investigation & Research on Conversion of Conventional vehicle into plugging hybrid electric vehicle	Dr. V.A. Shah & Dr. M.M. Lokhande	RPS-2
17	Kashyap Lilabhai Mokariya	PEC	Design & Control at battery charger for electric vehicle	Dr. V.A. Shah	RPS-2
18	Prajapati Vijaykumar Kanaiyalal	FRS	Congestion management with FACTS	Dr. V. Mahajan	CS-2
19	Lakum Ashokkumar Chamanlal	FRS	Siting & Sizing of Active Power Filters	Dr. V. Mahajan	RPS-2

Annual Report (2015-16)

20	Jawaharlal Bhukya	FIR	FACTS Controller for Transmission network with renewable energy sources	Dr. V. Mahajan	RPS-2
21	B.R. Ananthapadmanabha	FIR	PFC Converter for Battery charging	Dr. S.R. Arya & Dr. R. Maurya	RPS-3
22	Patel Dharmeshkumar Durlabh Bhai	FSC	Differential Protection of Transformer	Dr. K.D. Mistry & Dr. Nilesh G.Gothani	RPS-1
23	Mandar Kadu Chaudhari	PEC	Control & design of Switch Reluctance Motor	Dr. A. Chowdhury	RPS-1
24	Agarwal Sunil Kumar Prahlad Bhai	PEC	VSC based HVDC System	Dr. P. Kundu	RPS-1
25	Vayalveetil Shimin Sudhakaran	FIR	Design & Hybrid energy source for electric vehicle	Dr. V.A.Shah & Dr. M.M. Lokhande	RPS-1
26	Patil Yogesh Punjaram	PEC	Sliding Mode Control	Dr. H.G. Patel	RPS-1
27	Kamani Piyushkumar Lavjibhai	FSC	Multilevel Inverter	Dr. M. A. Mulla	CS-2
28	Patel Payal Pravinbhai	PEC	Matrix Converter	Dr. M.A. Mulla	CS-2
29	Bhavina J Patel	PEC	Biomedical	Dr. H.G. Patel	CS-1,1 st SEM
30	Rashmi K. Patel	PEC	Stability Analysis of DC-DC Converter	Dr. R. Chudamani	CS-1,2 st SEM
31	Dube Deepali Yogendra	PEC	Some Contributions to Autonomous Systems	Dr. S. N. Sharma & Dr. H.G. Patel	CS-1,1 st SEM

Scholars pursuing M Tech dissertation and their details:

No.	Name of Students	Title	Research Area	Guide
1	B.SADHVI RAO	Different Control schemes for Distributed Generation Converters Under Grid Faults	Power System	Dr. Pranav B. darji
2	G. SANTOSH KUMAR VIRANCHI	Field oriented Control of Multiphase IM	Power System	Prof. Chandani Gor
3	BABARIA SHANTILAL J	Direct Torque Control of Space Vector Modulated Inverter fed Three phase IM for EV	Power System	Prof. Chandani Gor
4	ADITYA KACHHWAHA	Design Control and power management of Ultra Capacitor and Battery Hybrid System for E-Rickhaw	Power System	Dr.Varsha A. shah
5	M. SIVA SUBHRAHMANYAM	3 MPPT algorithms with different power Converters for Solar Photovoltaics	Power System	Dr. A. K. Panchal
6	TABISH SHANU	A study on Mitigation of	Power	Dr. Pranav B.Darji

		voltage sag/swell issue in power system using DVR	System	
7	ANKIT GUPTA	Diagnosis of Transformer fault through sweep frequency response analysis	Power System	Dr.P. Kundu
8	SUNNY KUMAR PANDEY	Lyapunov Stability criteria for Linear-Nonlinear Models of Power System	Power System	Dr. S. N. Sharma
9	DEEPAK JOSHI	Distribution system planning with Optimal Conductor Selection	Power System	Dr. K. D. Mistry
10	M V NIRANJAN REDDY	Modeling & Simulation of Solar-Photovoltaic & PMSG Based Wind Hybrid System for Stand Alone System	Power System	Dr. Hiren G. Patel
11	V. SHIVA REDDY	Congestion Management of Transmission Lines with TCSC using Modified Artificial Bee Colony Algorithm	Power System	Dr. Vasundhra Mahajan
12	CHAUHAN SUNGHDA RAJESH	Co-ordinated tuning of PSS and TCSC damping controller in multi-machine power system using PSO	Power System	Dr. H.R. Jariwala
13	SATYANARAYANA B	Optimal location and Parameter settings of FACT devices under single line contingency	Power System	Dr. K.D.Mistry
14	NARESH KUMAR PALLA	Coordinated charging of plug in Hybrid Electric vehicles in hybrid Distribution system	Power System	Dr. K.D.Mistry
15	M MALAKONDAIAH	Small Signal stability Analysis of AC Systems in the presence of Constant Power loads based on measured DQ frame impedances using control system Techniques	Power System	Dr. H. R. Jariwala
16	NEHA K AGARWAL	Optimal power flow based on Artificial Bee Colony using UPFC	Power System	Dr. Vasundhara Mahajan
17	ASHISH A PATEL	Power Generation System using permanent magnet Synchronous Generator with power quality features	Power Quality	Dr. S. R. Arya
18	DAHAT SURAJ ANKUSH	Enhancement of power quality by using dynamic voltage Restorer and SEN Transformer	Power System	Dr. Anandita Chowdhury Dr. P. Kundu

19	NIDHI J. GOHIL	Partial Discharge Detection and Localization using UHF Sensors for Power Transformer	Power system	Dr. P. Kundu Dr. Anandita Chowdhury
20	GAIKWAD TUSHAR RAJENDRA	Experimental Study of Solar photovoltaic System under different cooling systems	Power System	Dr. A. K. Panchal
21	SARANSH GUPTA	Vibration analysis and MCSA for condition monitoring of induction motor	Power Electronics	Prof. M.N. Bhusavalvala
22	CHAMAN KUMAR	Simulation and experimental studies on instantaneous power theory	Power Electronics	Dr. R. Chudamani
23	SURESHCHANDRA NAIK	Leakage current measurement and its reduction Technique for SPWM fed 3-phase induction motor	Power Electronics	Prof. M.N. Bhusavalvala
24	K. DHARANI CHANDRA KUMAR	Bi-directional Power flow in Back-to-Back converter for DFIG based wind turbine systems	Power Electronics	Dr. M.A. Mulla
25	ANAND KR DUBEY	Modeling and control of DC-DC converters incorporating fractional PID controller.	Power Electronics	Dr. S. N. Sharma
26	HARSH SURESH	Implementation of vector control of 3-phase induction motor	Power Electronics	Prof. J.J. Patel
27	HIMANSHU SHARMA	Analysis and implementation of γ -source inverter with solar application	Power Electronics	Dr. A. Chowdhury
28	SESHADRI G.	Three phase Front end converter	Power Electronics	Prof. J.J. Patel
29	ANSHUL AWASTHI	Shunt active power filter control with adaptive current control technique	Power Electronics	Dr. M.A. Mulla
30	VAMJA RAJAN VINODRAY	Speed Control of Multi-Phase Induction Machine	Power Electronics	Dr. R Maurya
31	TALADA APPALA NAIDU	Hardware implementation of dynamic voltage restorer	Power Electronics	Dr. R. Chudamani
32	KALLU SAIBHARGAVA	Switched Inductor Z source inverter	Power Electronics	Dr. H.G.Patel
33	BURLA TULSI RAO	Investigation of PWM Techniques for Three-Phase Voltage Source Inverter-Fed Induction Motor Drive	Power Electronics	Dr. R. Maurya
34	PRAVINKUMAR	SEPIC Derived Hybrid Output	Power	Dr. R. Maurya

	LALIT PATLI	converter for Photovoltaic Application	Electronics	
35	SUSHIL KUMAR JAISWAL	Cascaded multilevel inverter with multicarrier PWM technique with voltage balancing features	Power Electronics	Prof. M. Chauhan
36	SUMIT UTTAM BAGADE	Controlling Techniques for 3-phase a-source inverter	Power Electronics	Dr. A. Chowdhury
37	NIKHIL JANARDHAN BODELE	SEPIC based dual output DC-DC and DC-AC converter	Power Electronics	Prof. M. Chauhan
38	PARLEE DOLLY	Design and control of shunt connected custom power device.	Power Electronics	Dr. S. R. Arya

ELECTRONICS ENGINEERING DEPARTMENT

The focus research areas in the department are as follows:

- MIMO Signal Processing, Security Issues in Networking, Image Fusion, Face Recognitions, Image Compression, IRNSS Receiver, SIMULATION, Fabrication & Characterization of Nano-scale MOS devices, Quantum Dots, Digital and Analog VLSI Design, Embedded Systems, VLSI Chip and System Design, MEMS, Wireless Broadband Networks, Wireless Communication Networks.
- Various research projects in Signal Processing, Image Processing, Communication, Sensor Design, VLSI & Embedded System, and Networking.

Currently there are 40 Ph.D. and 41 MTech, 01 M.Tech. (Research) enrolled candidates in Electronics Engineering Department.

Scholars pursuing PhD, currently and their details:

No.	Name of Students	CAT	Topic	Guide	Status
1.	Mr. Zuber Patel	PIS	Novel DWLC-FQ and BAFPO Algorithms for Scheduling in WiMAX, enhancing Interclustering with LL-WRR and RED-AT	Dr. (Mrs).U. D. Dalal	Thesis Under Review
2.	Mr. Mehul Patel	PIS	LTE Mac Layer Design and Implementation	Dr. (Mrs).U. D. Dalal	RPS-VIII
3.	Mrs. Krupa Jariwala	PIS	Biometric ID with IRIS Watermarking	Dr. (Mrs).U. D. Dalal	Vivavoce Pending
4.	Shubhangi Mahamuni	PEC	Spectrum Management for Cognitive Radio	Dr. (Mrs).U. D. Dalal (I/c Supervisor)	Synopsis Submitted
5.	Jay Joshi	PEC	Speech Image and Video	Dr. (Mrs).U. D. Dalal	Vivavoce

			Encryption Algorithms using H.264		Pending
6.	Twinkle Doshi	PEC	Rake Receiver for SDR	Dr. (Mrs).U. D. Dalal	Synopsis .Submitted
7.	Khyati Zalawadia	PEC	Adaptive Beam Forming for Smart Antenna and MIMO	Dr. (Mrs).U. D. Dalal	Thesis Under Review
8.	Bhale Vishakha	FIR	RF Front Design & VLSI Implementation of Ultra Wide Band System	Dr. (Mrs).U. D. Dalal Dr. R. M. Patrikar	Thesis Under Review
9.	Mary Grace	PEC	Uplink Resource Allocation of Long Term Evolution	Dr. (Mrs).U. D. Dalal	RPS-VII
10.	Nehal Shah	PEC	Scalable Video Coding Using VLSI	Dr. (Mrs).U. D. Dalal	Synopsis Submitted
11.	Surabhi Dwivedi	FIR	Development of Patch Antennas Using Metamaterials	Dr. J. N. Sarvaiya (I/c Supervisor) Dr. Y. P. Kosta	Thesis Under Review
12.	Rasila Hirani	PEC	Optical Waveguides	Dr. (Mrs).U. D. Dalal Dr.(Mrs.) S. N. Shah (I/c Supervisor)	RPS-III
13.	Sonal Parmar	PEC	GPS Scintillation Measurement	Dr. (Mrs).U. D. Dalal Dr. K.N.Pathak (APD, SVNIT)	RPS-III
14.	Hemant Goklani	PEC	Image Registration	Dr. J. N. Sarvaiya	RPS-III
15.	Idris Bholebawa	FIR	Open Flow Protocol Designing for Wireless Environment	Dr. (Mrs).U. D. Dalal	Presynopsis
16.	Pathak Jay Rajendraprasad	FIR	Fabrication FINFET using III – VI material	Dr. A. D. Darji	RPS-I
17.	Singh Vinaykumar Vijay	ESDM	Optical-Wireless Communication with OFDM	Dr. (Mrs).U. D. Dalal (I/c Supervisor)	RPS-I
18.	Patel Dhananjay Manohar	ESDM	Optical- OFDM Communication System	Dr. (Mrs).U. D. Dalal (I/c Supervisor)	RPS-I
19.	Pradhan Dipika Nabakishore	PEC	Comparative study on SP, DP & TP Configuration of EDFA	Dr. (Mrs).U. D. Dalal (I/c Supervisor)	Credit Work
20.	Mr. Shah Prashant K	PIS	Stability Analysis of 2-D PSY Systems	Dr. (Mrs).U. D. Dalal	RPS-I

Annual Report (2015-16)

				(I/c Supervisor)	
21.	Sakhare Swati Vinodkumar	PEC	Video Surveillance Through HEVC	Dr. J. N. Sarvaiya Dr. (Mrs).U. D. Dalal	RPS-I
22.	Pathak Ketki Chintankumar	PEC	Video Processing	Dr. J. N. Sarvaiya	RPS-I
23.	Yadav Rahul Sureshchandra	FIR	Sensor Device	Dr. P. N. Patel	RPS-I
24.	Kumar Rashmi Ranjan	FIR	Sensor Based on Photonics Crystal Fibers	Dr. P. N. Patel	RPS-I
25.	Adhvaryu Meghayu Atulkumar	PEC	Sensor Device	Dr. P. N. Patel	RPS-I
26.	Sarosh Dastoor	PEC	Wireless Communication and Radio Network Design	Dr. (Mrs).U. D. Dalal Dr. J. N. Sarvaiya	III- Credit
27.	Darshna Jagiwala	FIR	Interference Mitigation Techniques in S Band	Dr.(Mrs.) S. N. Shah	III- Credit
28.	Priyanka Lineswala	PEC	Jamming and Spoofing Counter Measure Techniques	Dr.(Mrs.) S. N. Shah	III- Credit
29.	Monika Gambhir	FIR	Long Period Fiber Grating Sensors	Dr. (Mrs.) S.Gupta (I/c Supervisor)	III- Credit
30.	Pradeep Tiwari	PEC	Emotion Recognition	Dr. A. D. Darji	III- Credit
31.	Shailesh Gheewala	PEC	Sensor Device	Dr. P. N. Patel	III- Credit
32.	Ratnesh Kumari	FSF	Sensor Device	Dr. P. N. Patel	III- Credit
33.	Ankita Chadha	ESDM	Speech Processing	Dr. M. A. Zaveri Dr. J. N. Sarvaiya	I- Credit
34.	Rotake Dinesh	ESDM	Heavy Metal Ion Detection using MEMS	Dr. A. D. Darji	I- Credit
35.	Dhuda Hirenkumar	ESDM	Microwave and Waveguides	Dr. P. N. Patel	I- Credit
36.	Sreeraj K. P.	PEC	Hyper Spectral Image Fusion using Dictionary Learning Methods	Dr.(Mrs.) J. N. Patel Dr. J. N. Sarvaiya	II- Credit
37.	Desai Mehulkumar V.	FIR	DOP Analysis of GPS System	Dr.(Mrs.) S. N. Shah	III- Credit

38.	Panchal Chintan	PEC	Image processing	Dr.(Mrs.) J. N. Patel	Credit work
39.	Pooja Bhamre	FIR	Combination of diversity & spatial multiplexing in MIMO wireless system	Dr. (Mrs.) S.Gupta	Credit work
40.	Hetal Pathak	PEC	Design of TEM Cell	Dr. (Mrs.) S. N. Shah	Credit work

Scholars pursuing M Tech dissertation and their details:

Sr. No.	Name of Candidate	Title	Research Area	Guide
1	SHRAVYA S	Image Super Resolution Using Multi-Couples	Communication Systems	Dr. J. N. Sarvaiya
2	SHAIKH TAZEEN MANZOOR	Dielectric Resonator Antenna	Communication Systems	Prof. G. Santra
3	BHASKAR ANAND	Face Recognition using SURF features and SVM Classifier	Communication Systems	Prof. P. K. Shah
4	VALLURI SIVA PRASAD	Tone Reservation Technique based clipping and filtering method for PAPR reduction by scaling residual noise	Communication Systems	Prof. P. K. Shah
5	MAYANK TYAGI	Design and Analysis of Thermo-Optic Switch for Protection Switching in Double Ring Optical Networks	Communication Systems	Dr. P. N. Patel
7	VOODI VENKATA SUDHEER	Enhanced Coherent Optical OFDM FSO link Using Diversity for Different Weather Condition	Communication Systems	Dr. A. S. Mandloi
8	KOLI PRANMAY SUNIL	Adaptive Dictionary	Communication	Dr. J. N. Patel
9	RAJULA HARISH	System Level Design and Validation of Mixed signal	Communication Systems	Prof. M. C. Patel
10	PATEL ANKITKUMAR MUKESHBHAI	Design and Analysis of PIC Based Electro-Optic	Communication Systems	Dr. S. Gupta

11	GATTE SRIKANTH	All Optical NAND Logic Gate Using Four Wave Mixing	Communication Systems	Dr. A. S. Mandloi
12	SHAIK CHANDINI	EVS CODEC Optimization on INTEL Architecture and ARM	Communication Systems	Prof. P. K. Shah
13	DUDEKULA GIREESH	Implementation of an adapter spectrum sensing for very low SNR in cognitive	Communication Systems	Prof. P. K. Shah
14	RASALA PRASAD	DDR4 Interface Design Verification for Xeon Servers	Communication Systems	Prof. P. J. Engineer
15	SAGAR PARESHKUMAR RAMANBHAI	Design and Analysis of Metamaterial Inspired Microstrip Patch Antenna	Communication Systems	Dr. P. N. Patel
16	GHONMODE SHLESHA SHISHIRBABA	Implementation of Data Encoding for PCI Express	Communication Systems	Dr. U. D. Dalal
17	EMMADI PRADEEP	Pre-Silicon Verification of EC-GSM Channels	Communication Systems	Dr. U. D. Dalal
18	KIRAN BHANDARI	Design and Analysis of Bio Compatible Polymer Bend Waveguides for Implantable Optoelectronics	Communication Systems	Dr. A. S. Mandloi
19	PRITISH BHATT	Spare Representation and collaborative representation for classification in face	Communication Systems	Dr. J. N. Patel
20	SHEETALBEN RUPARELIA	A Novel Frequency Estimation Technique for Narrowband Interference Detection and Mitigation in	Communication Systems	Dr. S. N. Shah
21	SHUBHI SINGH	Error Detection and Concealment Analysis for Compressed Video	Communication Systems	Dr. J. N. Patel
22	AMRUTHA N SURENDRAN	Pessimism Reduction in Variation Modeling for STA Tools	VLSI & EMBEDDED SYSTEMS	Dr. Mrs. Rasika N. Dhavse
23	SURYADEVARA LAKSHMI DIVYA	Implementation of Effective Optimization Strategies in Low Power SOC Physical Design	VLSI & EMBEDDED SYSTEMS	Mr. P. J. Engineer
24	GAJJALA SRAVANTHI	Optimization of High Interconnect Resistance in	VLSI & EMBEDDED	Dr. Mrs. Rasika

		Advanced Technology Nodes	SYSTEMS	N. Dhavse
25	PARALIKAR GAURAV GIRISH	Implementation of Microphone Array for Speech Recognition Enhancement	VLSI & EMBEDDED SYSTEMS	Mr. P. J. Engineer
26	P. PRAVEENKUMAR REDDY	Clock Domain Crossing Interferences in Multi Clock Domain Soc.	VLSI & EMBEDDED SYSTEMS	Mr. Z. M. Patel
27	AVINASH JAGDISH PATIL	RTL Optimization for Fast timing Convergence in High Performance Processor Design	VLSI & EMBEDDED SYSTEMS	Dr. A. D. Darji
28	ALOK KUMAR	Optimization of ADC driving circuit for improved linearity	VLSI & EMBEDDED SYSTEMS	Dr. A. D. Darji
29	DIGVIJAY SINGH CHAUDHARY	Efficient Pin Placement Algorithm	VLSI & EMBEDDED SYSTEMS	Dr. A. D. Darji
30	MODI MILIND ARVINDBHAI	Efficiency Improvement of Timing and Quality Checks in high frequency Design	VLSI & EMBEDDED SYSTEMS	Mr. Z. M. Patel
31	RAJESH KUMAR NIRALA	Implementation of Quantum Dot Flash Stacks Using High- K Dielectrics	VLSI & EMBEDDED SYSTEMS	Dr. Mrs. Rasika N. Dhavse
32	RAMANADHAM BHASKAR	Real time implementation of adaptive filter robust to impulsive noise using FPGA	VLSI & EMBEDDED SYSTEMS	Mr. P. K. Shah Dr. A. D. Darji
33	S. PRASHANTH	Design and Analysis of Multiplexer and Demultiplexer in Different Low Power Techniques	VLSI & EMBEDDED SYSTEMS	Mr. P. K. Shah
34	BADIGINCHALA LOKESH KUMAR	DDR4 Interface Design Verification for Xeon Servers	VLSI & EMBEDDED SYSTEMS	Mr. P. J. Engineer

35	GAURAV SIDDHARTH	Functionality Analysis of Stressed Floating Gate Devices	VLSI & EMBEDDED SYSTEMS	Dr. Mrs. Rasika N. Dhavse
36	SANDEEP KUMAR	Mathematical Modeling of Charging Dynamics in Quantum Dot Flash Stacks	VLSI & EMBEDDED SYSTEMS	Dr. Mrs. Rasika N. Dhavse
37	PRANEETH ARIKILLA	Design of FIR Filter Using Evolutionary Algorithm	VLSI & EMBEDDED SYSTEMS	Mr. P. K. Shah
38	MILIND AMRUTBHAI PRIYADARSHI	Design and Implementation of Efficient Macro Placement Tool for ASIC Development	VLSI & EMBEDDED SYSTEMS	Dr. A. D. Darji
39	SWARA PATEL	Register file Design: Challenges and Optimization at sub micron	VLSI & EMBEDDED SYSTEMS	Mr. P. J. Engineer
40	NIDHIBEN GANDHI	Automation and Optimization of LDO Design	VLSI & EMBEDDED SYSTEMS	Mr. Z. M. Patel
41	DHARMESH PATEL	Design and Implementation of Quasi Cyclic Low Density Parity Check Code	VLSI & EMBEDDED SYSTEMS	Mr. P. J. Engineer

Scholars pursuing M Tech Research and their details:

No.	Name of Students	Title	Research Area	Guide
1	Minesh Patel	Pre-processing techniques for low bit rate video calling	VLSI & Embedded System	Dr. A. D. Darji

COMPUTER ENGINEERING DEPARTMENT

The focus research areas in the department are as follows:

- Information Security and Privacy
- Security Issues in Resource Constrained Environments
- Computer Vision and Image Processing, Natural Language Processing
- Big Data Analytics

Currently there are 35 Ph.D., 18 MTech candidates in Computer Engineering Department.

Scholars pursuing PhD, currently and their details:

No.	Name of Students	CAT	Topic	Guide	Status
1	Baladhare Pawan R.	PEC	Investigating anonymization based Clustering approaches for Privacy Preserving Data Mining using Bio-inspired Optimization Techniques	Prof. Devesh C. Jinwala	Thesis Defended
2	Reema Patel	FIR	Symmetry Reduction Techniques for Fully and Partially Symmetric Probabilistic Models.	Prof. Dhiren R. Patel	Thesis Defended
3	Choksi Ami T	PEC	Investigating Approaches for efficient Resource Discovery in the Semantic Web.	Prof. Devesh C. Jinwala	Thesis Defended
4	Patel Hasmukhbhai Babubhai	PEC	Modelling Analysis and Mitigation of Denial of Service Attacks.	Prof. Devesh C. Jinwala	Thesis Defended
5	Bhavesb Borisaniya	FIR	Design and Implementation of Virtual Machine Introspection based Security Framework for Cloud.	Prof. Dhiren R. Patel	Thesis Defended
6	Pandya Devang	PEC	Video Retrieval and Analysis	Dr. Mukesh A. Zaveri	Thesis Defended
7	Pawar Vaishali	PEC	Pattern Recognition	Dr. Mukesh A. Zaveri	Thesis Defended
8	Borisagar Viral H	PEC	Computer Vision and Image Processing.	Dr. Mukesh A. Zaveri	Thesis Defended
9	Surati Shivangi Keyur	PEC	Investigating approaches for optimizing Multi-Dimensional Query Search in Peer to Peer Networks.	Prof. Devesh C. Jinwala	Thesis Submitted
10	Surati Nilam A	PEC	A Code Attestation Based intrusion Detection and Prevention Mechanism for Wireless Sensor Networks.	Prof. Devesh C. Jinwala	Thesis Defended
11	Contractor Dipen P	FIR	Remote Attestation in Cloud Computing.	Prof. Dhiren R .Patel	Thesis submitted
12	Gohil Bhavesh N	PIS	Load Balancing in Cloud Computing.	Prof. Dhiren R. Patel	Research Work
13	Gohil Rakesh P	PIS	Software Engineering	Dr. S.B.Dhok , Prof. N.J.Mistry (Civil Dept., SVNIT)	–
14	Mire Archana V	FIR	Passive Digital Image Forensic	Dr. S.B.Dhok ,	Thesis

				Prof. N.J.Mistry (Civil Dept., SVNIT)	Submitted
15	Shah Kaushal Arvindbhai	FIR	Algorithms, Security in Wireless Sensor Networks and Smart Grid.	Prof. Devesh C. Jinwala	Research Work
16	Mehta Brijesh Balvantray	FIR	Big Data Privacy	Dr. Udai Pratap Rao	Research Work
17	Ruchika Gupta	FIR	Privacy in Location based services	Dr. Udai Pratap Rao	Research Work
18	J. Sathish Kumar	FIR	Clustering in Internet of Things	Dr. Mukesh A. Zaveri	Research Work
19	Bhatia Ekta Ravikumar	FSF	Computer Forensics	Prof. Dhiren R. Patel	Research Work
20	Himanshu Bhikhubhai Patel	FIR	Security Issues in Internet of Things.	Prof. Devesh C. Jinwala	Research Work
21	Domadiya Nikunj Kumar	PEC	Secure multi party computation	Dr. Udai Pratap Rao	Research Work
22	Kulkarni Amol	PEC	Investigating Issues in Software Requirement Specification.	Prof. Dhiren R Patel, Prof. Devesh C. Jinwala	Research Work
23	Saurabh Kumar Pandey	FIR	Internet of Things and Collaborative Data Processing.	Dr. Mukesh A. Zaveri	Research Work
24	Mehta Shivanshu	FIR	Security and Privacy in IoT	Prof. Devesh C. Jinwala, Prof. Dhiren R. Patel	Course Work
25	Macwan Kamal Kumar	FIR	Privacy Preservation in Social Network.	Dr. Sankita J. Patel	Course Work
26	Shah Unnati	PEC	Non Functional Requirement(NFRs), Informal to formal Representation	Prof. Devesh C. Jinwala, Dr. Sankita J. Patel	Course Work
27	Dhruti Sharma	QIP	Functional Encryption, Searchable Encryption.	Prof. Devesh C. Jinwala	Course Work
28	Padhya Mukti Bhaves	FIR- Vis.	Searchable Encryption	Prof. Devesh C. Jinwala	Course Work
29	Patel Anshuman Satishkumar	PEC- Vis.	IDS in IoT	Prof. Devesh C. Jinwala	Course Work
30	Kapuriya Yogesh Mansukhbhai	PEC- Vis.	IoT Data Analytics	Dr. Udai Pratap Rao	Course Work
31	Mahajan Rupal Sharadbhai	PEC- Vis.	Natural Language Processing	Dr. Mukesh A. Zaveri	Course Work
32	Shah Vishal Mukeshbhai	PEC	Enforcement of ABAC model in IoT	Dr. Udai Pratap Rao	Course Work

Annual Report (2015-16)

33	Kadhiwala Bintu Bharatkumar	PEC	Privacy preserving in Collaborative Data Processing	Dr. Sankita J. Patel	Course Work
34	Tidke Bharat Arun	FIR	Stream Big Data	Dr. Rupa G. Mehta	Course Work
35	More Anjali Sanjivanrao	PEC	Big Data Analytics	Dr. Dipti P. Rana	Course Work

Scholars pursuing M Tech dissertation and their details:

No.	Name of Students	Title	Research Area	Guide
1	Sanghvi Slesha Sandipkumar	Investigating Privacy Preserving Technique for Genome Data	Information security and privacy	Dr. Sankita J. Patel
2	Hitendra Maheshkumar Thakkar	Testing Automation of Intel Modems over PCIe and RPC interface	Test automation	Prof. Devesh C. Jinwala, Mr. Jigar Mehta (Intel , Bangalore)
3	Waje Rohit Gitaram	A plugin development and job creation tool for graphics test automation	Test automation	Prof. Devesh C. Jinwala, Mr. Mukesh Shrivastava (Intel , Bangalore)
4	Litun Patra	Controlling access to eHealth data efficiency using request denial cache in XACML reference architecture for ABAC	Access control	Dr. Udai Pratap Rao
5	Malviya Jayesh Vallabhbhai	Utility improving anonymity for sequential data publishing	Privacy preserving data publishing/ Big data privacy	Dr. Udai Pratap Rao
6	Aggarwal Ruchi S.	Design and development of multiservice network for Mobile satellite services	Satellite networking (Computer networks)	Dr. Mukesh A. Zaveri, Mr. Sudhir Agarwal (SAC, ISRO, Ahmedabad)
7	Patel Ekta P.	A framework to debug fabric protocol	Pre-silicon verification	Prof. Devesh C. Jinwala, Mr. Sasidhar Sunakari (Intel , Bangalore)
8	Gohil Riddhi Rameshbhai	EVS codec optimization on intel architecture	Speech Codec optimization	Dr. Mukesh A. Zaveri, Mr. Sreekanth

				Nakkala (Intel , Banglore)
9	Gandhi Rahul Dipakkumar	Performance enhancement of IRS payload evolution application in multiple CPU environment	High performance computing	Dr. Mukesh A. Zaveri, Mr. Amit Dave (SAC, ISRO, Ahmedabad)
10	Sanjay Singh	Extending app installable memory in android smartphones	Mobile cloud computing	Prof. Dhiren R. Patel, Dr. Padmaja Joshi (C- DAC, Mumbai)
11	Risabh Kumar Patel	Distributed clustering and data monitoring on mobile platform in wireless sensor network	Wireless sensor network	Dr. Mukesh A. Zaveri
12	Hullash Jangir	Sentiment and similarity analysis of tweets in distributed environment	Data mining	Dr. Dipti P. Rana, Dr. Rupa G. Mehta
13	Durgesh Limbraj Waghmare	Android Display Validation	Android Graphics/ Display	Dr. Sankita J. Patel
14	Karumanchi Davis	A novel approach to infer closed itemsets in distributed environment	Data mining	Dr. Dipti P. Rana, Dr. Rupa G. Mehta
15	Patel Shreyaskumar Naranbhai	Behaviour analysis in video ssurveillance systems	Computer Vision	Dr. Udai Pratap Rao, Dr. Urjaswala Vora (C-DAC, Mumbai)
16	Parmar Dilay Amarbhai	Design and implementation of communication protocols for decentralized cloudlet environment	Mobile cloud computing	Dr. Udai Pratap Rao, Dr. Padmaja Joshi (C- DAC, Mumbai)
17	Patel Hemanginiben Jashvantbhai	Blink detection in real time visual environment	Image processing	Dr. Kinjal N. Jariwala
18	Bodiwala Sunny Shaileshbhai	Optimizing test case generation in glass box testing using Bio-inspired algorithms	Software engineering	Prof. Devesh C. Jinwala

CHEMICAL ENGINEERING DEPARTMENT

The focus research areas in the department are as follows:

- Wastewater Treatment, Separation Processes (membrane separations, adsorption, electrocoagulation, etc.), Nanoscience/Nanotechnology.
- Refining and Petrochemicals Processes
- Biomass Conversions
- CO2 Capture
- H2 Storage

- **Nano materials:** Synthesis by Mechanochemical, Ball milling, Sonochemical and Microemulsion technique and application of nanomaterials as catalyst and fuel additives.
- **Green Chemistry:** Ionic liquid as a membrane or solvent & catalyst for organic synthesis, Microwave assisted organic synthesis.
- **Separation Processes:** Emulsion liquid membrane & supported liquid membrane for separation of heavy metals, hydrocarbons and bio compounds etc.
- **Wastewater Treatment:** Advanced Oxidation Process like UV treatment, Ozonation, Sonication, Microwave assisted digestion etc.
- Nanoparticles characterization and its applications
- Separation (membrane)/Sorption/ bioseparation
- Environmental Engineering
- Waste water treatment
- Biomass conversion
- Polymer Nanocomposite membrane
- Degradation of organics by oxidation
- Interfacial Engineering
- Microfluidics
- Complex Fluids
- Fuel Cells
- Polymer Composite
- Microbial Fuel Cell, Benthic Microbial Fuel Cell, Decentralization, Waste to Energy
- Ultrasound Assisted Separations
- Conventional Separations
- Polymer Processing
- CFD based modeling and simulation in slurry flow
- Utilization of waste towards valuable product
- Synthesis of Value added products
- Nanotechnology
- Photovoltaic cell
- Osmotic microbial fuel cell, Hybrid forward osmosis system, membrane preparation and characterization, antifouling and self cleaning membrane, Polymer composites
- Liquid membranes and application of ionic liquids
- Development of green extraction methods for recovering high value compounds from biomass waste, an integral concept of the bio-refinery.

Currently there are 41 Ph.D. candidates in Chemical Engineering Department.

Scholars pursuing PhD, currently and their details:

Sr. No.	Name of student	Category	Title of the Research Topic	Name of Supervisor/co-supervisors with their affiliation
1	Smitha Rajesh	PEC	Synthesis, characterization and application of <i>in situ</i> antioxidant incorporated	Dr. Z.V.P. Murthy
2	Harshad R. Patil	PEC	Applications of ionic liquids.	Dr. Z.V.P. Murthy
3	Saurabh C. Singh	PEC	Photocatalysis and self-	Dr. Z.V.P. Murthy
4	Nishtha Rathore	FIR	Pervaporation of different	Dr. Z.V.P. Murthy
5	VAISHALI UMRIGAR	PEC	Microwave assisted organic	M. Chakraborty, SVNIT
6	AKASH RAVAL	FIR	Diels Alder Condensation of Bio-mass derived Furans	-
7	Jaydeep Barad	PEC	Synthesis of Nanomaterials by Microemulsion Technique	-
8	Y. Suryawanshi	PPF	Synthesis of noble metal nanoparticles by Microwave Irradiated Solvothermal	Dr. S. Jauhari
9	Vaishali Umrigarh	PEC	Microwave assisted organic	Dr. P.A.Parikh
10	Shilpa Nandwani	FIR	Application of Ionic Liquids in Chemical Engineering	Dr S.Gupta
11	Himanshu Kohli	FIR	Separation of organic compounds by Liquid	-
12	Mr. Gaurav Mishra	FIR	Study of membrane biofouling and its control in filtration system	Dr. Mausumi Mukhopadhyay: Chemical Engineering Department (Supervisor)
13	Ms. Sonia Rajendra Prasad Lakhotia	FSS	Preparation and characterization of thin-film nanocomposite (TFN) membrane and its application for water treatment	Dr. Premlata Kumari: Department of Chemistry, SVNIT, (Supervisor) Dr. Mausumi Mukhopadhyay: Chemical Engineering Department (Co-Supervisor)
14	Mr. Dharmesh H. Sur	PEC	Study of inverse three-phase fluidized bed bioreactor in batch mode	Dr. Mausumi Mukhopadhyay: Chemical Engineering Department (Supervisor)

15	Ms. Mehali J. Mehta	PEC	Adsorptive study on Dye removal by synthesized MgO nanocrystallites	Dr. R. A. Christian: Department of Civil Engineering, SVNIT, (Supervisor) Dr. Mausumi Mukhopadhyay: Chemical Engineering Department (Co-Supervisor) Dr. N. J. Mistry: Department of Civil Engineering (Retired), SVNIT, (Co-Supervisor)
16	Raj Kumar	FIR	Study of powder flow in hopper by Discrete Element Method	Dr. Chetan M. Patel Dr. A. K. Jana
17	Sanjay Krishna	FIR	Molecular Simulation of Nanocomposites	Dr. Chetan M. Patel
18	Paritosh Agnihotri	FIR	Studies on microfluidic flow for fuel cells and other selected applications	Dr. V. N. Lad
19	Dhopte Balaji Sopanrao	FIR	Interfacial interactions of polymers in dispersions, solutions, gels and soft materials	Dr. V. N. Lad
20	Satish Rikame	PEC	Metals and energy recovery from wastewater using microbial fuel cell	Dr. Alka A. Mungray Dr. Arvind Mungray
21	Priyakant Pushker	FIR	Performance enhancement of microbial fuel cell	Dr. Arvind Mungray
22	Om Prakash	PPF	Application of benthic microbial fuel cell for sensors	Dr. Arvind Kumar Mungray Dr. Alka A. Mungray
23	Chetan Sharma	FIR	Registered for PhD	Supervisor, Dr. Sanjaykumar R. Patel
24	Nitu Kumari	FIR	Registered for PhD	Supervisor, Dr. Sanjaykumar R. Patel
25	Arunkumar M.Patel	PEC	Registered for PhD	Supervisor, Dr. Sanjaykumar R. Patel
26	Yogeshwar N. Thakare	PEC	Investigation of liquid-solid expanded beds for adsorptive separation and catalytic reactions	Dr. A. K. Jana

Annual Report (2015-16)

27	Raj Kumar	FIR	Analysis of powder flow using Discrete Element Method	Dr. A. K. Jana Dr. C. M. Patel
28	Girish D. Vegad	PEC	Modelling and simulation in slurry flow	Dr. A. K. Jana, SVNIT
29	Thakker Miral R.	PEC	Studies on extraction of essential oil from Palmarosa	Dr. Meghal A. Desai and Dr. Jigisha K. Parikh
30	Chetan Sharma	FIR	A study on ultrasound assisted crystallization of	Dr. Sanjay R. Patel and Dr. Meghal A. Desai
31	Piyush Modi	PEC	Application of Neoteric Solvents towards Solubilization and Extraction	Dr. Meghal A. Desai and Dr. Jigisha K. Parikh
32	Krishna Solanki	FIR	Synthesis and Characterization of Novel Catalytic System towards Value Added Chemicals	Dr. Jigisha K. Parikh and Dr. Meghal A. Desai
33	Sidhdhant Patel	FIR	Nanomaterials preparation and its applications for solar	---
34	Nitukumari Zha	FIR	Thin film preparation, characterization and its	Dr. Sanjay R. Patel
35	Satish Rikame	PEC	Metals and energy recovery from wastewater using microbial fuel cell	Dr. Alka A. Mungray Dr. Arvind Mungray
36	Pankaj pardeshi	FIR	Desalination and energy generation using osmotic	Dr. Alka Mungray
37	Om Prakash	PPF	Application of benthic microbial fuel cell for sensors	Dr. Arvind Kumar Mungray Dr. Alka A. Mungray
38	Ms Nandwani Shilpa Kulbhushan	FIR	Application of ionic liquids in chemical engineering.	Dr. Smita Gupta Dr. Mousumi Chakraborty
39	Sanjay Kumar Srivastava	PEC	Catalytic upgradation of bio-oil model components towards transportation fuels and chemicals	Dr. J. K. Parikh, Associate Professor, ChED, SVNIT, Surat (On deputation as Scientist G, SERB, DST, New Delhi)
40	Chandrabhushan T. Pal	FIR	Studies on extraction of phenolic antioxidants from fruit and vegetable wastes	--
41	Prajapati Rahul V.	PEC	Studies on photocatalytic degradation of organic pollutants	Dr. J. K. Parikh, Associate Professor, ChED, SVNIT, Surat (On deputation as Scientist G, SERB, DST, New Delhi)

CIVIL ENGINEERING DEPARTMENT

The focus research areas in the department are as follows:

- Noise pollution, modelling and health impacts
- Air pollution modelling
- Solid waste, landfill site, treatment options and health impacts
- Low cost water treatment technologies
- Advanced waste water treatment techniques
- Hydrologic Modeling and Hydrodynamic Modelling,
- Fluvial Hydraulics
- Reservoir Operation Modeling
- Morphological study of river basin
- Environmental Hydraulics
- Impact of Climate Change on Water Resources
- Traffic engineering
- Traffic planning
- Pedestrian flow modelling
- Travel behavior characteristics
- Highway engineering and design
- Road design and materials
- Urban design and planning
- Heritage conservation and planning
- Geo-spatial applications in urban planning
- Urban sprawl modelling
- Housing location choice behavior
- Urban transportation planning
- Infrastructure management and planning
- Urban governance
- Slum rehabilitation

Currently there are 62 Ph.D. candidates in Civil Engineering Department.

Scholars pursuing PhD, currently and their details:

No.	Name of Student	Category	Topic	Research Area	Guide	Status
1	Bipin J. Batliwala		Modernization of Canal System	Water Resources Engineering	Dr. P D Porey Dr. J N Patel	Writing Thesis
2	Viraj Loliyana		Development of distributed rainfall-runoff model	Water Resources Engineering	Dr. P L Patel	Research Work
3	Ms. Nishi Bhuvandas		Identification of precipitation trend and multi-site down scaling in Tapi Basin	Water Resources Engineering	Dr. P L Patel Dr. P V Timbadiya Dr. P D Porey	Research Work
4	Priyank Sharma	FIR	Real time reservoir operation for multipurpose reservoir system	Water Resources Engineering	Dr. P L Patel Dr. V Jothiprakash, IIT Bombay	Course Work
5	Ms. Radhika Yagnik		Impact of climate change on water resources of Tapi Basin	Water Resources Engineering	Dr. P L Patel	Research Work
6	Ms. Soumita Bid	PEC	Numerical modelling of Environmental Hydraulics	Water Resources Engineering	Dr. P L Patel Dr. R A Christian	Research Work
7	Ms. Namrata Jajoo		Real time rainfall runoff modelling	Water Resources Engineering	Dr. P V Timbadiya Dr. P L Patel	Research Work
8	Hasmukh N. Patel		Application of Hydroinformatics in Integrated Water Management for Kalpasar Project.	Water Resources Engineering	Dr. V. L. Manekar Dr. P. D. Porey	Research Work
9	Ramkrushna Kajale		To be decided	Water Resources Engineering	Dr. V. L. Manekar	Research Work
10	Harshul K. Parekh		Criteria for performance based ranking of Civil Engineering Projects	Water Resources Engineering	Dr. S. M. Yadav, Dr. K. D. Yadav	Writing Thesis

Annual Report (2015-16)

11	Ms.P.M.Baria	PEC	Extreme rainfall non stationary investigations for Tapi basin	Water Resources Engineering	Dr S M Yadav	RPS-1
12	Ms.Priti V.Ramkar	FIR	Hydrological Modelling	Water Resources Engineering	Dr S M Yadav	Credit Seminar
13	B. R Joshi	PEC	Estimation of sediment yield for Middle Tapi Basin	Water Resources Engineering	Dr S M Yadav	Credit Seminar
14	Ms. Sahita I Waikhom	PEC	Sediment Transport of Alluvial Rivers	Water Resources Engineering	Dr S M Yadav	RPS-2
15	Bhargav P. Majmundar	PEC	Estimation of evaporation losses from Dharoi reservoir	Water Resources Engineering	Dr. J.N. Patel	Research work
16	Akshay R. Thorvat	PEC	Development of synthetic unit hydrograph for upper Kumbhi basin, Maharashtra, India	Water Resources Engineering	Dr. J.N. Patel	Research work
17	Manisha D. Desai	PEC	Design of storm water drainage system in conjunction with ground water recharge for Bhimrad area of Surat city (India)	Water Resources Engineering	Dr. J.N. Patel	Research work
18	Pranita N. Balve	PEC	Optimization of Multiobjective Reservoir Operating Policy	Water Resources Engineering	Dr. J.N. Patel	Research work
19	Rutuja Y. Patil	PEC	Reservoir Inflow Prediction Using WNN	Water Resources Engineering	Dr. J.N. Patel Dr. S.M. Yadav Dr. D.G. Regulwar	Research work
20	Smita R. Varade	FIR	To be decided	Water Resources Engineering	Dr. J.N. Patel	Course work
21	Pawan N. Bhavsar	FIR	To be decided	Water Resources	Dr. J.N. Patel	Course work

Annual Report (2015-16)

				Engineering		
22	Shilpesh C. Rana	PEC	To be decided	Water Resources Engineering	Dr. J.N. Patel	Course work
23	Joshi Bankimchandra Rajnikumar	PEC	To be decided	Water Resources Engineering	Dr B K Samtani Dr S M Yadav	Course work
24	Deshmukh Sanjay Rangrao	PEC	To be decided	Water Resources Engineering	Dr. V L Manekar	Course work
25	Pawar Sangita Vilas	PEC	To be decided	Water Resources Engineering	Dr. P L Patel	Course work
26	S. R Resmi Saseendran.P	PPF	To be decided	Water Resources Engineering	Dr. P L Patel Dr. P V Timbadiya	Course work
27	Pasupuleti Laxminarayan Babji	FIR	To be decided	Water Resources Engineering	Dr. P L Patel Dr. P V Timbadiya	Course work
28	Rathod Praveen Shankar	FIR	To be decided	Water Resources Engineering	Dr. V L Manekar	Course work
29	Desai Rupal Arunbhai	FIR	To be decided	Water Resources Engineering	Dr. P G Agnihotri	Course work
30	Atul Kolhe		Urban Land Management for sustainable cities	Urban Planning	Dr J.E.M. Macwan Dr. K. A. Chauhan	Thesis submitted
31	Jignesh Patel		Urban Land Management for sustainable cities	Urban Planning	Dr J.E.M. Macwan	Research Work
32	Aarti Petkar		Affordable housing modelling	Urban Planning	Dr J.E.M. Macwan	Research Work
33	Digant Pastagia		Fuzzy model for sustainable residential buildings	Urban Planning	Dr J.E.M. Macwan	Research Work
34	Gujar Rajesh		Application of alternative filler in	Urban	Dr. Krupesh A.	Research Work

Annual Report (2015-16)

			micro surfacing for flexible pavement	Planning	Chauhan	
35	Rajesh Pandya		Developing sustainable public transportation system in relation to urban form and transit accessibility: A metropolitan case study	Urban Planning	Dr. B. K. Katti	Thesis submitted
36	Leena Garg		Residential settlement behaviour and sustainable housing strategies: A case study of newly expanded city area	Urban Planning	Dr. B. K. Katti	Thesis submitted
37	Tripathy Partha	FIR	To be decided	Urban Planning	Dr K A Chauhan Dr (Mrs) A K Khambete	Course work
38	Mrs.Shefali Manish Shah		Assessment of ground water quality of Vadodara	Environmental Engineering	Dr. N J Mistry	Research work
39	Mrs. Mehali J. Mehta		Development and characterization of polymer blend NANO composite membranes for wastewater treatment	Environmental Engineering	Dr. R. A. Christian, Dr. M. Mukhopadhyay, Dr. N. J. Mistry	Research work
40	Mrs. Tandra Banerjee		Air pollution modelling	Environmental Engineering	Dr. R. A. Christian	Research work
41	Makwana Abhipsa Rajiv		To be decided	Environmental Engineering	Dr M Mansoor Ahammed	Research work
42	Dayanand Sharma	FIR	Co-composting of flower waste	Environmental Engineering	Dr K D Yadav	Research work
43	Neelam Sharma	FIR	Pilot scale study on greywater treatment	Environmental Engineering	Dr K D Yadav Dr (Mrs.) N D Jariwala	Research work

Annual Report (2015-16)

44	Chitnis Karishma Ashishbhai	PEC	To be decided	Environmental Engineering	Dr (Mrs) A K Khambete	Course work
45	Mendhe Apeksha Adesh	FIR	To be decided	Environmental Engineering	Dr N J Mistry Dr R A Christian	Course work
46	Randhavane Shrikant Bhausahab	FIR	To be decided	Environmental Engineering	Dr (Mrs) A K Khambete	Course work
47	Sonaviya Dipeshkumar Ratilal	FIR	To be decided	Environmental Engineering	Dr B N Tandel	Course work
48	Yadav Manoj Mansing	FIR	To be decided	Environmental Engineering	Dr B N Tandel	Course work
49	Kapadia Drashti Viral	PEC	To be decided	Environmental Engineering	Dr. (Mrs.) N D Jariwala N J Mistry	Course work
50	Verma Preeti S.	PEC	To be decided	Environmental Engineering	Dr. R. A. Christian	Course work
51	Mr. Debashish Basak		Urban quality of life modeling in Indian context	Transportation Engineering & Planning	Dr. Gaurang Joshi	Thesis submitted
52	Ms. Nipa Desai		Mode shift behaviour study with respect to public transportation	Transportation Engineering & Planning	Dr. Gaurang Joshi	Research work
53	J.P. Mandawara		Flexible pavement in cold climate	Transportation Engineering & Planning	Dr. Rakesh Kumar Dr. N.C. Shah	Research work
54	Anurag Tiwari		Decision support system for national highway construction management	Transportation Engineering & Planning	Dr. Rakesh Kumar Dr. N.C. Shah	Research work
55	Sabyasachi Roy		Spatio-temporal accident prediction model for Indian national highways	Transportation Engineering & Planning	Dr. Rakesh Kumar Dr. N.C. Shah	Research work

56	Ms. Trivedi Jyoti Snehal		Online quality control of flyash for road construction and building industries	Transportation Engineering & Planning	Dr. Rakesh Kumar	Research work
57	Chaudhari Avinash Ramrao	PEC	To be decided	Transportation Engineering & Planning	Dr S S Arkatkar Dr G J Joshi	Course work
58	Patkar Manish Halkeprasad	PEC	To be decided	Transportation Engineering & Planning	Dr Ashish Dhamaniya	Course work
59	Patel Pinakin Narayanbhai	PEC	To be decided	Transportation Engineering & Planning	Dr Ashish Dhamaniya	Course work
60	Khan Asir Vali Mohd.	PEC	To be decided	Transportation Engineering & Planning	Dr Ashish Dhamaniya Dr S S Arkatkar	Course work
61	Navandar Yogeshwar Vijay kumar	FIR	To be decided	Transportation Engineering & Planning	Dr Ashish Dhamaniya	Course work
62	Chepuri Akhilesh Laxmanrao	FIR	To be decided	Transportation Engineering & Planning	Dr S S Arkatkar Dr G J Joshi	Course work

APPLIED PHYSICS DEPARTMENT

The focus research areas in the department are as follows:

- Upper Atmospheric Science
- Earthquake Prediction
- GPS Technology
- Nano Materials
- Condensed Matter Physics
- Strongly Correlated Electronic Materials
- Topological quantum nano Materials
- Biological Materials
- High Energy Physics
- Hadron Spectroscopy
- Crystal growth
- Thin Films
- Photovoltaic Materials
- Semiconductor Optoelectronic Devices
- Advanced Materials

<ul style="list-style-type: none"> • Computational Nanoscience • 2D Materials • Nanofluids • Density Functional Theory • Atomic Clusters • Nanostructures Chemical & Materials Physics
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Currently there are 22 Ph.D., 17 M.Sc. candidates in Applied Physics Department

Scholars pursuing PhD, currently and their details:

No.	Name of Students	CAT	Topic	Guide	Status
1.	TinwalaHozefaJuzer	FIR	Synthesis of $\text{La}_2\text{Ce}_2\text{O}_7$ nanoparticles and its characterization.	Dr. D.V. Shah	Writing Thesis
2.	YadavKunvar	FIR	A Study on possible precursory signatures of earthquake in land, ocean and ionosphere	Dr. K. N.Pathak	Thesis Submitted
3.	ShastriNiket V.	PEC	Studies on Atmospheric Water vapor	Dr. K. N.Pathak	Ongoing research
4.	DeshmukhRao	PEC	Deposition of Zinc Oxide thin films using chemical bath deposition method.	Dr. V. A. Kheraj	Ongoing research
5.	SharmaRajeshO.	FIR	Structure & dynamics of Low dimensional quantum systems	Dr. L. K. Saini	Ongoing research
6.	Rathuad Dharmesh	FIR	Study of Exotic Hadrons	Dr. A. K. Rai	Ongoing research
7.	Shah EshaV.	FIR	DFT Study atomic cluster	Dr. D. R. Roy	Ongoing research
8.	KherVirendrasinhH.	PEC	Properties of heavy-light flavoured mesons	Dr. A. K. Rai	Ongoing research
9.	KumarVipin	FSF	Development of novel nano materials	Dr. D. R. Roy	Ongoing research
10.	ShaikhIsrarAhmed	PEC	Nanoparticles for Drug Delivery system	Dr. D.V. Shah	Ongoing research
11.	Deobrat Singh	FRS	Novel 2D Materials	Dr. Y. A. Sonvane	Ongoing research
12.	PatelNileshkumar	FIR	Comparison of IRI derived Ionospheric parameters with observed ones	Dr. K. N.Pathak	Ongoing research

Annual Report (2015-16)

13.	Shah Zalak Urjit	PPF	Study of Heavy Flavoured mesons	Dr. A. K. Rai	Ongoing research
14.	AditiToshniwal	FRS		Dr. V. A. Kheraj	Ongoing
15.	Bhagwati Prasad	PPF	Strongly Correlated electronic materials, topological quantum nano materials	Dr. L. K. Saini	Ongoing research
16.	HiteshChauhan	PEC		Dr. V. A. Kheraj	Ongoing research
17.	MistryPratikN.	PEC	Scintillation studies using COSMIC	Dr. K. N.Pathak	Ongoing research
18.	ShivamKansara	FSF	Fundamentals of Density functional theory	Dr. Y. A. Sonvane	Ongoing research
19.	Janki Shah	FSF	Synthesis & characteristics methods of Nanoparticle	Dr. Y. A. Sonvane	Ongoing research
20.	Bhumika K. Sharma	FSF	Nonotoxicity of green synthesis metal oxide nano-particle	Dr. D.V. Shah Dr. D. R. Roy	Ongoing research
21.	RaghavChaturvedi	PEC		Dr. A. K. Rai	Ongoing research
22.	Vishva M.Jain	PEC	Transition metal	Dr. D.V. Shah	Ongoing

Scholars pursuing M.Sc dissertation and their details:

No.	Name of Students	Title	Research Area	Guide
1	Sindhurathantharama Hegde	Inference of solar surface flows by time distance herioseismology	Solar Physics	Dr. K. N. Pathak
2	Abhishek Yadav	Analysis of foding in wireless communication and channel estimation technique	Condensed Matter Physics	Dr. L. K. Saini
3	Hina Patel	Fabrication of nickel cobaltite nanoparticles and its characterization for application of pseudo- capacitor.	Nanoparticles	Dr. D. V. Shah
4	Kaptan Rajput	Application bared study of 2D monolayers using Density functional thery	2D Materials	Dr. Y. A. Sonvane
5	Kriti Pradhan	A comparative study on the different phases (wurtzite, Zinc Blence, Rock Salt, Nickle Arsenaide and Cesume chloride) of Indium Xlitrde: A DFT Investigsation	Material Physics	Dr. D. R. Roy

6	Shivam Joshi	Design, Development and calibration of surface photovoltage set-up		Dr. V. A. Kheraj
7	Parinay Mahakur	Ring diagram analysis of the characteristics of solar oscillations modes in active region and quiet region	Solar Physics	Dr. K. N. Pathak
8	Shakti Singh	Quantum Magnetism Analysis Tool	Condensed Matter Physics	Dr. L. K. Saini
9	Dhaval Jariwala	Neutron Star structure and equation of state	Cosmology	Dr. K. N. Pathak
10	Sagar Pastagiya	Study of Ionospheric TEC from GPS observations and comparisons with IRI – 2012 model in the Brazilian region	Space Science	Dr. K. N. Pathak Dr. Y. A. Sonvane
11	Anubha Agrawal	Synthesis and optimization of absorber layer of tin perovskite solar cell		Dr. V. A. Kheraj
12	Pooja Kalariya	Functionalization of single walled carbon nanotubes with carboxylic and Amino groups.	Nanoparticles	Dr. D. V. Shah
13	Gaurang Javiya	Novel Bilayer semiconductors from Aluminium Pnictide series: A DFT Investigation	Material Physics	Dr. D. R. Roy
14	Twinkal Patel	Spectroscopy of D, Ds, B and Bs mesons		Dr. A. K. Rai
15	Chetna Patel	Development of electrical characterization setup for silicon solar cells		Dr. V. A. Kheraj
16	Alok Lath	Development of photoluminescence measurement setup for thin films	Condensed Matter Physics	Dr. L. K. Saini Dr. V. A. Kheraj
17	Mehul Shiroya	Fabrication & performance of Large resistive plate chamber		Dr. A. K. Rai

APPLIED CHEMISTRY DEPARTMENT

The focus research areas in the department are as follows:

- Heterogeneous catalysis
- Ion exchange
- Waste water treatment
- Medicinal Chemistry
- Polymer synthesis for some specialty applications,
- Bio fuel synthesis
- Novel organic synthesis.
- Nanosensors, plasmonic particles and drug delivery

- Extraction of natural products
- Computational Chemistry
- Supramolecular Chemistry
- Corrosion
- Ionic Liquids
- Dyes
- Nanomaterials and nanotechnology
- Biomaterials
- Thermodynamics and Solution Chemistry
- Biomass Dissolution and Application
- Surfactants
- Development of novel solvents (ionic liquids) and their application in various fields including Chemical Thermodynamics, Solution Chemistry, Surface Chemistry and Cellulose Chemistry.
- Ionic Liquids as novel Surfactant Systems.
- Carbohydrate Chemistry including Cellulose Chemistry.
- Chemical Thermodynamics and Solution Chemistry of pure and multi-component liquid mixtures.
- Organic Framework on Nanomaterials and Nanosensors
- Proteomics, Mass Spectrometry, and Miniaturized Solvent Extraction
- Carbon Dots as Fluorescent Imaging Probes and Drug Delivery
- Nanomaterials for Biomarkers Detection
- Development of cutting cost technology for Biofuel synthesis from non-traditional feedstocks.
- Polymer synthesis for specialty applications.
- Organic synthesis of bioactive compounds.
- Catalysts Synthesis and characterization (mainly micro and mesozeolites)
- Synthesis and characterization of ion exchange materials (mainly zeolites and tetra valent metal acid salts) and their applications in waste water treatment; Thermodynamics and kinetics of ion exchange
- Applications of catalytic materials in organic transformations (mainly multicomponent reactions for the synthesis of biologically active molecules and esterification reactions) and in the biodiesel production from waste oil feed stock
- Applications of ionic liquids in water treatment
- Supercritical water technology

Currently there are 26 Ph.D. and 14 M.Sc candidates in Applied Chemistry Department.

No.	Name of Students	CAT	Topic	Guide	Status
1	Yogeshwar Suryawanshi	FRS	Synthesis of noble metal nano particles by microwave irradiated solvothermal technique and their catalytic applications.	Dr. Smita Jauhari, Dr. Mousmi Chakraborty	Thesis submitted

Annual Report (2015-16)

2	Ashish Raychura	FIR	Polymer Science	Dr. Smita Jauhari, Dr. Bharat Z Dholakiya	Research work
3	Ashvin Gangani	FIR	Natural products chemistry	Dr. Premlata Kumari, Dr. Smita Jauhari	Course work
4	Azaz Kureshi	FRS	Natural products chemistry	Dr. Premlata Kumari	Research work
5	Sonia .R. Lakhotia	FSF	Membrane Science	Dr. Premlata Kumari/	Research work
6	Manoj Rathod	FIR	Zeolite catalyzed multicomponent reaction for the synthesis of biologically active compounds.	Dr. Kalpana Maheria/ Dr. Suban Sahoo	Thesis submitted and under revision
7	Jenifer Gabla	FIR	Zeolite catalyzed biologically active compounds Via MCRs	Dr. Kalpana Maheria	Research work
8	Dharmesh Lathiya	FIR	Heterogeneous catalysis for biodiesel production	Dr. Kalpana Maheria/ Dr. D.V. Bhatt, MED	Research work
9	Dhara Morawala	FSF	Odd Semester: (From July 2015): i. Industrial safety and Environmental Management (NCRC 305) ii. Assignment on Introduction to porous materials Even Semester: Credit Seminars; i. Soft chemical routes for porous materials ii. Credit seminar on Introduction to IPR	Dr. Kalpana Maheria	Course work and Credit Seminars
10	Henil Lankapati	PPF	Odd Semester (from January 2016): i. Interfacial science and engineering (CH 750) ii. Credit Seminar on "An introduction to ion exchange materials and their characteristics"	Dr. Kalpana Maheria	Course work and Credit Seminar
11	Ms. Sargam Rajput	FIR	Self aggregation behavior of Ionic Liquids	Dr. Naved I Malek / Dr. Suresh Kumar	Research Work
12	Mr. Ankit Shah	FIR	Cellulose Beads for the Drug Delivery	Dr. Naved I Malek	Research Work
13	Mr. Utkarsh U More		Studies on the micellar properties of cationic gemini surfactants in the presence	Dr. Naved I Malek	Writing Thesis

			of 1-alkyl-3-methylimidazolium bromide ionic liquids in aqueous solution		
14	Mr. Zuber S Vaid		Aggregation behavior of newly synthesized 1-alkyl-3-vinylimidazolium bromide ionic liquids in aqueous solution and their micellar transition in the presence of different additives	Dr. Naved I Malek/ Dr. Arvind Kumar	Writing Thesis
15	Shilpa Bothra	PPF	Supra Molecular and Nanochemistry	Dr. Suban Sahoo	Presynopsis submitted
16	Yachana Upadhyay	FIR	Supra molecular chemistry	Dr. Suban Sahoo/ Dr. Rajender Kumar	Research work
17	Karuna Rawat	FRS	Nanoscience [Sensors]	Dr. Suresh Kumar	Thesis Submitted
18	Jignesh V Rohit	PPF	Nanoscience	Dr. Suresh Kumar	Thesis submitted
19	Ms. Bhamore Jigna Rajeshkumar (D14CY002),	FIR	Analytical Applications of nano- clusters and crystals	Dr. K. Suresh Kumar	Research work 3 rd RPS
20	Ms. Desai Mittal Lallubhai (Reg. No: D15CY002),	FSF	Metal ion-doping in nanocrystals; characterization and applications	Dr. K. Suresh Kumar	Course work
21	Mr. Jayantilal Somajibhai Makasana (Reg. No. D12CY001)	PEC	“Phytochemical Investigation of <i>Clitoria ternatea</i> , <i>Aegle marmelos</i> and <i>Centella asiatica</i> : An Important Medicinal Plants Used in Indian Traditional Medicine System (Ayurveda)”	Supervisor Dr. Bharat Z Dholakiya External Supervisor Dr. Narendra Gajbhiye	Synopsis submitted
22	Mr. Mehul Savaliya (D13CY001)	FIR	“Synthesis and characterization of biodiesel fuel prepared from different feedstocks using solid reinforced heterogeneous acid & alkali catalysts”	Dr. Bharat Z Dholakiya	Pre-synopsis completed
23	Bharat Kanoje	FSF	“Mixed Micellizationbehaviour of Conventional and Dimeric Surfactant in aqueous mixed	Dr. Ketan Kuperkar/ Dr. B.Z.Dholakiya	Research work

			solution system Detailed characterization and their Applications.”		
24	Amit Shirke	FSF	“Vegetable Oil based polymer synthesis with detailed characterization and their Applications.”	Dr. Ketan Kuperkar	Research work
25	Nimisha Singh	FIR	Nano Chemistry	Dr. Rajender Kumar/ Dr. Suban Sahoo	Research work
26	Khushbu Patel	PPF	Material Chemistry	Dr. Rajender Kumar	Research work

Scholars pursuing Msc dissertation and their details:

No.	Name of Students	Title	Research Area	Guide
1	Jagruti Sonawane	Green emission from rare earth free $K_2MgV_2O_7$ and $K_2ZnV_2O_7$ pyrovomodate synthesis characterization and photoumine sence.	Photoluminance	Dr. Smita Jauhari
2	Abhishek	Synthesis & characterization of offset printing ink based on natural renewable sources.	Natural renewable sources	Dr. Smita Jauhari
3	Neel Soni	Synthesis characterization and application of radiation curable oligomer based on natural renewable sources.	Natural renewable sources	Dr. Premlata Kumari
4	Tanu Jain	Design & synthesis of aza-polycycles under green conditions via fischer indolization.	Metasynthesis	Dr. Premlata Kumari
5	Priya Acharya	Sulfated zirconia catalyzed biodiesel production from acid oil	Heterogeneous catalysis	Dr. Kalpana Maheria
6	Jignesh Kadam	Modified zeolite catalyzed synthesis of DHPMs & DAPMs”	Heterogeneous catalysis	Dr. Kalpana Maheria
7	Snehlatha	Desing and Synthesis of Bifunctional Ligands for the treatment of pain.		Dr.Suresh Kumar
8	Kiran Rana	Unmodified gold nanoparticles as a probe for smeltaneous colohmetric detection of six pesticides.		Dr. Suresh Kumar
9	Prapendra	Characterisation of crude oil.		Dr. Bharat Dholakiya
10	Darshana Pagariya	Protein – ligand interaction and drug partitioning in micelles: Bio physical insights.		Dr. Bharat Dholakiya
11	Deepesh Barevaliya	Soya fatty acid based water reducible alkyd polyester resin used in liquid		Dr. Ketan Kuperkar

		printing ink.		
12	Sanya Zaman	Study on degradation of MDEA (Methyl diethanolamine) used in gas sweetening unit and its effect on sweetening process at ONGC Hazira plant.		Dr. Ketan Kuperkar
13	Ashish Nair	Detection of nitrite ions in water by high performance liquid chromatography using highly selective pre-column derivotization.		Dr. Rajender Kumar
14	Honey Shah	Synthesis and Evaluation of modified PAMAM dendrimers as anti bacterials and vectors for gene delivery.		Dr. Rajender Kumar

APPLIED MATHEMATICS AND HUMANITIES DEPARTMENT

The focus research areas in the department are as follows :

- Fluid Flow through Porous Media, Special Functions, Integral Transforms, Fractional Calculus, Optimization Techniques, Numerical Weather Prediction, Approximation Theory, Summability theory, Differential geometry, Variational inequalities, Positive linear operators, Mathematical Modeling and Simulation, Operation Research, Numerical solution of Differential equations, Differential Equations, Computational and Mathematical Biology, Biomathematics/ bio-computing /Bioinformatics, Data Mining, Advance Analytic & Numerical Techniques.
- Management area (in Marketing (Consumer Behavior, Branding, Green Branding, Political Branding, Retailing), Technology Innovations and Techno-Entrepreneurship, Women Entrepreneurship, Strategy, Supply Chain Management mainly) and caring out research by handling research projects etc.
- Indian English Fiction, Post-colonial fiction and Communication Skills.

Currently There Are 38 Ph.D., 8 M.Sc. Desertation candidates in Applied Mathematics and Humanities Department.

Scholars Pursuing Phd, Currently and Their Details:

No.	Name Of Students	Cat	Topic	Guide	Status
1	Jignesh P. Chauhan	FIR	Mittag-Leffler Function And Fractional Calculus	Dr. A. K. Shukla & Dr. R. K. Jana	5 th RPS Completed
2	Bhumika V. Maheshwari	PEC	Generalized Hypergeometric Functions	Dr. R. K. Jana & Dr. A. K. Shukla	5 th RPS Completed
3	Rakesh L. Das	FIR	Inventory Problems	Dr. R. K. Jana	5 th RPS Completed

Annual Report (2015-16)

4	Hiren S. Lekhadiya	FIR	Data Assimilation	Dr. R. K. Jana	4 th RPS Completed
5	Trushit Patel	FIR	Heat And Mass Transfer	Dr. R. Meher	Writing Thesis
6	Hardik Patel	FIR	Fluid Flow Through Porous Media	Dr. R. Meher	Writing Thesis
7	Vimal Gohil	PEC	Fluid Flow Through Porous Media	Dr. R. Meher	Research Work
8	Nirav Patel	PEC	Fluid Flow Through Porous Media	Dr. R. Meher	Research Work
9	Jyoti Chandwani	PEC	A Study Of Women Entrepreneurship In Fashion Industry In Textile Sector Of Surat, India	Dr. H.P. Bulsara, SVNIT & Dr. Shailesh Gandhi, IIM-A	Completed And Notification Declared
10	Hiren Patel	PEC	A Study On Measurement Of Green Supply Chain Performance For Textile Industry Of Surat, India	Dr. H.P. Bulsara, SVNIT	Completed And Notification Declared
11	Heta Desai	FIR	A Study Of The Impact Of Ethnicity On Consumer Demeanor On Financial In Surat, India	Dr. H.P. Bulsara, SVNIT	Thesis Submitted
12	Kshitij Trivedi	FIR	Retailing Of Fruits And Vegetables In India	Dr. H.P. Bulsara, SVNIT	Pre - Synopsis Seminar Completed
13	Meenu Shant Priya	PEC	A Study On Green Functions And Green Branding In Indian Car Industry	Dr. H.P. Bulsara, SVNIT	Completed And Notification Declared
14	Alok Kumar	PEC	Public Private Partnership(Ppp) Model Projects With Traditional In Highway Infrastructure Development In India	Dr. H.P. Bulsara, SVNIT, Dr. Rakesh Kumar, SVNIT And Dr. Krupesh Chauhan, SVNIT	Pre – Synopsis Seminar Completed, Synopsis Completed And Final Thesis Writing Is Going On
15	Priyanka Kumari	FSF	Corporate Entrepreneurship & Knowledge Management	Dr. H.P. Bulsara, SVNIT	Research Work
16	Roshni Singh	PEC	Political Branding	Dr. H.P. Bulsara, SVNIT	Research Work
17	Nidhi Yadav	PEC	Consumer Behavior Towards Ayurvedic Medicine	Dr. H.P. Bulsara, SVNIT	Research Work
18	Mrs. Nisha Parmar	FIR	Calcium Diffusion In Myocyte Cell	Dr. Neeru Adlakha	Research Work
19	Mrs. Yogita Jagtap	PEC	Calcium Diffusion In Hepatocyte Cell	Dr. Neeru Adlakha	Research Work
20	Pandit Dhiren	PEC	Behavior Reorganization	Dr. Jayesh Dhodiya	

Annual Report (2015-16)

21	Patel Yogeshwari F.	PEC	Mathematical Modeling	Dr. Jayesh Dhodiya	Pre - Synopsis Seminar Completed
22	Patel Jignasha G.	PEC	Optimization	Dr. Jayesh Dhodiya	5 th Rps Completed
23	Tailor Anita Ravi	FIR	Optimization	Dr. Jayesh Dhodiya	Pre - Synopsis Seminar Completed
24	Rekh Riddhi K.	PEC	Optimization	Dr. Jayesh Dhodiya	2 nd Rps Completed
25	Jaydeep Sosa	FIR	Optimization	Dr. Jayesh Dhodiya	1 st Credit Seminar Completed
26	Patel Priyankaben Maheshbhai	FIR	Exact Travelling Wave Solutions To Some Nonlinear Equations B Modified F-Expansion Method	Dr. V. H. Pradhan	Thesis Submitted
27	Borana Ravindra Narayan	PEC	Numerical Solution Of Single And Double Phase Flow In Porous Media	Dr. V. H. Pradhan & Dr. M. N. Mehta	Thesis Submitted
28	Desale Satish Vasantao	PEC	Numerical Solution Of Boundary Layer Flow Equations Along A Flat Plate By Keller Box Method	Dr. V. H. Pradhan	Thesis Submitted
29	Bhadane Premkiran Gopal	PEC	Approximate Analytical Solution By Elzaki Transform Homotopy Perturbation Method Of Some Non-Linear Equations Arising In Fluid Flow Through Porous Media	Dr. V. H. Pradhan	Thesis Submitted
30	Daga Amruta	PEC	Application Of Variational Homotopy Perturbation Method To Non-Linear Equations Arising In Stream Aquifer Interaction Problems	Dr. V. H. Pradhan	Thesis Submitted
31	Patel Asmita	FIR	Application Of HARR Wavelet Method To One Dimensional Contaminant Transport Equations	Dr. V. H. Pradhan	Thesis Submitted
32	Pathak Shrikant P. (D13MA006)	FIR	Approximate Solution Of Non Linear Problems Arising In Fluid Flow Thorough Porous Media By Laplace Transform By Homptopy Analysis Method.	Dr. Twinkle R. Singh	Pre-Synopsis Seminar Is Completed

Annual Report (2015-16)

33	Kunjan N. Shah (D13MA003)	PEC	Solution Of Burger's Equation Arising In Fluid Flow Through Porous Media By Modified Ham.	Dr. Twinkle R. Singh	Five Research Progress Seminars Are Completed.
34	Choksi Bhumika G.	FIR	To Be Decided	Dr. Twinkle R. Singh	Three Progress Seminars Are
35	Mihir Panchal	PEC	To Be Decided	Dr. Twinkle R. Singh	He Has Completed His Three Credit Seminars In Two Semesters Of First Year.
36	Subhanshu Goyal	PEC	Image Processing	Dr. Sushil Kumar, Dr. A. K. Shukla, Dr. M. A. Zaveri	Research Work
37	Vijay Saw	FIR	Spectral Method For Differential Equations	Dr. Sushil Kumar	Research Work
38	Hitesh Banshu	FIR	Mesh-Free Method For PDES	Dr. Sushil Kumar	Research Work

Scholars Pursuing M.Sc. Dissertation and Their Details:

No.	Name Of Students	Title	Research Area	Guide
1	Ankit Agarwal	Some Study On Time Series Analysis And Forecasting.	Mathematical Sciences	Dr. R. K. Jana
2	Karan Patel	Adomian Decomposition Method And Its Applications To Real World Problems.	Fluid Dynamics	Dr. R. Meher
3	Aliasgar Shabbir Udaipurwala	Numerical Model To Study Effect Of Clothing On Temperature Distribution In Human Peripheral Regions	Bio Mathematics	Dr. Neeru Adlakhia
4	Gajjar Vishnu Rajendrabhai	A Study On Multi Objective Solid Transportation Problem	Operation Research	Dr. Jayesh M Dhodiya
5	Chirag B. Patel (I11MA028)	Approximation Properties Of The Modification Of Durrmeyer Type Q-Baskakov Operators Which Preserve X^2	Approximation Theory	Dr. V.N. Mishra
6	Patel Ankitkumar Vijaybhai	Numerical Methods	Numerical Methods	Dr. V. H. Pradhan
7	Pathak Bhumi	Study on Mathematical Modeling and its application	Differential Equation	Dr. Twinkle R. Singh
8	Aishwaryarath	A Thermo-Mechanically Consistent Burnett Regime Continuum Flow Equations	Fluid Mechanics	Dr. Sushil Kumar, Dr. Amit

				Agrawal (IIT - Bombay)
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APPLIED MECHANICS DEPARTMENT
The focus research areas in the department are as follows :
<ul style="list-style-type: none"> • Sub Soil Characteristics • Predictions in Geotechnical Engineering • Ground Improvement

Currently There Are 42 Ph.D. candidates in Applied Mechanics Department.

Scholars pursuing PhD, currently and their details:

Sr.No.	Name of Student	Title of dissertation	Research Area	Guided by
1	PATEL HARSHULKUMAR ANILBHAI	Performance based evaluation of seismic response of reinforced concrete building	Structural Engineering	Dr. Sandip A. Vasanwala
2	AGRAWAL AKSHAY		Structural Engineering	
3	PATEL VISHAL HASMUKHBHAI	Different structural configuration for load transfer at elevation offset in	Structural Engineering	Dr. Atul K. Desai
4	PIYUSH JAIN	Experimental studies of self compacting concrete using fly ash	Structural Engineering	Dr. C. D. Modhera
5	BRIJENDRA BAGLA	Strengthening of RCC column by wire mesh jacketing	Structural Engineering	Dr. G. R. Vesmawala
6	PRATEEK NAGAR	Comparative study of raft foundation considering soil behaviour	Structural Engineering	Dr. Sandip A. Vasanwala
7	PRAVEEN HUDED M	Seismic hazard estimation for Mumbai city using extended	Structural Engineering	Shri. S. R. Suryawanshi
8	CHINTHALAPALLI SUDHAKAR REDDY	An experimental study on mechanical properties of concrete by using basalt and glass fiber	Structural Engineering	Dr. Y. D. Patil

Annual Report (2015-16)

9	KANSWA JINAY CHANDMAL	Strength and durability behaviour of concrete containing glass and crushed concrete waste	Structural Engineering	Dr. B. K. Vendhan
10	SHINDE TUSHAR NANDKUMAR SHASHIKALA	Understanding Behaviour of Structural Elements Through Physical Model	Structural Engineering	Dr. H S Patil
11	CHINCHOLI VINOD RUDRAPPA	Slenderness effect on Structural Response of RC chimneys: Appraisal of Code Provisions	Structural Engineering	S R Suryawanshi
12	MODI TWINSY PRAKASHKUMAR	Computational fluid dynamics (CFD) of tall buildings	Structural Engineering	Dr. Atul K. Desai
13	TALELE EKNATH SANDIP SHINDU	Physical Modeling of Structural Elements	Structural Engineering	Dr. H S Patil
14	HONMUTE SOURABH VIJAYKUMAR	Evaluation of response reduction factor for ductile RC frame	Structural Engineering	Dr. Sandip A. Vasawala
15	AKSHAY CHAUDHARI		Structural Engineering	
16	GELANI AJAY LAKHABHAI	Parametric study of hyperbolic cooling tower by computational fluid dynamic	Structural Engineering	P14ST016
17	PATEL TEJAL RAMESHBHAI GEETA		Structural Engineering	
18	MAHESH CHANDRA	Fabrication of bio stone	Structural Engineering	Dr. B. Kondraivendhan
19	ABHIJIT SIDHARTH KAWALE	Effect of headed bars on anchorage strength in pullout test	Structural Engineering	Dr. Y. D. Patil
20	GAWANDE RUPESH DEORAO	Experimental study on effect of aggregate size and shape on strength and rheological properties of concrete	Structural Engineering	Dr. S. N. Desai
21	TRIPATHI ROHIT RAJESHKUMAR		Structural Engineering	
22	GOVINDA	Physically Touching the	Structural	Dr. H S Patil

Annual Report (2015-16)

	NAWAL	Concepts of Structural Engineering	Engineering	
23	BILIMORIA PRATIK ARVINDKUMAR	Blast resistant design of RC frame structure	Structural Engineering	A. J. Shah
24	PATEL JALDIPKUMAR JAYANTIBHAI	Experimental study on glass powder as partial replacement of cement in concrete	Structural Engineering	Dr. D. B. Raijiwala
25	RATANPARA JAYKUMAR MANSUKHLAL	A study on repair, rehabilitation and retrofitting of historic buildings	Structural Engineering	Prof. Ashok J. Shah
26	Ankush Dhanai	Model Tests On A Group Of Pervious Concrete Piles And Composite Piles In Soft Clay	Soil Mechanics and Foundation Engineering	Dr. S Kumar & J B Patel
27	Sakshee Gupta	Behaviour Of Steel Fibre Reinforced Concrete Slabs On Different Subgrade Soils Using Numerical Methods	Soil Mechanics and Foundation Engineering	J B Patel & Dr. Y D Patil
28	Abhishek Bhagwati Raturi	Model Tests On A Group Of Pervious Concrete Piles And Composite Piles In Loose Sand	Soil Mechanics and Foundation Engineering	Dr. S Kumar & J B Patel
29	Boya Manikanta Reddy	Three Dimensional Numerical Analysis On Single Geosynthetic Encased Stone Column In Layered Soil	Soil Mechanics and Foundation Engineering	Dr. S Kumar & J B Patel
30	Mariya Dayana P.J	Experimental and Numerical Studies on Replacement of Lime with GGBS for use of Copper-Slag-Fly Ash-Lime Mixes as a road base material	Soil Mechanics and Foundation Engineering	S. Patel
31	Kulkarni Sanchay	Numerical and physical	Soil	Dr. C H Solanki

	Ramchandra	modelling in tunnelling in urban environment	Mechanics and Foundation Engineering	
32	Sanoop G	Experimental and numerical studies on bearing capacity improvement of clayey soils using geosynthetic reinforced sand layer	Soil Mechanics and Foundation Engineering	S. Patel
33	Jeet K Sheth	A Study Of Slope Stability Analysis Of Embankment Supported On Geosynthetic Encased Stone Column	Soil Mechanics and Foundation Engineering	Dr. S Kumar & J B Patel
34	Srilakshmi K Nair	Spectral ratios and site amplification study of Himalayan region	Soil Mechanics and Foundation Engineering	Dr. C H Solanki
35	Dandu Shiva	Comparative Study On Different Numerical Approaches For Modeling Pervious Concrete-Stone Aggregates Composite Columns For Use In Rapid Embankment Construction.	Soil Mechanics and Foundation Engineering	J B Patel
36	Renjith. R	Intensity attenuation based seismic hazard analysis	Soil Mechanics and Foundation Engineering	S. Patel
37	Anshad Ahammad P	Model Testing Of Single Pervious Concrete And Composite Pile In Soft Clay	Soil Mechanics and Foundation Engineering	J B Patel
38	Srirama Dinesh	Behaviour of strength and	Soil	Dr. C H Solanki

		compressibility parameters of arsenic contaminated soil and its enhancement using zero valent iron nanoparticles	Mechanics and Foundation Engineering	
39	Mypati Vamsi Navya Krishna	The size and shape characterization of the soil by using Digital Image Analysis	Soil Mechanics and Foundation Engineering	Dr. C H Solanki
40	Rayi Chandra Shekhar	Experimental and numerical studies on bearing capacity improvement of soft clay using soil-lime and soil-cement group columns	Soil Mechanics and Foundation Engineering	S. Patel
41	Danusari Sunil Kumar	Effect of silica fume and lime on engineering properties of black cotton soil	Soil Mechanics and Foundation Engineering	Dr. S J Shukla
42	Master Devalkumar	Model Tests On A granular pile reinforced with basalt fibre	Soil Mechanics and	Dr. S J Shukla

5.4 Institute – Industry Collaboration

MECHANICAL ENGINEERING DEPARTMENT
<ul style="list-style-type: none"> • One (01) Senior General Manager (Mechanical) from Reliance Industries Limited, Hazira, Surat is pursuing PhD program under PEC category (Faculty: Dr. R. Venkata Rao) • Deputation of one student for M.Tech dissertation work at SCIR - NCL Pune. (Faculty: Dr. D. V. Bhatt) • Industrial Visit for M.Tech students at Goldi Green Technologies Pvt. Ltd. Surat. (Faculty: Dr. D. V. Bhatt) • 2 Expert lectures arrange on solar energy by MSME industry person. (Faculty: Dr. D. V. Bhatt) • Investigation on surface deposition by plasma transferred arc welding is going on in collaboration with KOSO India Pvt. Ltd. Nashik, Maharashtra (Faculty: Dr. V. D. Kalyankar)

ELECTRICAL ENGINEERING DEPARTMENT

- Numerous expert lectures from various personalities in the industry were also organized.
- Most of the faculty members have visited various countries abroad either to present their paper or to participate in the prestigious conferences/workshops.

ELECTRONICS ENGINEERING DEPARTMENT

- MOU (initiated by ECED) with Indian Navy in Oct 2016, ISRO in March 2016 and JAMPOT Photonics in March 2016.
- Consultancy/ Training programme with Western Railway in process.
- Research work in the various industries like ITER, ISRO, Intel.
- Students deputed for dissertation & Research work in Intel, IPR, JAMPOT photonic.
- IoT (Internet of Things) workshop conducted by Innovians Technologies.
- Total 104 students have attended internship. And Umang Yadav (U12EC030) and Tanvi Singh (U12EC121) have gone MITACS Programme Canada for internship, Mosam Dabhi have done internship at Carnegie Mellon University
- Dr. Surendra Sunda, manager (GAGAN), Airport Authority India, GAGAN Lab @SAC(ISRO) Ahmedabad in the penal of RPS and Dr. Alok Verma (SAMEER-IITB) invited for dissertation and research work.
- Technical Collaboration with Keysight Technology and Automation Systems
- Hiren Dhudha works as Researcher in IPR – ITER, Gandhinagr, India.

APPLIED MATHEMATICS AND HUMANITIES DEPARTMENT

- Dr. Hemantkumar P. Bulsara Has Been Invited To Act As An Expert Member By SMC(Surat Municipal Corporation) For “Dominant Economic Sector For Employment Generation Group” Under 100 Resilience Cities – A Project Pioneered By Rock Feller Foundation (100 RC), From May 2016.

APPLIED MECHANICS DEPARTMENT

- Dr. S. N. Desai - Ultratech sparking star Poster Presentation Competition for undergraduate student of various Engineering college student in collaboration with Ultratech cement. Dated:16th February, 2016.

APPLIED CHEMISTRY DEPARTMENT

- Dr. Kalpana Conducted Industrial visit of 4th and 5th year students of five years Integrated M.Sc. Programme in Chemistry to Nirma Chemical Industries Pvt. Ltd., Bhavnagar.

6.0 THE COUNCIL, BOG AND OTHER COMMITTEES

6.1 NIT Council

In order to coordinate activities of all NITs the Central Government has constituted NIT Council, as under:

1	Minister in charge, Ministry of Human Resource Development, Government of India	Chairman (ex-officio)
2	Secretary to the Govt. of India, Department of higher Education, Ministry of Human resource Development	Member (ex-officio)
3	The Chairperson of National Institutes of Technology located at Agartala (Tripura), Allahabad(Uttarpradesh), Bhopal(Madhya Pradesh), Calicut (Kerala), Durgapur(West Bengal), Hamirpur(Himachal Pradesh), Jaipur (Rajasthan), Jalandhar(Punjab), Jamshedpur(Jharkhand), Kurukshetra (Haryana), Nagpur(Maharashtra), Patna(Bihar), Raipur(Chattisgarh), Raourkela(Orissa), Silchar (Asam), Srinagar (Jammu &Kashmir), Surat (Gujarat), Surathkal (Karnataka),Tiruchirapalli (Tamil Nadu) and Warangal (Andhra Pradesh)	Member (ex-officio)
4	Director of every National Institute of Technology	Member (ex-officio)
5	The Chairman, University Grants Commission	Member (ex-officio)
6	The Director General, Council for Scientific & Industrial Research	Member (ex-officio)
7	Secretary, Department of Bio-Technology, Government of India	Member (ex-officio)
8	Secretary Department of Atomic Energy, Government of India	Member (ex-officio)
9	Secretary, Department of Information Technology, Government of India	Member (ex-officio)
10	Secretary, Department of Space, Government of India	Member (ex-officio)
11	Chairman, All India Council for Technical Education	Member (ex-officio)
12	Not less than three but not more than five persons to be nominated by the Visitor, at least one of whom shall be a women, having special knowledge or practical experience in respect of education, industry, science or technology	Member
13	Three members of Parliament, of whom two shall be chosen by the House of People and one by the Council of States	Member
14	Two Secretaries to the State Government of Maharashtra, from amongst the Ministries or departments of that government dealing with technical education where the Institutes are located	Member (ex-officio)

15	Financial Advisor, Ministry of Human Resource Development, Government of India	Member (ex-officio)
16	Joint Secretary to the Govt. of India(Technical)/ Additional Secretary (Technical)/ Department of Higher Education, Ministry Human Resource Development	Member-Secretary (ex-officio)

6.2 Board of Governors

1	Mrs. Jaya Panvalkar Former Senior Director and Site Leader, NVIDIA Pune Design Centre	Chairperson
2	Prof. S. K. Jain I/C. Director, SVNIT, Surat.	Member
3	Shri Sanjeev Kumar Sharma Director (NITs), Rep. of Special Secretary / Additional Secretary / Joint Secretary / Special Secretary to GOI, MHRD, Deptt. of Secondary & Higher Education, Shastri Bhavan, New Delhi.	Member
4	Shri Rajesh Singh Director (Finance), Rep. of Financial Adviser Integrated Finance Division, GOI, MHRD (Deptt. of Higher Edu), Higher Education, 'C' Wing, Shastri Bhavan New Delhi –110 001.	Member
5	Shri Naik Dinkerrai Chhotubhai R/o 11, Meghdoot Society, Nr. Police Head Quarters, Athwalines, Surat – 395 007.	Member
6	Dr. M. N. Patel Vice Chancellor, Gujarat University, Ahmedabad.	Member
7	Prof. Dipan K. Ghosh Retd. Dy. Director & Professor, IIT Bombay, Mumbai – 400 076	Member
8	Prof. (Mrs) Uma Bhattacharya Professor, Department of Computer Sci. & Tech., Bengal Engineering & Science University, Howrah.	Member
9	Prof. H. B. Naik Professor, MED SVNIT, Surat	Member
10	Dr. (Mrs.) V. A. Shah Asso. Professor, EED SVNIT, Surat	Member
11	Prof. D. P. Vakharia I/C. Registrar, SVNIT, Surat	Secretary

6.3 Members of Senate

1	Prof. S. K. Jain I/C. Director & Chairman of Senate, S. V. National Institute of Technology, Surat – 395 007. (Gujarat)	Chairman
2	Prof. D. P. Vakharia I/C. Registrar & Secretary of Senate, S. V. National Institute of Technology, Surat – 395 007. (Gujarat)	Secretary
External Members		
1	Prof. Rekha Kulkarni Department of Mathematics, IIT Bombay	
2	Prof. Amit Prashant Dean (Academic), IIT Gandhinagar	
3	Prof. Vivek Bhandari Vice Chancellor, AURO University, Surat	
Internal Members		
1	Prof. P. L. Patel Dean (Acad) & Dean (R&C), Professor in CED, SVNIT, Surat.	2 Prof. H. B. Naik Dean (SW) & Professor in MED SVNIT, Surat.
3	Dr. R. A. Christian Dean (P & D) & Asso. Professor in CED SVNIT, Surat.	4 Prof. S. M. Yadav Dean (A & RG) & Professor in CED SVNIT, Surat.
5	Dr. P. G. Agnihotri Dean (FW) & Asso. Professor in CED SVNIT, Surat.	6 Prof. C. H. Solanki Professor & Head, Applied Mechanics Dept., SVNIT, Surat.
7	Prof. J. E. M. Macwan Professor & Head in Civil Engg. Dept., SVNIT, Surat.	8 Prof. H. J. Nagarsheth Professor & Head, Mechanical Engg. Dept., SVNIT, Surat.
9	Dr. H. R. Jariwala Asso. Prof. & Head in Electrical Engg. Dept., SVNIT, Surat.	10 Prof. Z. V. P. Murthy Professor & Head, Chemical Engg. Dept., SVNIT, Surat.
11	Prof. D. R. Patel Professor & Head, Computer Engg. Dept., SVNIT, Surat.	12 Dr. J. N. Sarvaiya Asso. Prof. & Head, Electronics Engg. Dept., SVNIT, Surat.
13	Dr. (Mrs.) Premlata Kumari Asst. Prof. & Head, Applied Chemistry Dept., SVNIT, Surat.	14 Dr. Neeru Adlakha Asso. Prof. & Head, Applied Mathematics & Humanities Dept., SVNIT, Surat.

15	Dr. Vipul Kheraj Asso. Prof. & Head, Applied Physics Dept., SVNIT, Surat.	16	Prof. B. K. Samtani Professor, Civil Engineering Dept., SVNIT, Surat.
17	Prof. J. N. Patel Professor, Civil Engineering Dept., SVNIT, Surat.	18	Prof. H. S. Patil Professor, Applied Mechanics Dept., SVNIT, Surat.
19	Prof. C. D. Modhera Professor, Applied Mechanics Dept., SVNIT, Surat.	20	Prof. A. K. Desai Professor, Applied Mechanics Dept., SVNIT, Surat.
21	Prof. S. A. Vasanwala Professor, Applied Mechanics Dept., SVNIT, Surat.	22	Prof. S. A. Channiwala Professor, Mechanical Engineering Dept., SVNIT, Surat.
23	Prof. R. V. Rao Professor, Mechanical Engineering Dept., SVNIT, Surat.	24	Prof. H. K. Raval Professor, Mechanical Engineering Dept., SVNIT, Surat.
25	Prof. K. P. Desai Professor, Mechanical Engineering Dept., SVNIT, Surat.	26	Prof. D. V. Bhatt Professor, Mechanical Engineering Dept., SVNIT, Surat.
27	Prof. D. C. Jinwala Professor, Computer Engineering Dept., SVNIT, Surat.	28	Prof. P. A. Parikh Professor, Chemical Engineering Dept., SVNIT, Surat.
29	Dr. S. Kumar Asso. Dean (Acad) & Asso. Prof. in Mechanical Engineering Dept., SVNIT, Surat.	30	Dr. (Mrs.) U. D. Dalal Asso. Dean (FW) & Asso. Prof. in Electronics Engineering Dept., SVNIT, Surat.
31	Dr. Ravi Kant Asso. Dean (SW) & Asst. Prof. in Mechanical Engineering Dept., SVNIT, Surat.	32	Dr. P. V. Bhale Asso. Dean (R&C) & Asst. Prof. in Mechanical Engineering Dept., SVNIT, Surat.
33	Dr. D. A. Patel Asso. Dean (P&D) & Asst. Prof. in Civil Engineering Dept., SVNIT, Surat.		

6.4 Purchase Committee

1	Prof. S. K. Jain I/C. Director, SVNIT, Surat.	Chairman
2	Prof. S. S. Major Professor, Dept. of Physics, Indian Institute of Technology, Bombay, Powai, Mumbai – 400 076.	Member
3	Mr. P. K. Chopra Registrar, Navrachna University, Vasna Road, Vadodara.	Member
4	Prof. P. L. Patel Professor, Civil Engineering Dept., SVNIT, Surat.	Member
5	Dr. U. D. Dalal Associate Professor, Electronics Engineering Dept., SVNIT, Surat.	Member
6	Shri. B. J. Savani Dy. Registrar (A/Cs.), SVNIT, Surat.	Member
7	Prof. D. P. Vakharia I/C. Registrar, SVNIT, Surat.	Member Secretary

6.5 Finance Committee

1	Mrs. Jaya Panvalkar Hon'ble Chairperson, BoG's, SVNIT (Former Senior Director and Site Leader, NVIDIA Pune Design Centre)	Chairman
2	Shri. Sanjeev Kumar Sharma Director (NITs), Rep. of Special Secretary / Additional Secretary / Joint Secretary / Special Secretary to GOI, MHRD, Deptt. of Secondary & Higher Education, Shastri Bhavan, New Delhi.	Member
3	Shri. Rajesh Singh Director (Finance), Rep. of Financial Adviser Integrated Finance Division, GOI, MHRD (Deptt. of Higher Edn), Higher Education, 'C' Wing, Shastri Bhavan, New Delhi – 110 001.	Member
4	Prof. H. B. Naik Professor, Mechanical Engineering Dept., SVNIT, Surat.	Member
5	Dr. (Mrs.) V. A. Shah Associate Professor, Electrical Engineering Dept., SVNIT, Surat.	Member

6	Prof. S. K. Jain I/C. Director, SVNIT, Surat.	Member
7	Prof. D. P. Vakharia I/C. Registrar, SVNIT, Surat.	Member Secretary

6.6 BUILDING & WORKS COMMITTEE

1	Prof. S. K. Jain I/C. Director, SVNIT, Surat.	Chairman
2	Shri. Sanjeev Kumar Sharma Director (NITs), Rep. of Special Secretary / Additional Secretary / Joint Secretary / Special Secretary to GOI, MHRD, Deptt. of Secondary & Higher Education, Shastri Bhavan, New Delhi.	Member
3	Shri. A. K. Jain Special Director General (Retd.), CPWD, Flat 9-B, Tower-X, TGB Meghdutam Apartments, Plot F-21-C, Sector 50, NOIDA (UP) – 201 301	Member
4	Shri. P. M. Chaudhary Superintending Engineer (Civil), R&B Circle, Nanpura, Surat.	Member
5	Shri. Rajesh Bhagwani Executive Engineer (Elect.), O/O the EE (E), GCED, CPWD, Gandhinagar	Member
6	Dr. R. A. Christian Dean (P&D), SVNIT, Surat.	Member
7	Prof. D. P. Vakharia I/C. Registrar, SVNIT, Surat.	Member Secretary

7.0 CONCESSIONS FOR SCS, STS AND PWD STUDENTS, CONCESSIONS PROVIDED FOR STUDENTS

7.1 Concession details

SC, ST	-	Rs. 1200/- per month for Hosteller
	-	Rs. 550/-per month for Day Scholar
OBC	-	Rs. 750/- per month for Hosteller
	-	Rs. 350/-per month for Day Scholar
	-	Rs. 290/- per Annum Exam fees

8.0 FINANCIAL STATUS :

8.1 Analysis of Plan and Non-Plan Grants (Received) (Rs. In Lakhs)

Sources of fund	Non-Plan Grant (Recurring)					Plan Grant (Non-Recurring)				
	2011-12	2012-13	2013-14	2014-15	2015-16	2011-12	2012-13	2013-14	2014-15	2015-16
Ministry of HRD (Direct receipt)	3500.00	4200.00	4500.00	4299.52	6900.00	9500.00	3249.93	8973.75	5800.00	4500.00
DST Project/ BRNS Project	47.22	104.41	34.15	24.90	280.92	--	--	--	--	--
CSIR & Other Project	115.80	34.09	88.72	145.74	255.86	--	--	--	--	--
Tuition fee & other fee	1235.84	1470.73	1290.98	1433.99	1155.90	--	--	--	--	--
Testing/Consultancy 50% of receipt	142.80	148.80	51.47	116.10	341.28	--	--	--	--	--
Other Receipt & Rent from staff Qtrs., Bank/ Hostel/ Post Office/ Canteen	210.38	195.61	174.90	193.10	199.63	--	--	--	--	--
Total	5252.04	6153.64	6140.22	6213.35	9133.59	9500.00	3249.93	8973.75	5800.00	4500.00

NB: 1. The figure grants released by MHRD are accounted as per actual date of receipt in Annual Accounts in the respective financial year.

8.2 Sources of Fund

1. Plan

Grant-in-aid is sanctioned by the MHRD, Govt. of India

2. Non-Plan

1. Grant in aid sanctioned by the MHRD, Govt. of India
2. Tuition fee received from UG/PG/PHD students
3. Rental income from staff Quarters, Hostels, Bank and Post Office
4. Interest on FDR
5. Other Misc. receipt

8.3 Expenditure Position for the year 2015-16 (Rs. In Lakhs)

Financial Year	2011-12	2012-13	2013-14	2014-15	2015-16
Recurring (Non-Plan) Expenditure	4563.36	5560.36	6182.89	6954.13	7332.41
Non Recurring (Plan) Expenditure	8366.02	3915.63	10159.08	9347.63	8407.00
DST Projects/BRNS Projects	31.21	54.50	81.30	58.50	42.93
CSIR & Other Projects	113.84	135.14	69.08	110.65	94.80
TOTAL	13074.43	9665.63	16492.35	16470.91	15877.14

(*) Some time the excess expenditure is being spent from other income e.g. Consultancy, E.M.D. collected from contractor, Security Deposit etc. and by taking loan from Corpus Fund and the same is adjusted as and when the further Grant is released from MHRD. The entire amount so collected is deposited in the same institute bank account.

9.0 CENTRAL FACILITIES AND SERVICES

9.1 Central Computer Centre

- Central Computer Centre, one of the premium Central Learning Resource Centre of the Institute was established in 1995. It is the heart of computing resource of the institute as well as kernel of the internet connectivity of the institute. The Central Computer Centre (CCC) primarily caters to the Internet Access requirements throughout the institute as well as Campus-wide network connectivity throughout the campus (including academic & administration departments, hostels, staff quarters etc). User Account and Bandwidth are managed with the help of Cyberoam firewall. The institute has a Campus-wide fiber optic 10-gigabit network with High End Central Core switch at the Central Computer Centre. Distribution Core Switch are being utilized at primary distribution center which caters approximate 1000 connections each. Such primary distribution centers are at GajjarBhavan, BhabhaBhavan, Mother TerasaBhavan, SwamiVivekanandBhavan etc. Almost the entire campus is covered by LAN.
- Wireless connectivity has already been deployed at academic zone (all Departments, Labs, workshop, Central Computer Centre, Library), Hostels, Canteen etc. which is centrally controlled from Central Computer Centre. Users including Students and Staff members are provided individual login-ids to use the machines for e-mail, internet browsing & general purpose programming.
- The institute is the participant of MHRD, Government of India NMEICT/NKN project through which connectivity of 1 Gbps (100 Mbps for connectivity and rest 900 Mbps is for e-content in future) is functioning. The internet access to the institute is also available from various vendors, who provides 64 Mbps internet

bandwidth each amounting to a total of 384 Mbps. Thus total bandwidth of the Institute is amounting to a total of 484 Mbps.

- Central Computer Centre provided services to Training and Placement section of the institute to conduct on-line test of campus recruitment process of UG, PG and M.Sc. Students of all the branches. Central Computer Centre provides internet and computing facilities for Major National & International Conferences. Centralized B.Tech. Admission (JEE) and Centralized M.Tech. Admission (All branches) (CCMT) are carried out by Central Computer Centre in co-ordination with Academic Section. Central Computer Centre has developed institute website and currently maintaining the website. Moreover Central Computer Centre manages institute mail server and provide e-mail services to all staff and students.
- The Central Computer Centre manages Annual maintenance of campus wide computers, laptops, UPS and peripherals. Apart from taking care of the Campus network and Internet Access requirements of the Institute, the Central computer Centre also offers the well equipped computing facilities, locally in the form of five sub centers viz. Internet Access Lab 1 (60 Computers), Modern Cubical based Internet Access lab 2 (60 Computers), Programming Lab (45 Computes), Online Virtual Classroom (60 Computers), Research scholar room (32 Computers) meant for the B Tech, M tech and Ph.D students.
- The Central Computer Centre has Blade Server with 14 TB of Storage space and 6 Blades on which variety of different purpose servers like WEB Server, Mail Server, DNS, NIS Server, FTP Server, DHCP Server, etc. are hosted. Most of the dialects of the operating systems, authorized copies of almost all the common shrink-wrapped software and various Engineering application software are housed in the laboratories. Superb computing facilities and the abundance of all types of latest software are added to the glamour and grandeur of this center.
- Central Computer Centre has become the prominent component of the institute, by facilitating computing and internet facilities in the institute campus. The Campus wide computer network controlled by the center has become a backbone of the institute.

9.2 Central Library

The institute has centralized library facilities for staff and students. The collection of resources has been methodically developed through the years.

During the year (2015-2016) under report the following were added to the library.

Particulars of Reading Materials	Numbers
Books	490
Gift Books	48
Research Proceedings	02
E-Books	00
Book Bank Books	00
Standards	00
Bound /Back Volumes (Print)	00
Bound /Back Volumes (Online)	00
Dissertation (Print)	570
Dissertation (Online)	00
Photo Copies	00
Video Cassettes	00
CD ROM (Purchased)	30
CD ROM (Along with Books & Journals)	72
Floppy Disks	00
Audio Cassettes	00
Journals subscribed (P+O Journal)	31
CD-ROM Databases Available: Indian Standards, IEC Standards, British Standards (5 Module), British Standards (EUROCODE), ASME Standards : (Except BPVC)	
Online journals through INDEST : ACM Digital Library, ASCE, ASME Journals	
Online journals/ standards subscribed through publishers/various agency: ASCE proceedings (174 Volumes), ICE journals package (36 Journals), PROQUEST Science Journals (1620 Journals), Emerald Journals Package (67 Journals), American Mathematical Society (16 Journals), Royal Society of Chemistry (36 Journals), American Chemical Society (56 Journals), ASTM Journals (08 Journals), Taylor & Francis five subject collections (302 Journals), Science Direct (696 Journals). Springer Verlag's Link (1400+), Sage Social Science premier package (24 journals), American Physical Society (13 journals)	
Total Nos. of Online Journals: 4448+	
Online Databases: ASTM Standards, IEEE, MathSciNet Database, J-Gate JCCC,	

Annual Report (2015-16)

The total number of books, volumes and electronics documents in the library at the end of the year, (2015-16) are as under:

Particulars of Reading materials	Numbers
Books (purchased)	75796
Gift Books	8941
PDDC Books purchased Separately	3856
Book Bank Books	7402
Total No. of Books	95995
Particulars of other reading materials except Books	
Research proceedings	646
Standards	15844
Bound / Back Volumes (Print)	8754
Bound / Back Volumes (Online)	5395
Dissertation (Print)	2490
Dissertation (Online)	1657
Photocopies	484
Total No. of other Reading materials except Books	35,270
Actual Total No. of Volumes (Including Books)	1,31,265
ELECTRONIC DOCUMENTS	
Video Cassettes	1045
CD ROM (Purchased)	801
CD ROM (Along with Books & Journals)	3232
Floppy Diskettes (Along with Books)	656
Audio Cassettes	18
E-Books	9715
Total No. of Electronic Documents	15467
Journals subscribed (P+O Journal)	212

CD-ROM Database Available: SAE Technical Papers, SAE Emission Technology Collection, SAE Diesel Engines Technology Collection, SAE Spark- ignition Engines Technology Collection, SAE Vehicle Dynamics Technology Collection, Dissertation Abstract, EI Compendex, Chemical Engineering & Biotechnology Abstracts, Environmental Chemistry, Health & Safety, International Mechanical Abstracts, INSPEC, ICONDA, Indian Standards, Indian Patents, ASME Standards, IEC Standards, ISO Standards, British Standards (5 Module), British Standards (EUROCODE), Britannica Encyclopedia, International Union of Railways Standards.

Online journals through INDEST :

ACM Digital Library, ASCE, ASME Journals

Online journals/ standards subscribed through publishers/various agency:

20 online back files of journals subscribed from John Wiley & Sons, 354 Volumes of Imech Proceedings backfiles, 3348 volumes of Springer back files, ASCE proceedings (174 Volumes), ICE journals package (36 Journals), PROQUEST Science Journals (1620 Journals), Emerald Journals Package (67 Journals), American Mathematical Society (16 Journals), Royal Society of Chemistry (36 Journals), American Chemical Society (56 Journals), ASTM Journals (08 Journals), Taylor & Francis five subject collections (302 Journals), Science Direct (696 Journals). Springer Verlag's Link (1400+), Sage Social Science premier package (24 journals), American Physical Society (13 journals),

Total Nos. of online Journals: 8170+

Other Online Databases

ASTM Standards, IEEE, MathSciNet Database, J-Gate JCCC,

The total equipment available in the library is listed below:

Sr. No.	Name of the Equipment	Quantity
1.	RFID compatible with Libsys software with following accessories :- - RFID Tags. - Library Staff Gate -Library programming station -Self checkout and check in station -Self Management reader -Library server interface on CD media	01 unit
2.	Book drop station integrated with following accessories: -RFID Reader and antenna with multiple read/ write facility -Book drop -Receiving Cart -17" Touch screen LCD Planner -Auto cutter thermal Slip Printer -Branded CPU	01 Unit

	-LSmart client software	
3.	Self Check Out Station comprising with following accessories: -RFID Reader -LCD 17" Touch screen monitor -Branded Client PC -Auto cutter thermal printer & Kiosk shell with fittings -LSmart client software -Barcode scanner.	01 Unit
4.	RFID Gates (2 EAS Pedestals having 3 integrated antennas and controller – Model LSP3 Clear	01 Unit
5.	LSmart-RFID Staff Station with LSmart-Client S/w compatible with LIBSYS LMS RFID Reader LSA2-SHD Antenna LSmart-Client Software	01 Unit
6.	LSmart Self Checkout/In Kiosk in Corian -RFID reader -LCD 21" Touch screen monitor -Branded Client CPU -Auto cutter thermal printer & Kiosk shell with fittings -LSmart client software -Barcode scanner.	01 Unit

Other Details:

The expenditure incurred during the year under report on the Books and Journals was Rs. 1,02,64,725.00 (LOC Fund).

In addition to LOC fund an amount of Rs. 12,43,926.00 was utilised for purchasing Books and other reading material from the grants for Annual Plan Grant.

In addition to the above, the Library is providing CD-ROM database searching and printing facilities. Library is also providing E-Learning Resources – (GATE solutions) and online plagiarism detection and grammar check software (TURNITIN), to maintain ethics in research publication. The library is providing facilities to industrialists surrounding the Surat city as individual members and also to the industrial organizations and institutions as institutional members against membership fees. The library is providing reprographic service to its users.

9.3 Laboratories

APPLIED CHEMISTRY DEPARTMENT
<p>Following labs are there in the Department of Applied Chemistry:</p> <ol style="list-style-type: none"> 1. Chemistry Laboratory for UG (01) and PG (01) 2. Synthetic Lab 3. Sophisticated Instrument Lab 4. Computer laboratory
APPLIED MATHEMATICS AND HUMANITIES DEPARTMENT
<p>Following labs are there in the Department of Computer Engineering:</p> <ol style="list-style-type: none"> 1. Computer Laboratories for M.Sc. Students. 2. Computer Laboratories for Ph.D. Students.
APPLIED MECHANICS DEPARTMENT
<p>Following labs are there in the Department of Applied Mechanics:</p> <ol style="list-style-type: none"> 1. Soil Mechanics & Foundation Engineering Laboratory 2. Engineering Mechanics Laboratory 3. Experimental Stress Analysis 4. Strength of Material Laboratory 5. Cement and Concrete Laboratory 6. Prestressed Concrete Laboratory 7. Heavy Structures Laboratory 8. Computer Laboratory 9. Structural Dynamics Laboratory
CHEMICAL ENGINEERING DEPARTMENT
<p>Following Laboratories are being used by the students of this department.</p> <ol style="list-style-type: none"> 1. Heat Transfer 2. Fluid Flow Operations 3. Mass Transfer Operations 4. Chemical Reaction Engineering 5. General Chemical Technology 6. Process Equipment Design and Drawing 7. Instrumentation and Process Control 8. Mechanical Operations 9. Safety and Pollution Control in Chemical Process Industries
CIVIL ENGINEERING DEPARTMENT
<p>Following labs are there in the Department of Civil Engineering:</p> <ol style="list-style-type: none"> 1. Water Resources Engineering Lab 2. Computational Hydraulics Lab 3. Geospatial Technologies Lab 4. Environmental Engineering Lab 5. Transportation Engineering Lab 6. Computer Lab 7. Surveying Lab 8. Planning Studio 9. Models, Building Materials & Geology Lab 10. Traffic Simulation Lab

COMPUTER ENGINEERING DEPARTMENT

Following labs are there in the Department of Computer Engineering:

1. Programming Laboratory
2. Network & Systems Laboratory
3. Microprocessor & Interfacing Laboratory
4. System & Software Laboratory
5. Information Security & Cloud Computing Research Laboratory
6. M. Tech. Project Laboratory
7. M. Tech. Dissertation Laboratory
8. Beginners Programming Laboratory
9. Database and Formal Software Laboratory

ELECTRICAL ENGINEERING DEPARTMENT

Following labs are there in the Department of Electrical Engineering:

1. Computer Lab
2. Control Lab
3. Testing Lab
4. Measurement Lab
5. Power Electronics Lab
6. Power System Lab
7. ET Lab
8. Project Lab
9. Applied Instrumentation Lab
10. Micro Processor Lab
11. Electrical Machine Lab
12. Drives Lab
13. High Voltage Lab
14. Renewable Energy Lab
15. DSP Lab

ELECTRONICS ENGINEERING DEPARTMENT

Following labs are there in the Department of Electronics Engineering:

1. Electronics Circuit Laboratory
2. Electronics System Design Laboratory
3. Communication Laboratory
4. Digital & Microprocessor Laboratory
5. VLSI Design Laboratory
6. Computer Systems Laboratory
7. Project Laboratory
8. Simulation Laboratory

Along with this, the planning of new laboratories in the new building is as follows:

1. Basic Electronics Lab.
2. VLSI Lab
3. Microcontroller and Embedded System.
4. Electronics System Design Lab.
5. Digital Circuit Lab.
6. Basic Communication Lab.
7. RF and Circuit Design Lab.
8. Advance Research Lab.

9. Sensor and Instrumentation.
10. Optical Fiber & Device.
11. Signal Processing Lab.
12. Simulation Lab.
MECHANICAL ENGINEERING DEPARTMENT
Following labs are there in the Department of Mechanical Engineering:
1. Fuels and Lubricants
2. Metallurgy
3. Dynamics
4. C.A.D.
5. Reverse Engineering
6. A.S.E
7. Robotics
8. I.C.A.E.
9. Fluid Mechanics & Fluid Machines
10. Refrigeration and Air Conditioning
11. Boiler house & Heat Transfer
12. Cryogenics
13. Tribo-maint
14. Turbo machines
15. Industrial Automation
16. Sophisticated Instrument Centre
17. Reacting Gas Dynamics
18. Advanced Fluid Dynamics
19. C.I.M
20. Metal forming
21. Simulation
22. Metrology
23. Workshop
24. Advanced Manufacturing
APPLIED PHYSICS DEPARTMENT
Following labs are there in the Applied Physics Department:
1. B.Tech Laboratory
2. M.Sc. Electronics Laboratory
3. Research Laboratory
4. Nuclear Laboratory
5. Space Physics Laboratory
6. Stimulation Laboratory
7. M.Sc. Computer Laboratory
8. Material Science Laboratory
9. Modern Optics & Physics Laboratory
10. Nanotechnology Laboratory
11. Spectroscopy Lab
12. Thin Film Deposition Lab
13. Material Physics Lab
14. Condensed Matter Lab

10.0 NOTABLE ACHIVEMENTS

SVNIT is placed 15th amongst all the Engineering Institutions including IITs and 2nd amongst all the NITs in the National Institutional Ranking Framework-the ranking exercise done by the MHRD-Govt of India.

10.1 Achievements by Faculty and Students:

APPLIED CHEMISTRY DEPARTMENT
<p>Faculty:</p> <ul style="list-style-type: none"> • Dr Kalpana Maheria visited the Department of chemical biological engineering, University of Saskatchewan, Saskatoon, Canada as between 12th May 2016 - 17th June 2016 as a visiting faculty. • Dr. Kalpana Maheria was appointed as Paper Setter by Cochin University of science and technology, Kerala. • Dr. Suban Sahoo 12th March 2015 to 10th March 2016 from Kyungpook National University, Korea done post Doctoral.
APPLIED MATHEMATICS AND HUMANITIES DEPARTMENT
<p>Faculty:</p> <ul style="list-style-type: none"> • Dr. Ranjan Jana: Awarded Research Associateship (For University Teachers) By Institute of Mathematical Sciences, Chennai for Three Years. • Dr. V.H. Pradhan , Best Paper Award, Title Of Paper : (Presented And Received Best Paper Award) “Approximate Analytical Solution Of Non-Linear Equation In One Dimensional Imbibition Phenomenon In Homogeneous Porous Media By Homotopy Perturbation Method”, Venue: International Conference On Computational Heat And Mass Transfer, Department Of Mathematics, Nit, Warangal, 30 Nov. – 2 Dec, 2015. • Dr. Twinkle R. Singh, Expert Talk as A Guest Speaker On “Study On An Approximate Solution Of Non-Linear Partial Differential Equations In Porous Media”, Dated 15/12/2015 Time 2.00 P.M.-3.00 P.M. At The TEQIP-II Short Term Training Programme (STTP) “Computational Heat and Mass Transfer” During 14th -18th December-2015, AMHD, SVNIT, Surat - 395007. <p>Student:</p> <ul style="list-style-type: none"> • Jignesh P. Chauhan Has Been Awarded “Aruna Gupta Best Paper Presentation Award” During In the International Conference on Special Functions and Their Applications (ICSFA 2015) Held at Amity University, Noida, India. • Jignesh P. Chauhan has Been Awarded Ims Prize (Group-4) For the Year 2015 for Presenting Best Paper in During 81st Annual Conference of Indian Mathematical Society, Held at VNIT, Nagpur, India, During December 27-30, 2015. • Rakesh L. Das Has Been Awarded IMS Prize (Group-6) For The Year 2015 For Presenting Best Paper In During 81st Annual Conference Of Indian Mathematical Society, Held At

VNIT, Nagpur, India, During December 27-30, 2015.

- Dr. Hemantkumar P. Bulsara Has Been Invited To Act As An Expert Member By SMC (Surat Municipal Corporation) For “Dominant Economic Sector For Employment Generation Group” Under 100 Resilience Cities – A Project Pioneered By Rock Feller Foundation (100 RC), From May 2016.

CIVIL ENGINEERING DEPARTMENT

Faculty:

- Dr. J.N. Patel, “The IRES Excellent Paper Award for the paper entitled Optimal reservoir operation policy using fuzzy linear programming” at the IRES International Conference held in Zurich, Switzerland on June 10, 2016.

CHEMICAL ENGINEERING DEPARTMENT

Faculty:

- Dr. Mausumi Mukhopadhyay: Visiting Scientist (May 2016-July 2016) in Universität Duisburg-Essen, Germany.
- Dr. Mausumi Mukhopadhyay: Subject Expert in the Selection Committee for the Faculty (Assistant professor) selection in Chemical Engineering in SCET, Surat.

COMPUTER ENGINEERING DEPARTMENT

Faculty:

- Prof. Dhiren Patel, Member of JoSAA (Joint Seat Allocation Authority), MHRD 2015-16.
- Prof. Dhiren Patel, Invited Speaker, HPC & IoT at Huawei, China, Sept 2016.
- Prof. Dhiren Patel, Invited Keynote Speaker at 7th Annual Internet of Things European Summit, Brussels, May 2016.
- Prof. Dhiren Patel, Invited Speaker, IoT Security, KDDI Labs, Tokyo, March 2016.

Student:

Sr. No.	Name of students	Details of Exams qualified like GATE/GRE/CAT/any other exam	Name of University(Indian/foreign) for higher learning (if applicable)
1	Priyansha Jetley	GRE	University of South california
2	Tushar nimbhorkar	GRE	University of Amsterdam
3	Anvi Ketan Upadhyay	GRE	University of South california
4	Ashika Goyal	CAT	Indian Institute of Management, Lucknow
5	Saksham Kumar	GATE	BITS, Pilani
6	Radhu Maradia	GRE	University of Southern California

ELECTRONICS ENGINEERING DEPARTMENT

Department:

- Department's UG Program is accredited for 2 years from Jan-2016.
- MOU (initiated by ECED) with Indian Navy in Oct 2016, ISRO in March 2016 and JAMPOT Photonics in March 2016.
- ECED is associated with reputed IRNSS Indian navigation system development by ISRO and we are sending the received data to ISRO on weekly basis.
- Department is running IEEE Student Chapter and IETE Student's Forum for conducting various technical activities.

Faculty:

- Dr. (Mrs.) U. D. Dalal nominated as External Member of the Board of Studies of Electronics & Telecommunication Engineering of SHRI G. S. INSTITUTE OF TECHNOLOGY&SCIENCE upto 31/12/2017.
- Dr. (Mrs.) U. D. Dalal and Dr. Sunita Ugale are developing course on Fiber Optic Communication under Nation Mission Project on Education through ICT- developing suitable Pedagogical Method for various classes, intellectual Caliber and Research in e-learning.

ELECTRICAL ENGINEERING DEPARTMENT

Faculty:

- Mahmdasraf A. Mulla: Worked as a one of the coordinator for conducting examination of DGVCL recruitment of Junior Engineer (Electrical) – consultancy worth 8 lakhs. (Year 2015)
- Sabha Raj Arya: IEEE-Senior Member, IEEE Industry Applications Society. (Year 2015)

Student:

Sr. No.	Name of the Student	Graduating year of the Students at SVNIT	Name of the University
1	Mr. Shubham kumar	2015	PG, IIT Delhi
2	Mr. Rahul dhakecha	2015	MS, pennsylvania university
3	Mr. Ayush Jain	2016	MS, Boston University
4	Mr. sumit Das	2015	MS, Michigan Technological University
5	Mr. Mihir Gadkari	2015	MS, Arizona State University
6	Mr. Nishit Shah	2015	MS, University of Southern Calafornia
7	Mr. Riken Mehta	2016	MS, UMass, Amherst
8	Mr. Jay Shah	2015	PG, Boston University
9	Mr. Ankit Yadav	2015	MBA, IIM Indore
10	Mr. Utkarsh Sharma	2016	Ph D, IIT Delhi
11	Ms. Harshita Gupta	2015	North Carolina State University

MECHANICAL ENGINEERING DEPARTMENT

Faculty:

Dr. R. Venkata Rao

- Got sanctioned Indo-Slovenian bi-lateral research project from DST New Delhi on “Optimization of sustainable manufacturing processes”. The counterpart is University of Maribor, Slovenia.
- Got appointed as an “Associate Editor” of the International “Journal of Intelligent Manufacturing”, ISSN: 0956-5515, Springer Science+Business Media, Thomson Reuters 5-Year Impact Factor (Thomson Reuters) 2015 = 2.159 (covered by Thomson Reuters and Scopus).
- Got appointed as a Member of Mechanical Engineering Editorial Board of the international journal of “Engineering Optimization”, ISSN: 0305-215X, Taylor & Francis, UK, Thomson Reuters 5-Year Impact Factor (Thomson Reuters) 2015 = 1.38 (covered by Thomson Reuters and Scopus)
- Invited to deliver a keynote speech by the organizers of the 9th International Conference on Computational Heat and Mass Transfer held at Cracow, Poland on 25th May 2016.
- Acted as an expert in National Board of Accreditation (NBA) visits.
- Acted as an Advisor in UPSC interviews conducted for IES aspirants.

Student:

- Six numbers of PhD scholars has visited foreign for presentation of research papers in international conference.
- Sudhanshu Kumar received best paper award at International conference ICMMT-2016, Thailand.
- Gunjan Yadav received best paper award at International conference ICSE – 2016, Thailand.
- Sakil A. Kagzi received best poster award at International conference COPEN-9 (2015), IIT Mumbai.
- Fifteen students have been qualified for CAT Exam with percentile more than 97.
- Three students have been qualified for Gate Examination.
- Parth Rana and Govind Rakesh Iyer has filed patent (Application No.: 438/MUM/2015)

for “No ball sensing system in cricket”.

- Navneet Vaniya with team members secured 2nd rank in NGKC Design competition which was held under the SAE competition.
- Shobhit Gupta and Onkar Jadhav have won CANSAT competition organized by ARDL was held at IISc Bangalore.
- Laukik Gandhi awarded with best mechanical design in KSHITIJ at IIT Kharagpur.
- Tanuj Galani with team members has been won 1st price in QUIDITCH competition at IIT Mumbai in Techfest.
- Reeves Henry has won Silver medal in Lawn Tennis at IIT Jodhpur in Sports Fes

10.2 Achievements took place during the reporting year 2015-16

(i) Publication in the International Journals:

Applied Chemistry Department	
No.	/*Authors, Title of the Paper, Name of the Journal, Publisher, Page nos, Year*/
1.	S. Jauhari, M. Chakraborty, A. N. Raut, S. U. Nandanwar, Y. R. Suryawanshi, S. Mukhopadhyay, K. T. Shenoy, H. C. Bajaj, " Liquid phase selective hydrogenation of phenol to cyclohexanone over Ru/Al ₂ O ₃ nanocatalyst under mild conditions" Kinetics and Catalysis, Springer, 39-46, 2016.
2.	Dhanani T., Singh R., Shah S., Kumari P., Kumar S. Comparison of green extraction methods with conventional extraction method for extract yield, L-DOPA concentration and antioxidant activity of Mucuna pruriens seed. Green Chemistry Letters and Reviews. 8(2), 43-48, 2015
3.	Patel A. B., Chikhalia K.H., Kumari P. *Access to antimycobacterial and anticancer potential of some fused quinazolines Res. Chem. Intermediat Springer, 4439-4445, 2015.
4.	Singh R.; Kumari P. ; Kumar S. Nanotechnology in Food Industry Volume V: Nutrient delivery in Grumezescu Alexandru eds., Nanotechnology for enhanced bioactivity of Bioactive phytochemicals, Elsevier, ebook ISBN 978-0-12804-375-2.
5.	Darshak R. Bhatt, Kalpana C. Maheria, Jigisha Parikh, Determination of thermodynamics and design parameters for Ionic Liquid induced cloud point extraction of Coralene red dye, International Journal of Environmental Science and Technology, SPRINGER. Vol. 13 (2), 589-598, (2016)

6.	Darshak R. Bhatt, Kalpana C. Maheria, Jigisha Parikh Highly efficient micellar extraction of toxic picric acid into novel ionic liquid: effect of parameters, solubilization isotherm, evaluation of thermodynamics and design parameters, Journal of Hazardous Materials, ELSEVIER, Vol. 300, 338-346.(2015)
7.	Darshak R. Bhatt, Kalpana C. Maheria, Jigisha Parikh, Enhanced separation of toxic Blue BG dye by cloud point extraction with IL as an additive: effect of parameters, solubilisation isotherm and evaluation of thermodynamics and design parameters, Journal of Environmental Chemical Engineering, ELSEVIER, Vol. No. 3, Pg. No. 1365-1371, (2015).
8.	Sunita Barot, Kalpana C. Maheria, Rajib Bandyopadhyay, Synthesis of SAPO-34 molecular sieves by varying synthetic parameters and study of its effect on Biginelli reaction, J. Mater. Environ. Sci. 7 (3) 899-906, ISSN: 2028-2508, (2016).
9.	Zuber S. Vaid, Arvind Kumar, Omar A. El Seoud and Naved I. Malek, Drug induced micelle-to-vesicle transition in aqueous solutions of cationic surfactants, Accepted to RSC Advances.
10.	Naved I Malek, SM Rajput, UU More, ZS Vaid, KD Prajapati Impact of organic solvents on the micellization and interfacial behavior of ionic liquid based surfactants, , Colloids and Surfaces A: Physicochemical and Engineering Aspects 507, 182-189.
11.	Naved I. Malek, Heta Patel, Zuber S. Vaid, Utkarsh U. More, Sushma P. Ijardar, Thermophysical, acoustic and optical properties of binary mixtures of imidazolium based ionic liquids + polyethylene glycol of Chemical Thermodynamics, 99, 40-53, 2016.
12.	Naved I. Malek, Zuber S. Vaid, Utkarsh U. More, Shantilal B Oswal, Experimental and theoretical excess molar properties of imidazolium based ionic liquids with isomers of butanol. Thermochimica Acta 634, 38-47, 2016.
13.	Naved I. Malek , Utkarsh More, Zuber Vaid, Sargam Rajput, Y Kadam Effect of Imidazolium Based Ionic Liquids on the Aggregation Behavior of Twin Tailed Cationic Gemini Surfactant in Aqueous Solution.,. Journal of Dispersion Science and Technology, Accepted. 2016.
14.	Pankaj Bharmoria, Tushar J Trivedi, Naved I Malek, Arvind Kumar Tuning the physicochemical properties of protic-aprotic ionic liquids upon reciprocal binary mixing.. Indian Journal of Chemistry Vol. 55A, May 2016
15.	Naved I. Malek, Sushma P. Ijardar. J. Binary mixtures of ([C ₄ mim][NTf ₂] + molecular organic solvents): Thermophysical, acoustic and transport properties at various compositions and temperatures of Chemical Thermodynamics, 93, 75-85, 2016. DOI:10.1016/j.jphotochem.2016.01.015
16.	Influence of imidazolium ionic liquids on fluorescence of push-pull diphenylbutadienes, Anuji K. Vasua Jagadish Katla Naved I. Malek, Sriram Kanvah, Journal of Photochemistry and Photobiology A: Chemistry, 321 (1) 55-62, 2016. DOI:10.1016/j.jphotochem.2016.01.015.

17.	U. More, P. Kumari, Z. Vaid, and K. Behera, Naved I Malek, Interaction between Ionic Liquids and Gemini Surfactant: A Detailed Investigation into the Role of Ionic Liquids in Modifying Properties of Aqueous Gemini Surfactant Journal of Surfactants and Detergents 19 (1) 75-89, 2016.
18.	Paulo A.R. Pires, Naved I Malek, Thaís C. Teixeira, Thaís A. Bioni, Haq Nawaz, Omar A. El Seoud Imidazole-catalyzed esterification of cellulose in ionic liquid/molecular solvents: A multi-technique approach to probe effects of the medium.. Industrial Crops and Products 77, 180–189, 2015
19.	Haq Nawaz, Paulo A. R. Pires, Elizabeth P. G. Arêas, Naved I. Malek and Omar A. El Seoud. Probing Cellulose Acetylation in Binary Mixtures of an Ionic Liquid with Dimethylsulfoxide and Sulfolane by Chemical Kinetics, Viscometry, Spectroscopy, and Molecular Dynamics Simulations. Macromolecular Chemical Physics, 216 (24) 2368-2376, 2015.
20.	Naved I. Malek, Zuber S. Vaid, Utkarsh U. More, Omar A. El Seoud. Ionic-liquid-based surfactants with unsaturated head group: synthesis and micellar properties of 1-(n-alkyl)-3-vinylimidazolium bromides Colloid Polym Sci 293,3213–3224, 2015
21.	Rakhi N. Mehta, Utkarsh More, Naved I Malek, Mousumi Chakraborty, Parimal A. Parikh. Study of stability and thermodynamic properties of water-in-diesel nanoemulsion fuels with nano-Al additive. Appl Nanosci 5 (8) 891–900, 2015.
22.	Zuber Vaid, Utkarsh More, Sushma P. Ijardar, Naved I. Malek. Investigation on thermophysical and excess properties of binary mixtures of imidazolium based ionic liquids at temperatures (293.15 to 323.15) K: III [C _n mim][PF ₆] (n = 4, 6, 8) + THF J. of Chemical Thermodynamics, 86, 143-153, 2015.
23.	Z. Vaid, U. More, R. Gardas, Naved I Malek and S.P. Ijardar, Composition and temperature dependence excess properties of binary mixtures of imidazolium based ionic liquids: II [C _n mim][PF ₆] + propylamine, J. of Solution Chemistry. 44, 718-741, 2015.
24.	U. More, Z. Vaid, P. Bhamoria, A. Kumar Naved I Malek, Effect of [C _n mim][Br] Based Ionic Liquids on the Aggregation Behavior of Tetradecyltrimethylammonium bromide in Aqueous Medium J. of Solution Chemistry. 44, 850-874, 2015.
25.	S K Sahoo, GD Kim, HJ Choi, Optical sensing of anions using C ₃ v-symmetric tripodal receptors, Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 27, 30-53
26.	S K Sahoo, D Sharma, A Moirangthem, A Kuba, R Thomas, Rajender Kumar, A Kuwar, H-J Choi, A Basu, Pyridoxal derived chemosensor for chromogenic sensing of Cu ²⁺ and fluorogenic sensing of Fe ³⁺ in semi-aqueous medium, Journal of Luminescence 172, 297-303
27.	S K Sahoo, D Sharma, A Kuba, R Thomas, S K A Kumar, A Kuwar, H J Choi, Acetate selective fluorescent turn-on sensors derived using vitamin B6 cofactor pyridoxal-5-phosphate, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 157, 110-115

28.	S K Sahoo, P Torawane, K Tayade, S Bothra, N Singh, A Borse, A Kuwar, A highly selective and sensitive fluorescent 'turn-on' chemosensor for Al ³⁺ based on C N isomerisation mechanism with nanomolar detection, <i>Sensors and Actuators B: Chemical</i> , 222, 562-566
29.	S K Sahoo, D Sharma, A Kuba, R Thomas, Rajender Kumar, H J Choi, An aqueous friendly chemosensor derived from vitamin B6 cofactor for colorimetric sensing of Cu ²⁺ and fluorescent turn-off sensing of Fe ³⁺ , <i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> , 153, 393-396
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32.	S K Sahoo, K Tayade, B Bondhopadhyay, K Keshav, A Basu, J Singh, N Singh, D T Nehete, A Kuwar, A novel zinc (II) and hydrogen sulphate selective fluorescent "turn-on" chemosensor based on isonicotiamide: INHIBIT type's logic gate and application in cancer cell imaging, <i>Analyst</i> , 141, 1814-1821
33.	S K Sahoo, S M Roy, DR Roy, Toxicity prediction of PHDDs and phenols in the light of nucleic acid bases and DNA base pair interaction, <i>Journal of Molecular Graphics and Modelling</i> 62, 128-137, 2015
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38.	S K Sahoo, D S Lim, C S Cho, Y Kim, H J Choi, A C _{3v} -symmetric triphosphine ligand derived from trindane skeleton: synthesis, inclusion of C ₆₀ , and catalytic activity of its Pd complex, <i>Tetrahedron Letters</i> 56 (41), 5665-5669, 2015
39.	S K Sahoo, S Bothra, Rajender Kumar, R K Pati, A Kuwar, H J Choi, Virgin silver nanoparticles as colorimetric nanoprobe for simultaneous detection of iodide and bromide ion in aqueous medium, <i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> 149, 122-126, 2015

40.	S K Sahoo, P N Borase, P B Thale, G S Shankarling, An "off-on" colorimetric chemosensor for selective detection of Al ³⁺ , Cr ³⁺ and Fe ³⁺ : Its application in molecular logic gate, <i>Sensors and Actuators B: Chemical</i> 215, 451-458, 2015
41.	S K Sahoo, R Patil, U Fegade, R Kaur, Narinder Singh, Anil Kuwar, Highly sensitive and selective determination of Hg ²⁺ by using 3-((2-(1H-benzo [d] imidazol-2-yl) phenylimino) methyl) benzene-1, 2-diol as fluorescent chemosensor and its application in real water sample, <i>Supramolecular Chemistry</i> , 27, 527-532, 2015
42.	S K Sahoo, QT Nguyen, DW Oh, W Kim, HJ Choi, Self-Folding Deep Cavitand with Acetamidoquinoxaline Flaps: Hindered Ring Inversion of Cyclohexane in a Confined Cavity by CH- π Interaction, <i>Asian Journal of Organic Chemistry</i> 4, 729-732, 2015
43.	S K Sahoo, D Sharma, A Moirangthem, S M Roy, ASK Kumar, J P Nandre, U D Patil, A Basu, Bioimaging application of a novel anion selective chemosensor derived from vitamin B6 cofactor, <i>Journal of Photochemistry and Photobiology B: Biology</i> , 148, 37-42
44.	Jigna R. Bhamore, S. Jha, A. K. Mungara, R. K. Singhal, D. Sonkeshariya, K. Suresh Kumar, One-step green synthetic approach for the preparation of multicolor emitting copper nanoclusters and their applications in chemical species sensing and bioimaging, <i>Biosensors and Bioelectronics</i> , 80, 243-248, 2016 (IF 6.40).
45.	Stephanie L. D'souza, Balaji Deshmukh, Jigna R. Bhamore, Karuna A. Rawat, Nibedita Lenka and K. Suresh Kumar, Synthesis of fluorescent nitrogen-doped carbon dots from dried shrimps for cell imaging and boldine drug delivery system, <i>RSC Advances</i> , 6, 12169-12179, 2016 (IF 3.708).
46.	Karuna A. Rawat, K. Suresh Kumar, 2,3,4-Trihydroxy benzophenone as a novel reducing agent for one-step synthesis of size-optimized gold nanoparticles and their application in colorimetric sensing of adenine at nanomolar concentration, <i>RSC Advances</i> , 6, 11099-11108, 2016 (IF 3.708)
47.	M. S. Khan, M. L. Bhaisare, S. Pandey, A. Talib, S.M. Wu, K. Suresh Kumar, Hui-Fen Wu, Exploring the ability of water soluble carbon dots as matrix for detecting neurological disorders using MALDI-TOF MS, <i>International Journal of Mass Spectrometry</i> , 393, 25-33, 2015 (IF 1.97)
48.	Karuna A. Rawat, K. Suresh Kumar, 4-Amino nicotinic acid mediated synthesis of gold nanoparticles for visual detection of arginine, histidine, methionine and tryptophan, <i>Sensors and Actuators B: Chemical</i> , 222, 780-789, 2016 (IF 4.09)
49.	K. Suresh Kumar, Karuna A. Rawat, Hui-Fen Wu, Ionic Liquids in Bioanalysis, <i>Bioanalysis</i> , 7, 2251-2264, 2015 (IF 3.01).
50.	K. Suresh Kumar, Stephanie L. D'souza, Hui-Fen Wu, Analytical Applications of Nanoparticles in MALDI-MS for Bioanalysis, <i>Bioanalysis</i> , 7, 2265-2276, 2015. (IF 3.01).
51.	B. Saineelima, Stephanie L. D'souza, Sanjay Jha, K. Suresh Kumar, Imaging of bacterial and fungal cells using fluorescent carbon dots prepared from <i>Carica papaya</i> juice, <i>Journal of Fluorescence</i> , 25, 803-810, 2015 (IF 1.81).

52.	Mehulkumar L. Savaliya and Bharatkumar Z. Dholakiya, A simpler and highly efficient protocol for the preparation of biodiesel from soap stock oil using a BBSA catalyst, <i>RSC Adv.</i> , 2015,5, 74416-74424.
53.	Amit Shirke, Bharatkumar Dholakiya, Ketan Kuperkar, Novel applications of castor oil based polyurethanes: a short review, <i>Polymer Science, Ser. B</i> , 2015, Vol. 57, No. 4, pp. 292–297.
54.	Amit Shirke, Prafullkumar Bhikhadiya, Bharatkumar Dholakiya, Ketan Kuperkar, Tung Oil Based Polyurethanes: A Short Review”, <i>Journal of Polymer & Composites</i> 3:16-19.
55.	Jayanti Makasana, Narendra Gajbhiye and Bharatkumar Z. Dholakiya, Extractive determination of bioactive flavonoids from Butterfly pea (<i>Clitoria ternatea</i> Linn.). <i>Research on Chemical Intermediates</i> (Accepted; 2016) (DOI: 10.1007/s11164-016-2664-y).
56.	Mehulkumar L. Savaliya Mathurkumar S. Bhakhar and Bharatkumar Z. Dholakiya, Cutting Cost Technology for the Preparation of Biodiesel Using Environmentally Benign and Cheaper Catalyst, <i>Catalysis Letters</i> , DOI 10.1007/s10562-016-1861-z.
57.	Mixed micellization study of alkyltrimethylammonium and alkyltriphenylphosphonium bromides in aqueous solution, S. Padasala, B. Kanoje, K. Kuperkar, P. Bahadur. <i>J. Surfact. Deterg.</i>
58.	Solubilization study of water-insoluble dye in cationic single/dimeric surfactant micelles: Effect of headgroup, nonpolar tail, spacer chain in aqueous and salt solution, S. Padasala, K. Kuperkar, P Bahadur, <i>Coloration Technology</i>
59.	Tung Oil based polyurethanes: A short review, A. Shirke, P. Bhikhadiya, B. Dholakiya, K. Kuperkar, <i>J. Polymer and Composites</i>

Applied Mathematics And Humanities Department	
No.	/*Authors, Title Of The Paper, Name Of The Journal, Publisher, Page Nos, Year*/
1	J. P. Chauhan, P. V. Shah, R. K. Jana And A. K. Shukla, “Analytic Solution For RLC Circuit Of Non-Integer Order”, <i>Ital. J. Pure And Appl. Math.</i> , N. 36 PP, 819-826, 2016
2	Meher,R., Meher S. K., Series Solution For Porous Medium Equation Arising In Fingero-Imbibition Phenomenon During Oil Recovery Process, <i>Applied Mathematics And Information Sciences Letters</i> , Vol.3(1),PP-25-30, 2015.
3	Meher,R., Patel T., A Solution Of Infiltration Problem Arising In Farmland Drainage Using Adomian Decomposition Method, <i>British Journal Of Applied Science And Technology</i> , Vol. 6(5): 477-485, 2015.
4	Meher R., Patel T., A Study On Temperature Distribution, Efficiency And Effectiveness Of Longitudinal Porous Fins By Using Adomian Decomposition SUMUDU Transform Method , <i>Procedia Engineering</i> , Elseiver, Vol.127 (2015),Pp- 751 – 758, (Scopus Index), 2015.
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6	Meher R., Patel H., Simulation Of Fingering Phenomena In Fluid Flow Through Fracture Porous Media With Inclination And Gravitational Effect, Journal Of Applied Fluid Mechanics, (Sci And Scopus Indexed And ISI Impact Factor 0.888)
7	Meher R., Patel H., A Study On Recovery Rate For Counter – Current Imbibition Phenomenon With Corey’s Model Arising During Oil Recovery Process, Applied Mathematics And Information Sciences, Appl. Math. Inf. Sci. 10, No. 5, 1-8 Scopus Indexed, (2016)
8	Meher R., Patel H. Analytical Investigation Of Jeffery-Hamel Flow By Modified Adomian Decomposition Method, AIN-SHAMS Engineering Journal, Elsevier, Scopus Indexed
9	Meher R., Patel T. Adomian Decomposition SUMUDU Transform Method For Solving A Solid And Porous Fin With Temperature Dependent Internal Heat Generation, Springerplus, 5(1), 1-18, DOI :10.1186/S40064-016-2106-8.(Sci And Scopus Indexed (Springer)) (Ii:0.982), 2016
10	Meher R. ,Patel H., Approximate Analytical Study Of Counter-Current Imbibition Phenomenon In A Heterogeneous Porous Media, Applied Mathematical Sciences, Vol. 10, 2016, No. 14, 673 – 681, DOI.Org/10.12988/AMS.2016.617. (Scopus Index), 2016
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12	Desai H. A. And Bulsara H.P., A Study Of Effects Of Demographic Variables On Sources Of Information In Financial Investment Decision. <i>International Journal Of Applied Business And Economic Research</i> , 14 (6), 3465-3484, (2016).
13	Bulsara Hemantkumar P., Alok Kumar, Rakesh Kumar, Krupesh A. Chauhan, Principle Factors For Success Of Traditional Vs. PPP Road Projects In India. <i>International Journal Of Applied Business And Economic Research</i> , 14 (6), 3575-3590, (2016)
14	Bulsara H. P., & Trivedi, K., An Exploratory Study Of Factors Related To Consumer Behaviour Towards Purchase Of Fruits And Vegetables From Different Retail Formats. <i>Journal Of Research In Marketing</i> , 6(1), 397-406, (2016).
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30	Yogeshwari Patel*, Jayesh M. Dhodiya, Differential Transform Method For Solving Nonlinear System Of Compartment Models, International Journal Of Scientific Review And Research In Engineering And Technology Vol(1), Issue(3)111 – 122, 2016
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34	Dhiren Pandit, Dr. Jayesh Dhodiya, PCA And LDA Method With Neural Network For Primary Diagnosis Of Genetic Syndrome, <i>International Advanced Research Journal In Science, Engineering And Technology</i> Vol. 2, Issue 10, DOI 10.17148/IARSJET..21026, 2015
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1	Vishnu Narayan Mishra, Springer Book Chapter Entitled "Degree Of Approximation Of Functions Through Summability Methods", PP. 413-431. DOI: 10.1007/978-981-10-0913-6_9. Editor: Prof. Billy E. Rhoades And Prof. Hemen Dutta. Publisher: Springer Singapore, (2016)
2	Som Sahani, V. H. Pradhan, Analyzing Implementation Of Filter For Enhancing Speech In Sindhi Language, <i>Gams Journal Of Mathematics And Mathematical Biosciences</i> , ISSN: 0974-2689, ESSN: 1945-9181, Jan.- 2016
3	Deepti Mishra, Vikas Pradhan , Manoj Mehta, Approximate Analytical Solution Of KdY-Burger's Equation By Homotopy Perturbation Transform Method (HPTM), <i>GAMS Journal Of Mathematics And Mathematical Biosciences</i> , Issn: 0974-2689, Essn: 1945-9181, Jan.- 2016
4	Shreekant P. Pathak And Twinkle Singh An Analytic Solution Of Mathematical Model Of Boussinq's Equation In Homogeneous Porous Media During Infiltration Of Groundwater Flow, <i>Journal Of Geography, Environment And Earth Science International</i> 3(2): 1-8, Article No. JGEESI.17722, 2015

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1	Dr. C H Solanki, Influence of Fine Fraction on Shear Parameters and Consolidation Behavior of Tropical Residual Soil, (Authors:Chandra. B, C. H. Solanki and S. A. Vasanwala), <i>Indian Journal of Science and Technology</i> , Vol 9(41), ISSN:0974-6846, November 2016 DOI:10.17485/ijst/2016/v9i41/99191, (Scopus)
2	Dr. C H Solanki, An Experimental Study on Behaviour of Piled Raft Foundation, (Authors:Jaymin D. Patil, Sandeep A. Vasanvala, Chandresh H. Solanki), <i>Indian Geotechnical Journal</i> , <i>Indian Geotech J</i> (January–March 2016) 46(1):16–24, DOI 10.1007/s40098-015-0145-7
3	Dr. C H Solanki, Behaviour of Cushioned Composite Piled Raft Foundation under Lateral Forces(Authors:V. J. Sharma, S. A. Vasanvala, C. H. Solanki), <i>Indian Geotechnical Journal</i> , Springer, 45(1):89–97 DOI 10.1007/s40098-014-0110-x, January–March 2015

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1	Z.V.P. Murthy, Non-linear regression (Levenberg-Marquardt method): <i>Encyclopedia of Membranes</i> , edited by Enrico Drioli and Lidieta Giorno, SpringerReference, 2016 (DOI 10.1007/978-3-642-40872-4_1655-1) (3 pages).

2	Z.V.P. Murthy, Cadmium separation by NF, Encyclopedia of Membranes, edited by Enrico Drioli and Lidietta Giorno, SpringerReference, 2016 (DOI 10.1007/978-3-642-40872-4_1656-1) (3 pages).
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6	Chetan M. Patel, Mousumi Chakraborty, and Z.V.P. Murthy, Fast and scalable preparation of starch nanoparticles by stirred media milling, <i>Advanced Powder Technology</i> , Vol.27 (No. 4) (2016) 1287-1294.
7	Paritosh Agnihotri and V. N. Lad, Polymer Electrolyte Membrane Fuel Cell: Challenges and Current Developments <i>Journal of Biofuels and Bioenergy</i> 1, 1-9, 2015.
8	Shilpa, A., Mungray, A. K., Chakraborty, M., Sonochemical degradation of pchlorophenol assisted by H ₂ O ₂ and Ag-TiO ₂ /TiO ₂ catalyst. <i>Indian Journal of Chemical Technology</i> , 2015, 22, 73-77.

Mechanical Engineering Department	
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3	P D Chougale, S Kumar, and Harit K. Raval, Energy and cost conscious process routing, <i>Journal of Manufacturing Engineering</i> , Vol. 11 (3), 151-156, 2016
4	Himanshu V. Patel, and Harshit K. Dave, Effect of parameters on weld strength during ultra-sonic welding of Al Al strip", <i>Journal of Manufacturing Engineering</i> , vol. 11 issue 3, pp. 121-125, 2016
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7	Vratraj K Joshi, Harit K. Raval and Keyur P. Desai, CNC milling of planar curves using macro Programming, <i>Journal of Manufacturing Engineering</i> , March 2016, Vol. 11, Issue. 1, 13-19, 2016

8	Ravi J. Bhatt and Harit K. Raval, Study on Effect of Tooling Angles during Flow Forming Process, Journal of Manufacturing Engineering, Vol. 11, (3), 199-170, 2016
9	B. C. Shah, S. Desai, H. B. Naik and Keyur P. Desai, Performance of inertance type G-M pulse tube cryocooler, NSC-24 held at IPR Gandhinagar, Gujarat, 2013 and published in Indian Journal of Cryogenics, Vol. 40, February,178-181, 2015.
10	Supriya R. Ingole and Dinesh Singh, "Facility layout problem using particle swarm optimization", Industrial Engineering Journal, Indian Institution of Industrial Engineering, 11-16, Vol.8(10), 2015.

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(iv) Conference Proceedings/Papers Presented in the International Conferences / Workshops / Seminars

Applied Chemistry Department	
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1	Oral Presentation: Sunil Mistry, Jenifer Gabla, Dhara Morawala, Kalpana C. Maheria, "An assessment of catalytic activity of zeolite BEA towards multicomponent reactions (MCRs): Synthesis of Diarylpyrimidinones", at CHEMCON 2015 conference, held at IIT Guwahati, Guwahati, Assam, India, during 27th - 30th December, 2015.
2	Poster presentation: Kalpana Maheria, Lalita Choudhary, Henilkumar Lankapati, "Recent Advances in the Removal of Toxic Metals using Modified Zeolites", at International Conference on Innovations in Sustainable Water & Wastewater Treatment Systems (ISWATS - 2016), Yashda, Pune, India, 21 st – 23 rd April, 2016.
3	Oral Presentation: Kalpana Maheria, Chowdari Ramesh Kumar, Xiaoyu Cui, Janusz Kozinski, Ajay Dalai, 'n-Butyl levulinate synthesis over Cs salt of heteropoly supported zeolite beta catalysts', held at 24 th Canadian Symposium on Catalysis, University of Ottawa, Ottawa, Ontario, Canada, during 8 th – 11 th May 2016.
4	Naved Malek 4 th EPNOE International Polysaccharide Conference, Warsaw, (Poland), 19-22 October 2015.
5	Naved Malek, Colloid and Surface Science Symposium (CSSS) (CSSS 2016), Harvard University, Cambridge, MA, USA, 5th to 7th June 2016
6	Naved Malek, 67 th Divisional Meeting on Colloid & Interface Chemistry, Division of Colloid and Surface Chemistry, Hokkaido University of Education, Asahikawa Campus, Japan, 22nd to 24th September 2016
7	Facile green synthesis of fluorescent carbon dots using vancomycin as a precursor for cell imaging and anti-cancer drug delivery" Suresh Kumar, Stephanie L. D'souza, Balaji Deshmukh, L. Nibetida, IV – International conference on Analytical Proteomics, September 07 – 09 th 2015, Lisbon, Portugal.

Applied Mechanics Department	
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1	Dr D.B RAIJIWALA, High Performance Green Concrete, International Conference On Sustainable Civil Engineering,Cape Town South Africa,June 20-22,2016
2	Dr. B. K. Vendhan, Relationship for size and dispersion of pores with mix factors for cement sand mortar ICCEMS 2016, May 2016,Singapore
3	Dr. C H Solanki, Prediction of Consolidation Behaviour of Soil by Finite Element Method International Conference on Soil and Environment (22-23July 2016), IGS Bangalore Chapter, Dept. CE, IISc Bangalore, paper No: 015-sb
4	Dr. C H Solanki, A Review on Recent Development of Image Analysis Systems for Particle Size and Shape Characterization International Conference on Soil and Environment (22-23July 2016), IGS Bangalore Chapter, Dept. CE, IISc Bangalore, paper No: 111-sb
5	Dr. C H Solanki, Influence of Fine Fraction on Shear Parameters and Consolidation Behavior of Tropical Residual Soil International Civil Engineering Symposium (ICES'16), 2 nd International Conference on Sustainable Energy and Built Environment, ASCE Indian Section, VIT University Vellore, ICES-GT012, 10 th -12 th March, 2016 (<i>Best Paper Award</i>)
6	Dr. C H Solanki, J B Patel, Numerical Study of Behaviour of group Pile Made of pervious Concrete and Stone Aggregates 8 th International Conference on Electrical, Electronics and Civil Engineering(ICEECE-16), Dubai (UAE), PP: 74-77, January 2016
7	Dr. C H Solanki, J B Patel, Numerical Study of Behaviours of Geosynthetic Reinforce Stone Colum 8 th International Conference on Electrical, Electronics and Civil Engineering (ICEECE-16), Dubai (UAE), PP: PP: 78-80, January 2016
8	Dr. C H Solanki, Dr S Kumar Study on the Square Footing Resting on Geotextilte Reinforced Sand 8 th International Conference on Electrical, Electronics and Civil Engineering (ICEECE-16), Dubai (UAE), PP: 86-90, January 2016.
9	Dr. C H Solanki, Dr S J Shukla A Dynamic Behavioural Study of Structures and Foundation of 25 story Structure with variable sub soil by time history FEM model 8 th International Conference on Electrical, Electronics and Civil Engineering (ICEECE-16), Dubai (UAE), PP: 57-61, January 2016
10	Dr. C H Solanki, Finite Element Method in Drawdown Analysis of Earth Dam with Seepage Barrier International Conference on Advances in Civil and Environmental Engineering 2015 (ACEE 2015)", 28-30 July 2015, Penang, Malaysia
11	Anant Parghi, "Seismic analysis of circular reinforced concrete bridge columns retrofitted with advanced composite materials" 2 nd Annual Eng. Graduate Symposium UBC, Okanagan, 8 th June 2015.
12	Dr S N Desai, Service life prediction of chloride induced corrosion in RC Buildings, International Conference on Sustainable Civil Engineering at Cape Town, South Africa on 20 – 21 June 2016
13	SungyaniTripathy, Atul K. Desai, Innovation in turbo generator frame foundation, an experimental and analytical study International Conference on Sustainable Civil Engineering Cape town , South Africa,20th June 2016
14	Pramod K Kolase and Atul K Desai, Effect of fly ash with polyester fibre on mechanical properties of roller compacted concrete pavements, International Conference on Sustainable Civil Engineering CapetownInternational Conference on Sustainable Civil Engineering Capetown, South Africa, 20th June 2016.

15	Santosh G. Shah , Bhavin G. Patel and Atul K. Desai, Fracture And Size Effect Studies On Fibre Reinforced Self Compacting Concrete Using Digital Image Correlation 9th International Conference on Fracture Mechanics of Concrete and Concrete Structures
16	Prof A J Shah, Study of Steel Plate shear wall using ETABS, International Conference on Sustainable Civil Engineering at Cape Town, South Africa on 20 – 21 June 2016.
17	G R Vesmawala, Identification of Delamination in Composite Beams Using Mode Shape Based Methods First Structural Integrity Conference and Exhibition (SICE -2016), organized by Indian Structural Integrity Society (InSIS), IISc, Bangalore and IIT Madras, India, July 4 - 6, 2016.
18	G R Vesmawala, Structural Damage Detection of Reinforced Concrete Slab Using Modal Characteristics First Structural Integrity Conference and Exhibition (SICE -2016), organized by Indian Structural Integrity Society (InSIS), IISc, Bangalore and IIT Madras, India, July 4 - 6, 2016.
19	G R Vesmawala, Effect of bagasse ash on properties of cementitious system, National conference on Recent Advances in Testing of Material, NDT and Numerical Modelling- Sponsored by BCUD, University of Pune, 18-19 March, 2016.
20	G R Vesmawala, Effect of wrap thickness and ply orientation on cracking and failure of FRP wrapped columns First Structural Integrity Conference and Exhibition (SICE - 2016), organized by Indian Structural Integrity Society (InSIS), IISc, Bangalore and IIT Madras, India, July 4 -6, 2016.
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22	S. Patel, Feasibility of lime stabilized expansive soil as a subbase material for flexible pavements 8th Int. Conference on Electrical, Electronics and Civil Engg., Dubai, January, 2016.

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2	R. K. Jana, "On The Study Of Bessel Function Series" In The Proceeding Of International Conference On Special Functions And Their Applications, Held At Amity University, Noida, India, (ICFSA 2015).
3	R. K. Jana, "A Note On Sheffer Polynomials" In The Proceeding Of 81 st Annual Conference Of Indian Mathematical Society, Held At VNIT, Nagpur, During December 27-30, 2015.
4	R.K.Meher, Adomian Decomposition SUMUDU Transform Method For Temperature Distribution, Fin Efficiency And Fin Effectiveness Of Convective Straight Fins, International Conference On Current Trends In PDES: Theory And Computations, South Asian University, New Delhi, During 28th - 30th Dec-2015

5	Dr.V.N.Mishra, "Degree Of Approximation By The $T.E^1$ Means Of Conjugate Series Of Fourier Series In The Hölder Metric" & Chaired The Session On Pure Mathematics In National Conference On Mathematical Analysis And Computation (NCMAC – 2015) at MNIT, Jaipur, During February 20-21, 2015
6	Dr.V.N.Mishra, "Development In Approximation Of Signals By Certain Operators" In The National Conference On "Relevance Of Ramanujan Work & Its Applications In Mathematical Sciences" In Dept. Of Mathematics, T.D.P.G. College, Jaunpur, During October 24-26, 2015.
7	Dr.V.N.Mishra, Analysis & Its Applications Held At Aligarh Muslim Univ., Aligarh, During Dec. 19-21, 2015.
8	Dr.V.N.Mishra, 18 th Int. Conf. Of Laps Held At Univ. Of Allahabad, CONIAPS XVIII, Allahabad, During Dec. 22-24, 2015.
9	Dr.V.N.Mishra, Recent Trends In Engg. & Material Sci. (Icems-2016) At Jaipur National University, Jaipur During March 17-19, 2016.
10	Dr.V.N.Mishra, National Conference On Recent Trends In Applied Science & Technology (NCTRAST-2016) At TIT, Bhopal During May 6-7, 2016.
11	Dr.V.N.Mishra, Finite Or Infinite Dimensional Complex Analysis & Applications (24 th ICFIDCAA -2016) At Anand Int. College Of Engg., Jaipur, During August 22-26, 2016
12	Dr.V.N.Mishra, 15th Int. Conf. On Special Functions & Their Applications (ICSFA - 2016), At Dept. Of Appl. Math. & Hum. Faculty Of Engg. & Tech., Jamia Milia Islamia, New Delhi 110025, India., During Sept. 09-11, 2016
13	Dr.V.N.Mishra, National Conference On Algebra, Analysis, Coding And Cryptography (In Honour Of Prof. Bal Kishan Dass On The Occasion Of His Retirement) At Dept. Of Math., Univ. Of Delhi, Delhi During October 14-15, 2016.
14	Dr.V.N.Mishra, "Treasures Of Great Indian Mathematician Srinivasa Ramanujan" And National Conference On "Recent Trends Of Research In Math. & Appl. In Diverse Fields" Sponsored By DST At TDPG, College Jaunpur During Nov. 3-7, 2016.
15	Dr. Jayesh M. Dhodiya, Anita Tailor , Ga Based Hybrid Approach To Solve Multi Objective Interval Assignment Problem With Risk Attitude Parmeter, International Conference On "Science Emerging Scenario Nd Future Challenges (SESFC 2016), Dharmshalla, Himachal Pardesh India, 11-12 June 2016
16	Dr. Jayesh M. Dhodiya, Dhiren Pandit , PCA + LDA Based Model For Single Person Video Emotion Analysis With Fuzzy Approach, International Conference On Recent Trends In, Engineering And Material Sciences (ICEMS -2016), Jaipur National University, Jaipur, India, March 17-19, 2016
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20	Dr.Jayesh M. Dhodiya, Kirti Patel, Fuzzy Theory Based Solution Of Multi Objective Resource Allocation Problem: A Case Study Of Food Factory, National Seminar On "Role Of Statistics In Current Scenario". Organized By The Department Of Statistics, V.N.S.G. University, Surat, On 27th March, 2016.
21	K R Desai, V H Pradhan, A R Daga, P R Mistry, Approximate Analytical Solution Of Non-Linear Equation In One Dimensional Imbibition Phenomenon In Homogeneous Porous Media By Homotopy Perturbation Method, International Conference On Computational Heat And Mass Transfer-2015, NIT - Warangal, 30 Nov. – 2 Dec, 2015.
22	P. R. Mistry, V. H. Pradhan, Approximate Analytical Solution Of Non-Linear Equation In One Dimensional Instability Phenomenon In Homogeneous Porous Media In Horizontal Direction By Variational Iteration Method, International Conference On Computational Heat And Mass Transfer-2015, , NIT - Warangal, 30 Nov. – 2 Dec, 2015
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2	Karia S.P., N.C.Patel & K.N.Pathak, A comparison of TEC predicted by IRI 2012 with that measured at three different stations within EIA region in the Indian Sector for the years 201-2012 , International Reference Ionosphere 2015 workshop at KMITL, Bangkok, Thailand during 02-13, November, 2015.
3	Debesh R Roy, Atomic Clusters: A Unique Building Motif for Future Smart Nanomaterials, ICCMMP 2015), Bangkok, Thailand, 17-18 December, 2015.
4	Deobrat Singh and Y. A. Sonvane, Theoretical investigation of structural and electronic properties of ultrathin nickle nanowire, 2ND INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES: MICRO TO NANO 2015 (ETMN-2015) at Rajasthan, India during 24–25 October 2015
5	Ajay Rai, Hadron Structure and QCD, Gatchina, Russia, June 27 – July 1, 2016

CIVIL Engineering Department	
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1	B.J. Batliwala and Dr. Jayantilal N. Patel, "Economical Analysis for Modernization of Kakrapar Right Bank Main Canal, India", International Conference on Innovating Engineering Technologies, 10 th June, 2016, Zurich, Switzerland, pp 15-19

2	Patel, J. N. and Balve, P.N. “Evapotranspiration estimation with fuzzy logic”, International Conference on Innovating Engineering Technologies, 10 th June, 2016, Zurich, Switzerland, pp 20-23
3	Balve, P.N. and Patel, J.N., “Optimal reservoir operation policy using fuzzy linear programming”, International Conference on Innovating Engineering Technologies, 10 th June, 2016, Zurich, Switzerland pp 24-27.
4	Manisha Desai, Dr. Jayantilal N. Patel, “An Advanced GIS based Storm Water Drainage Networking Design for Bhimrad Area of Surat City (India) “,3rd International Conference on Earth Sciences and Engineering, Hyderabad Organized by Nehru Institute of Technology, Coimbatore, India & Cafet Innova Technical Society, Hyderabad, India, June 2016, PP. 221-228.
5	Resmi S R,P L Patel, Regional flood frequency relationship for the upper tapi basin Proceedings of International Conference, ICWEES-2016, Bhopal during March 14-18, 2016
6	Prabhat Chandra P L Patel P D Porey Sediment management modelling in Upper Tapi basin Proceedings of the 20th HYDRO – 2015 International held at IIT Roorkee, during Dec. 17-19, 2015.
7	Apoorv Tripathi P V Timbadiya P L Patel A 2-D Hydrodynamic Model for Urban Flood Plain of Surat City, India Proceedings of the 20th HYDRO – 2015 International held at IIT Roorkee, during Dec. 17-19, 2015.
8	Priyank Sharma, P L Patel, V Jothiprakash Stochastic Modelling for Inflow Prediction into Ukai Reservoir, India Proceedings of the 20th HYDRO – 2015 International held at IIT Roorkee, during Dec. 17-19, 2015.
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10	Resmi S R P L Patel Assessment of Regional Flood Frequency Model for the Upper Tapi Basin, India, Proceedings of the 20th HYDRO – 2015 International held at IIT Roorkee, during Dec. 17-19, 2015.
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12	Ankit Patel, P V Timbadiya, P L Patel, Development of IDF curve under non-stationary meteorological condition Proceedings of the 36th IAHR world congress 2015 at The Hague, Netherlands, during June 28-July 3, 2015.
13	P J Sharma, P L Patel, V Jothiprakash, A simulation – optimization approach in development of operation policy of a multipurpose reservoir Proceedings of the 36th IAHR world congress 2015 at The Hague, Netherlands, during June 28-July 3, 2015.
14	Dhvani Patwa, P L Patel, P V Timbadiya, Experimental investigation of turbulent bursting events in weakly mobile channel bed Proceedings of the 36th IAHR world congress 2015 at The Hague, Netherlands, during June 28-July 3, 2015.
15	V. D. Loliyana, P L Patel, Trend analysis of climate variables and their impact on stream flow using NAM model Proceedings of the 36th IAHR world congress 2015 at The Hague, Netherlands, during June 28-July 3, 2015.
16	Namrata Jariwala, Niharika Lodhi, “Ground Water Quality of Mahuva Taluka, Surat district (Gujarat) with Focus on Fluoride” Paper presented at 22 nd International Interdisciplinary conference on the Environment at Austin , Texas USA during 28 th June 2016 to 30 th June 2016 organized by The Interdisciplinary Environmental Association (IEA) USA.

17	B N Tandel, D R Sonaviya, "A Review on GIS-Based Approach for Road Traffic Noise Mapping" at an International Conference "RECYCLES" at IIT, Guwahati in March 2016.
18	B N Tandel, M M Yadav, "A Quick Review on Adoption of Fuzzy Logic in Prediction of Noise Pollution Effects" at an International Conference "RECYCLES" at IIT, Guwahati in March 2016.
19	Tripathy, P., Gupta, G., Chauhan, K.A., Patel, D. A. (2016). "E Governance: A critical factor for Indian smart cities- status, challenges, and issues." International Conference on Smart Sustainable Cities, Velagapudi R.S. Engineering College, Vijayawada, <i>Asian Pacific Journals</i> , ISBN: 978-81-930411-7-8.

Chemical Engineering Department	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page nos, Year*/
1	Y.R.Suryawanshi, M. Chakraborty, P. A. Parikh, S. Jauhari, Tailored Synthesis Of Ru Nanoparticle By Microwave Assisted Technique And Its Application In Hydrogenation Of Crown Ethers International Conference on Green Chemistry, Goa.
2	Paresh Rana and Parimal A Parikh, Gas phase oxidation of aqueous ethanol using gold supported cerium oxide catalyst, International Conference on Sustainable Chemistry & Engineering, Mumbai, and October 8 – 9, 2015.
3	Rakhi N Mehta, M. Chakraborty, PA Parikh, Nanofuels: Preparation, stabilization, and combustion 3rd World Congress on Petrochemistry and Chemical Engineering, Atlanta, USA, Nov. 30 – Dec. 2, 2015.
4	Bhagwan Pralhad Parihar, Mousumi Chakraborty, Smita Gupta, and Application of pseudo-emulsion hollow fiber strip dispersion system for the removal of propylparaben from the aqueous solutions, Proceedings of EDS's Desalination for the environment: Clean Water and Energy, Marriott Park Hotel, Rome, Italy, Publisher- Taylor & Francis, Page no- 9, May 22-26, 2016. Paper has been accepted for Desalination and Water Treatment.
5	Nitukumari, Sanjay R. Patel, Jignasa Solanki, Zinc Oxide Thin Film Preparation, Characterization, and applications in Solar Cell, SIL 33, in International Conference on Macromolecules, synthesis, morphology, Processing, Structure, Properties and Applications (ICM 2016), Kottayam, Kerala (India). 13-15 May 2016.
6	Jignasa N. Solanki and Sanjaykumar R. Patel, Zinc oxide thin film preparation, characterization and application in solar cells. International conference on Macromolecules: Synthesis, morphology, Processing, Structure, Properties and Applications (ICM 2016), Kottayam, Kerala (India). 13-15 May 2016.
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Computer Engineering Department	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page nos, Year*/
1	Ankit P. Navik, Mukesh A. Zaveri, Sristi Vns Murthy and Manoj Dawarwadikar, Microbenchmark based Performance Evaluation of GPU Rendering, In Proceedings of Emerging Research in Computing, Information, Communication and Applications (ERCICA-2015), Bangalore, India, Springer India, vol. 1, pp. 407-415, 31 July - 01 August, 2015.
2	Pramod Kachare, Alice Cheeran, Jagganath Nirmal and Mukesh Zaveri, Voice conversion: Wavelet based residual selection, In Proceedings of Fourth International Conference on Advances in Computing, Kochi, Kerala, India, 10-13 August 2015.
3	Mukesh A. Zaveri, Saurabh K. Pandey and J. Sathish Kumar, Collaborative Service Oriented Smart Grid using the Internet of Things, In Proceedings of Fifth IEEE International Conference on Communication and Signal Processing (ICCSP 2016), Melmaruvathur, Tamilnadu, India.6-8 April 2016.
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39	Jigar L Patel and D. I. Lalwani, Experimental investigation of Unbalanced in a Rotor Bearing System using Vibration Analysis, Int. Conf. on Advances in Dynamics, Vibration & Control (ICADVC 2016), held at NIT Durgapur during Feb. 25-27 2016, pp. 587-592.

40	Suresh Chandra Pal, SA Channiwalla, Ashok Kumar Yadav, Shatrughan Singh, Gaurav Gupta, "No Load and Load Test of Black Nickel Coated Solar Cooker Without using reflector in Surat, India and Validating against Indian standards" International Conference of Advance Research and Innovation (ICARI-2015) ISBN 978-93-5156-328-0
41	Naresh Kedam, Sudhakar Nakka, Beena D. Baloni and S. A. Channiwalla, "Enhancement of Wind Turbine Aerodynamic Performance Using New Designed Airfoils", ASME 2015 Gas Turbine India Conference, ASME 2015 Gas Turbine India Conference, Hyderabad, India, December 2–3, 2015, Conference Sponsors: International Gas Turbine Institute, ISBN: 978-0-7918-5731-1

(v) Conference Proceedings/Papers Presented in the National Conferences/Workshops/Seminars

Applied Chemistry Department	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page nos, Year*/
1	Oral presentation given by Smita Jauhari," Investigation of CPMA on corrosion of Mild steel in HCl solution. Dr. Smita Jauhari, Bhupendra Mistry, Ravi Patel "in ICRIE 2016, 12-13 th February 2016, organized by United group of institution and AIT, Thailand.
2	Premlata Kumari, Synthesis, Characterization and Bioassay of Benzimidazole based piperazine derivatives, XXXIV Annual Conference of the Indian Council of Chemists organized by UKA Tarsadia University, Bardoli, Surat, 26-28 Dec., 2015.
3	Poster Presentation: Jenifer Gabla, Kalpana C. Maheria, Sunil Mistry, 'Alum $KAl(SO_4)_2 \cdot 12H_2O$: An efficient and cost effective catalyst for the one pot synthesis of Diarylpyrimidinones, at 17 th National workshop on "Challenges in Catalysis Science and Technology", held at Hyderabad, India, during 23 rd – 25 th June 2016.

Applied Mechanics Department	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page nos, Year*/
1	Dr. B. K. Vendhan, Critical review of chloride induced corrosion, UKIERI congress-concrete research driving profit and sustainability, NIT Jalandhar, 2-5 Nov-2015.
2	Dr. B. K. Vendhan, Role of supplementary cementitious materials on chloride induced corrosion-An overview 2 nd R.N Raikar memorial International conference, The Lalit, Mumbai, 18-19 Dec-2015.
3	Dr. C H Solanki, Comparative Study of Effect of Waste Material on Black Cotton Soils in Surat Region- A Review, Indian Geotechnical Conference-2015, Pune, Page 12, 17th-19th Dec 2015.
4	Dr. C H Solanki, Effect of Fine Fraction on Shear Parameters of Sand-clay Mixtures, Indian Geotechnical Conference- 2015, Pune, Page 504, 17th-19th Dec 2015.
5	Sungyani Tripathy, A.K. Desai, Dynamic Analysis of Turbo Generator Frame Foundation using SAP: 2000 v 17.1 Software, Indian Geotechnical Conference, Organized by Indian Geotechnical Society, College of Engineering Pune (Date: 17th and 19th December 2015).
6	Nilesh Mevawala, Atul K Desai, Seismic analysis of building of sloping ground RACE, SVNIT, Surat, India. 5 – 6 March 2016.

7	Tripathi Rohit, Atul K Desai, Modal analysis of innovative cable supported bridge RACE, SVNIT, Surat, India. 5 – 6 March 2016
8	Dipak D Gaikwad., A.K. Desai, Parametric study of spire for seismic and wind loading RACE, SVNIT, Surat, India. 5 – 6 March 2016
9	Rao P, A.K. Desai, C.H. Solanki, Application of synthetic aperture radar (sar) data in the evaluation of volumetric settlement, RACE, SVNIT, Surat, India. 5 – 6 March 2016.
10	Deepam Patel, Atul K Desai and Mayank Desai, A state-of-the-art paper of study on computational analysis of blast effects exploiting two-way fluid structure interaction RACE, SVNIT, Surat, India. 5 – 6 March 2016.
11	Hemal J shah, Atul K Desai, Seismic time history analysis of tall tower considering soil structure interaction RACE, SVNIT, Surat, India. 5 – 6 March 2016.
12	Sungyani Tripathy, A. K. Desai, Dynamic behavior of turbo machine foundation with different thickness of raft RACE, SVNIT, Surat, India. 5 – 6 March 2016.
13	Pramod Keshav Kolase, Atul K. Desai, A Review on Roller Compacted Concrete and its Application, RACE, SVNIT, Surat, India. 5 – 6 March 2016.
14	Shukla P. J., Atul K. Desai, Modhera C. D, Transient response of RCC building subjected to blast loading RACE, SVNIT, Surat, India. 5 – 6 March 2016.

Applied Mathematics And Humanities Department	
No.	/*Authors, Title Of The Paper, Proceedings Of The Conference, Venue, Publisher, Page Nos, Year*/
1	R. K. Jana, "A Note On Sheffer Polynomials" Published In The Proceeding Of 81 st Annual Conference Of Indian Mathematical Society, Held At VNIT, Nagpur, During December 27-30, 2015.
2	R. K. Jana, "Modeling Epidemics Using Fractional Calculus" At UGC Sponsored National Seminar "Recent Trends In Biomathematical Modeling Under Uncertain Environment" At Mugberia Gangadhar Mahavidyalaya, West Bengal., 2016.
3	Presented Paper "Degree Of Approximation By The T.E ¹ Means Of Conjugate Series Of Fourier Series In The Hölder Metric" & Chaired The Session On Pure Mathematics In National Conference On Mathematical Analysis And Computation (NCMAC – 2015), At MNIT, Jaipur, During February 20-21, 2015.
4	Dr. Jayesh M. Dhodiya, Solution Of Multiobjective Optimization Problem By Fuzzy Membership Function, International Conference On Advance In Management Science At G. B. University, Greater Noida, During 11-12 July, 2015.
5	Dr. Jayesh M. Dhodiya, Anita Tailor, Genetic Algorithm Based Approach To Solve Multi Objective Assignment Problem, National Seminar On "Recent Developments In Applied Statistics (NSRDAS -2015), Department Of Statistics, Balwant College, Vita In Collaboration With Department Of Statistics, Shivaji University, Kolhapur, Maharashtra, Held On 25 th And 26 th September 2015.

Annual Report (2015-16)

Applied Physics Department	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page nos, Year*/
1	Karia S.P., N.C.Patel & K. N. Pathak, On performance of IRI 2012 model in deriving TEC at Equatorial Ionization Anomaly (EIA) region in Indian Sector, 19 th National Space Science Symposium (NSSS-2016) at SPL, VSSC, Thiruvananthpuram, Kerala, in Feb -2016.
2	D. R. Roy, In ₄ Mg ₃ in In _x Mg ₃ (x=1-6) Series: A Magic Unit for Future Smart Materials, International Conference on Nanomaterials and Nanotechnology (NANO-15), K.S.R. College of Technology, Tiruchengode, India, Dec. 2015

Chemical Engineering Department	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page nos, Year*/
1	Niraj Kulkarni, Preeti Dauthaland Mausumi Mukhopadhyay, (2015), "Green synthesis of iron complex nanoparticles using Delonix regia leaf" Published in Proceeding of 68 th Annual Session of Indian Institute of Chemical Engineers (CHEMCON 2015), IIT Guwahati, India. NT-097, 30-35.
2	Nilesh S. Dumore, Abhishek Kumar Singh and Mausumi Mukhopadhyay, (2015), "Degradation of oil and grease using immobilized <i>Aspergillus niger</i> lipase", Published in Proceeding of 68 th Annual Session of Indian Institute of Chemical Engineers (CHEMCON 2015), IIT Guwahati, India. BE-056, 41-46.
3	Gaurav Mishra and Mausumi Mukhopadhyay, (2015), "Study of surface morphology and role of extracellular polymeric substances in membrane biofouling", Published in Proceeding of 68 th Annual Session of Indian Institute of Chemical Engineers (CHEMCON 2015), IIT Guwahati, India. WW-199, 179-184.

Computer Engineering Department	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page nos, Year*/
1	Unnati S. Shah, Sankita J. Patel, Devesh C. Jinwala. Formal Specification of Functional and Non-functional Requirements: A Hybrid Approach. PhD Symposium XRCI Open, Xerox Incorporation, Bangalore, January 21, 2016

Electronics Engineering Department	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page nos, Year*/
1	Ms. Sheetal M. Ruparelia' Ms. Priyanka L. Lineswala, Ms. Darshna D. Jagiwala, Mr. Mehul V. Desai, Dr. Shweta N. Shah, Dr. Upena D. Dalal, "Study of L5 Band Interferences on IRNSS", GNSS- IRNSS User meet, ISRO Bangalore Proceedings, ISRO, 8 oct.2015.

Mechanical Engineering Department	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page nos, Year*/
1.	Pratik Parwatwar, Rahul Jagtap, and S. Kumar, An investigation of the surface quality in hybrid incremental sheet metal forming process, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 131-136, 12-14 May,2016
2.	Rahul Jagtap, Mehul Choudhari, and S. Kumar, Experimental investigation on accuracy and surface roughness in single point incremental forming process, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 137-142, 12-14 May,2016
3.	Vikas Sisodia, Rahul Jagtap, and S. Kumar, A review on experimental study of incremental sheet forming process, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat,143-148, 12-14 May,2016
4.	Ajit Dhanawade, and S. Kumar, Development of predictive model for kerf taper ratio in abrasive water jet machining of carbon epoxy composite, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 207-212, 12-14 May,2016
5.	Aniket Jadhav, and S. Kumar, Laser beam machining - A review, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 237-242, 12-14 May,2016
6.	N.D. Chauhan, Dr. M. N. Qureshi, Dr. T. N. Desai and R.B. Dave, An Applications of Lean Manufacturing Principles, Tools and Techniques in Industry, National Conference on "Recent Advances in CAD/CAM/CAE (NCRACCC 2015), C.U. Shah College of Engineering & Technology, Wadhwan City, Gujarat, August 7, 2015
7.	S.Y. Jani and T.N. Desai, Identification of Critical Success Factors & Performance Measures for Lean Manufacturing Practices: A Review in context of SMEs, National Conference on "Recent Advances in CAD/CAM/CAE (NCRACCC 2015), C.U. Shah College of Engineering & Technology, Wadhwan City, Gujarat, August 7, 2015
8.	P. Bhatt, A. Tewari and Harit K. Raval, Modelling of oblique cutting process using coulombs friction law for Ti-6Al-4V alloy , In the proceeding of the 6 th national conference on Recent Advances in Manufacturing(RAM- 2016) held at S V National Institute of Technology, Surat, 01-06, 12-14 May,2016
9.	P. Bhatt, A. Tewari and Harit K. Raval, Parametric study and modelling of orthogonal cutting process for AISI 4340 and Ti-6Al-4V alloy, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat,61-66, 12-14 May,2016
10.	Ravi J. Bhatt and Harit K. Raval, Analysis of backward flow forming process using DOE, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 120-125, 12-14 May,2016

11.	Balkesh, R. Jagtap and S. Kumar, An investigation on surface roughness in multistage incremental forming process, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing(RAM- 2016) held at S V National Institute of Technology, Surat, 149-154, 12-14 May,2016
12.	Parth U. Rana, Vishal J. Mathai and Harshit K. Dave, Electrode wear compensation in EDM: An ANFIS approach, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 190-195, 12-14 May,2016
13.	Dhaval P. Ghaoghalia, Shilpesh R. Rajpurohit and Harshit K. Dave, Experimental study on effect of process parameter on orbital electro discharge machining, , In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 13-218, 12-14 May,2016
14.	A. K. Rouniyar, A. Dhanawade and S. Kumar, Investigation on influence of process parameters on surface roughness of abrasive water jet machined lead zirconate titanate ceramic material, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 243-248, 12-14 May,2016
15.	R. Upadhyai, A. K. Rouniyar, A. Dhanawade, and S. Kumar, A review on abrasive water jet machining of metal and alloy, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 249-254, 12-14 May,2016
16.	R. Upadhyai, A. Dhanawade, and S. Kumar, Investigation on influence of process parameter on kerf taper in abrasive water jet machining of lead zirconate titanate ceramic, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 255-260, 12-14 May,2016
17.	M. Raj and R. Kant, Supply chain outcomes: Fuzzy MICMAC analysis, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 12-14,329-333, May,2016
18.	R. K. Malviya, R. Kant and M.K. Dalvi, Analyzing the strategies of green supply chain management implementation, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 334-338, 12-14 May,2016
19.	N. Gothi and S. Kumar, Automatic feature extraction and a knowledge based system for strip selection and cost estimation of sheet metal parts produced on compound die, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 430-435, 12-14 May,2016

20.	S.R. Ingole and D. Singh, Particle swarm optimization for unequal area facility layout problem, , In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 356-361, 12-14 May,2016
21.	A. Vyas, C. Satwani, A. Thakkar and Harshit K. Dave, optimization of energy consumption during ultrasonic welding of Al1100, In the proceeding of the 6 th national conference on Recent Advances in Manufacturing (RAM- 2016) held at S V National Institute of Technology, Surat, 539-543, 12-14 May,2016
22.	C. Bandapalli, B.M. Sutaria, D.V. Bhatt, An Overview on Tool Wear Mechanisms in Metal Cutting, TFSTA, SVNIT Surat, 27-28 May. 2016.
23.	S. R. More, D.V. Bhatt, J. V. Menghani, An Overview On Up gradation Of Different Laboratory Test Rig Use To Study The Slurry Erosion Wear, TFSTA, SVNIT Surat, 27-28 May. 2016.
24.	A. B. Kakade, D.V. Bhatt, J. V. Menghani, Study of Tribological parameters of three roller sugar cane mill industry research overview, TFSTA, SVNIT Surat, 27-28 May. 2016.
25.	Hiren Dave, B. M. Sutaria, Fundamentals of homogeneous Charges compression Ignition (HCCI) Engines TFSTA, SVNIT Surat, 27-28 May. 2016.
26.	Simon Bhadvakwad, B. M. Sutaria, Finite element Analysis of Stresses and Hollowness of Tapered Roller Bearing, TFSTA, SVNIT Surat, 27-28 May. 2016.
27.	Keyur Mulani, D. V. Bhatt, B. M. Sutaria, A Review on Tribological Behaviour of Magneto rheological Fluid, TFSTA, SVNIT Surat, 27-28 May. 2016.
28.	Tejas, Chaudhary, B. M. Sutaria, Piston ring Liner Assembly Friction In I. C. engine - A Review, TFSTA, SVNIT Surat, 27-28 May. 2016.
29.	J. Vasava, D. V. bhatt, B.M. Sutaria, Magneto rheological Fluid, as lubricant in bearings – A review, TFSTA, SVNIT Surat, 27-28 May. 2016.

(vi) Conference / Workshop / Seminar / Symposium /Short Term Programmes Organized at SVNIT (Other than TEQIP).

Mechanical Engineering Department				
No.	Faculty	Name of Programme	Sponsoring Agency/ Self financed	Period
1	Dr. R. Venkata Rao	15 th one-week short term training program on “Advanced engineering optimization through intelligent techniques”	Self-finance	21-25 March 2016
2	Dr. H. K. Dave Dr. H. K. Raval	6th National conference on “Recent Advances in Manufacturing”	DST, New Delhi	12-14 May, 2016

Annual Report (2015-16)

	Dr. S. Kumar			
3	Dr. H. K. Dave Dr. H. K. Raval	One week STTP on “Tools and Techniques for Effective Teaching and Research”	Self-finance	26 – 30 October, 2015
4	Dr. H. K. Dave Dr. H. K. Raval	One week STTP on “Advances in Material Processing”	Self-finance	29 June – 03 July, 2015
5	Dr. B. M. Sutaria Dr. H. B. Mehta	National Conference on Thermal Fluid Science and Tribology Applications	Self-finance	27-28 May 2016.

Electrical Engineering Department

No.	Faculty	Name of Programme	Sponsoring Agency/ Self financed	Period
1	Dr. S. N. Sharma	A week short term course on ‘Power electronic circuits and control’.	Self-finance	December 14-18, 2015

Electronics Engineering Department

No.	Faculty	Name of Programme	Sponsoring Agency/ Self financed	Period
1	Dr. (Mrs.) U. D. Dalal	1 day seminar on World telecom and Information Society day-2015 Chair-IETE Surat Subcenter	IETE Vadodara and IETE Surat Sub-center joint event	17May, 2015
2	Dr. J.N. Sarvaiya Dr. (Mrs.) U. D. Dalal, Dr. (Mrs.) J N Patel Dr. (Mrs.) S N Shah	Two days National seminar , "New Trends in Signal Processing (NeTSiP-2015)"	IEEE Gujarat section, IEEE signal processing society	3- 4 October,2015
3	Mr. Nilesh Makwana (Teaching Assistant, ECED, SVNIT , Surat)	Seminar on “ Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications"	Self-Finance	14 October,2015
4	Dr. A. D. Darji	Connect it (soldering competition)	IEEE students branch- Gujarat section	16October,2015
5	Dr. (Mrs.) S.N. Shah Mr. Nilesh Makwana (TA)	One Day Finishing School On “Interfacing Of GSM Module With 8051 Microcontroller”	Self-Finance	17 October,2015

Annual Report (2015-16)

6	Dr. Mrs. Rasika Dhavse Dr. (Mrs.) S.Gupta	Electronics Quiz	ISF SVNIT	15 October, 2015 (Round 1) 19 October, 2015(Round 2)
7	Dr. Mrs. Rasika Dhavse Dr. (Mrs.) S.Gupta	Math-Talk: Lecture series on Engineering Mathematics	ISF SVNIT	30 October- 6 November, 2015
8	Dr. (Mrs.) U. D.Dalal, Dr. Mrs. Rasika Dhavse Dr. (Mrs.) S.Gupta	Seminar on “ Holistic Health in Youth” by Dr. Raj Shetty	ISF SVNIT , IETE Surat subcenter	2 November, 2015
9	Dr. A. D. Darji, Mr. Jay Pathak Mr. Bhaskar	Latex Workshop	Self-Finance	17 December, 2015
10	Dr. A. D. Darji	Seminar on “How to write paper in IEEE Journal”	Self-Finance	18 December, 2015
11	Dr. A. D. Darji	Seminar on “ Presentation Skill”	Self-Finance	19 December, 2015
12	Dr. A. D. Darji	Tool training of Sentaurus TCAD of Synopsys	Self-Finance	5 February, 2016
13	Dr. A. D. Darji	Arduino workshop	IEEE students branch- Gujarat section	6-7 February, 2016

Chemical Engineering Department				
No.	Faculty	Name of Programme	Sponsoring Agency/ Self financed	Period
1	Dr. V. N. Lad Dr. M. Mukhopadhyay Prof. Z. V. P. Murthy	Short Term Training Programme on ‘Interfacial Engineering and Nanotechnology for Sustainable Environment’	Self Finance	10-14 August, 2015
2	Sanjay R. Patel	STTP on Recent Trends in Chemical Engineering	Self Finance	7-15 July, 2016

Annual Report (2015-16)

CIVIL Engineering Department				
No.	Faculty	Name of Programme	Sponsoring Agency/ Self financed	Period
1	Dr. J.N. Patel	Research Methodology for Engineering and Management	Self Finance	16-05-2016 to 27-05-2016
2	Dr. J.N. Patel	Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System	IIRS outreach programme / distance learning programme conducted by IIRS (ISRO), Dehradun	10-08-2015 to 27-11-2015
3	Dr. J.N. Patel	Geospatial Technologies for Urban Planning	IIRS outreach programme / distance learning programme conducted by IIRS (ISRO), Dehradun	11-02-2016 to 15-03-2016
4	Dr. P. L. Patel Dr. P. V. Timbadiya	STTP on 'Design of Storm Water Network for Smart City: Theory and Practice'	Self Finance	Dec. 28, 2015 – Jan. 01, 2016
5	Dr. Mrs. A. K. Khambete	Analytical Techniques for Environmental Auditors	CED,SVNIT and GPCB Gandhinagar Self finance.	26-30 Sep. 2016
6	Dr. Mrs. A. K. Khambete	Analytical Techniques for Environmental Auditors	CED,SVNIT and GPCB Gandhinagar Self finance.	3 days April 2016

Applied Physics Department				
No.	Faculty	Name of Programme	Sponsoring Agency/ Self financed	Period
1	Dr. Yogesh Sonvane	TWO WEEK ISTE STTP on Engineering Physics	National Mission on Education through ICT (MHRD, Government of India)	8-18 December 2015.

Applied Mathematics And Humanities Department				
No.	Faculty	Name of Programme	Sponsoring Agency/ Self financed	Period
1	Dr. R. K. Jana, Dr. L. K. Saini, Dr. B. Z. Dholakiya	Science Festival PRAKRITI 2016.	SVNIT (Under SCOSH)	5-6,February, 2016

Applied Mechanics Department				
No.	Faculty	Name of Programme	Sponsoring Agency/ Self financed	Period
1	Dr. B. K. Vendhan	Recent advances in Durability of Concrete (RADC-2015)	Self Finance	9th-11 th , Oct 2015
2	Dr. C H Solanki	Geotechnical Investigations, Interpretations & Improvements (GIII-2015)	Self Finance	14-18 th July 2015
3	Dr. C H Solanki	International (Speaker) Training Course on Introduction to Geosynthetics and Their Application (ITCIGA-2015)	Self Finance	14 December 2015

(vii) Expert Lectures delivered by the faculty members at SVNIT/other Institute/Organizations

Applied Chemistry Department			
No.	Faculty	Title of Lecture	Place & Date
1	Dr. Premlata Kumari	Chemical modifications for value addition in medicinal crops	Directorate of Medicinal and Aromatic Plants Research, Boriavi, Anand on 9 Dec, 2015.
2	Dr. Premlata Kumari	Research and research methodology.	SVNIT, Surat on 10 Feb, 2016

Applied Mechanics Department			
No.	Faculty	Title of Lecture	Place & Date
1	Dr D B Raijiwala	EARTHQUAKES AND TRADITIONAL HOUSING SYSTEM (ADOBE RURAL HOUSING)	SHORT TERM TRAINING PROGRAMME ON EARTHQUAKE ENGINEERING FOR ENGINEERS AND ARCHITECTS, 24-26, FEB -2016 AT SVNIT SURAT.

2	Dr D B Raijiwala	GREEN CONCRETE TECHNOLOGY GEOPOLYMER CONCRETE & BACTERIAL CONCRETE	RECENT ADVANCES IN TESTING METHODOLOGY AND TECHNIQUES FOR ENGINEERED MATERIALS, JULY-01-07-2016 AT SVNIT SURAT
3	Dr. B. K. Vendhan	Service life prediction of concrete structures	SVNIT, 10 th -OCT-2015
4	Dr. C H Solanki	Quick Computation of Foundation Settlement using Empirical correlations	8 th International Conference on Electrical, Electronics and Civil Engineering (ICEECE-16), Dubai (UAE), 12 January 2015
5	Dr. C H Solanki	Soil Investigations & Parameters	Geotechnical Investigations, Interpretations & Improvements (GIII-2015), SVNIT, Surat, 14-18 th July 2015
6	Dr. C H Solanki	Foundation settlement & its Predictions	Geotechnical Investigations, Interpretations & Improvements (GIII-2015), SVNIT, Surat, 14-18 th July 2015
7	Dr. C H Solanki	Emerging Research Trends in Geotechnical Engineering	Civil Engineering Department in association with Research and Development Committee, SCET, organized an Expert Talk, 10 th February 2016
8	Dr. C H Solanki	Geotechnical Investigation and Soil Structure Interaction	Civil Engineering Department of C. G. Patel Institute of Technology, UTU, Bardoli, Gujarat, 26-27 February 2016
9	Dr. C H Solanki	Geotechnical Earthquake Engineering	Earthquake Engineering for Engineers and Architects-2016 SVNIT, Surat, 25 February 2016
10	Dr. C H Solanki	Geotechnical Earthquake Engineering	Earthquake Engineering for Engineers and Architects-2016 SVNIT, Surat, 04 February 2016
11	Dr. C H Solanki	Soil properties and explorations or Ground Improvement	Short term training program on "Soil Investigations and Design of Foundations", Department of Civil Engineering, M.A.N.I.T. Bhopal and IGS Bhopal Chapter, June 27 th to July 1 st 2016

Annual Report (2015-16)

12	Dr S N Desai	Durability and Measurement of permeability of concrete	RADC – 9 – 11 October 2015
13	Dr S N Desai	Advanced on Durability of Concrete	A D Patel Institute of Technology, New Vallabh Vidyanagar on 13 th April 2016
14	Dr. A.K. Desai	Seismic Response of Dfferent Types of cable Stayed Bridges at Vibrant Gujarat	7/1/2015, Gujarat
15	Dr. A.K. Desai	Recent advances in structural engineering,	16/9/2016, DV Kalpanaengg. College
16	Dr. A.K. Desai	Recent advances in structural engineering	16-28th May, 2016, BVM Engineering college
17	Dr. A.K. Desai	Recent advances in structural engineering,	22-23, August/2016, BVM Engineering college
18	Dr. A.K. Desai	Research Methodology,	3rd-5th Feb 2016, VV nagar
19	Dr. A.K. Desai	Earthquake Engineering for Engineers and Architects”,	24-26th Feb 2016SVNIT, SURAT
20	Dr. A.K. Desai	Earthquake Engineering for Engineers and Architects”,	27/Feb/2016SVNIT, SURAT
21	Dr. A.K. Desai	Geotechnical Investigation & Soil Structure Interaction	10/3/2016, SURAT
22	Dr. A.K. Desai	Fibre Reinforced Concrete and Fibre Reinforced soil Applications,	14/3/2016, Ambuja cement, Mumbai
23	Dr. A.K. Desai	Recent advances in structural engineering,	15/3/2016, Aditya Birla UltraTech, surat, Gujarat
24	Dr. A.K. Desai	Earthquake engineering,	12/August/2016, C KPithawala College of engineering and technology, surat, Gujarat

Applied Mathematics And Humanities Department			
No.	Faculty	Title Of Lecture	Place & Date
1	Dr. R. K. Jana	“Modeling Epidemics Using Fractional Calculus”	Invited Lecture In The UGC Sponsored National Seminar On “Recent Trends In Biomathematical Modeling Under Uncertain Environment” At Mugberia Gangadhar Mahavidyalaya, West Bengal On 12.09.2015.

2	Dr. R. K. Jana	“Linear Programming Problems: Solution Methodology And Applications”	One Day State Level Seminar (Sponsored By GUJCOST) On “Optimization Techniques For Engineers And Researchers” At Vadodara Institute Of Engineering On 11.12.2015.
3	Dr. R. K. Jana	“Differential Equations (First Order)”	Short Term Training Programme On “Computational Techniques For Differential Equations (CTDE 2016)” During May 2-6, 2016 At SVNIT, Surat.
4	Dr. R. K. Jana	“Differential Equations (Higher Order)”	Short Term Training Programme On “Computational Techniques For Differential Equations (CTDE 2016)” During May 2-6, 2016, At SVNIT, Surat.
5	Dr.R.K Meher	Differential Transform Method And Its Application To Agricultural Problems.	ICAR Sponsored Summer School On Numerical Technique And Its Application To Agricultural And Food Engineering Problems Anand Agriculture University, Anand
6	Dr.R.K Meher	Adomian Decomposition Sumudu Transform Method For Temperature Distribution, Fin Efficiency And Fin Effectiveness Of Convective Straight Fins.	International Conference On Current Trends In PDES:Theory And Computations, South Asian University, New Delhi, During 28th -30th Dec-2015
7	Dr.R.K Meher	Adomian Decomposition Sumudu Transform Method, A Theoretical Approach.	TEQIP Sponsored STTP On “Computational Heat And Mass Transfer” During 14th - 18th December-2015
8	Dr.R.K Meher	Application Of Adomian Decomposition Sumudu Transform Method To Heat And Mass Transfer Problems	TEQIP Sponsored STTP On “Advances In Computational Heat And Mass Transfer” During 01 st -05 th august-2016
9	Dr. H. P. Bulsara	Research Methodology: Tools And Techniques	Delivered An Expert Lecture On : Case Study Research In The STTP On ‘Research Methodology: Tools And Techniques’, Organized By Mechanical Engineering Department, SVNIT, Surat, During 15-19 June, 2015
10	Dr. H. P. Bulsara	Case Study Research	Delivered An Expert Lecture On : Case Study Research In The STTP On Supply Chain Management And E-Business, Organized By Mechanical Engineering Department, SVNIT, Surat During 22-26 June, 2015

11	Dr. H. P. Bulsara	Commercialization Of Technology Innovations - Issues And Challenges	Delivered An Expert Lecture On : Commercialization Of Technology Innovations - Issues And Challenges At Government Polytechnic For Girls, Surat, On 21 st January, 2016
12	Dr. H. P. Bulsara	(1) Case Study Research, (2) Commercialization Of Technology Innovations And Patents , (3) Management Games – I (Ring Toss For Goal Seeking – Risk And Rewards) And (4) Management Games – II (Blind Fold Building Blocks- Goal Seeking – Role Clarity)	Delivered Sessions On : (1) Case Study Research, (2) Commercialization Of Technology Innovations And Patents , (3) Management Games – I (Ring Toss For Goal Seeking – Risk And Rewards) And (4) Management Games – ii (Blind Fold Building Blocks- Goal Seeking – Role Clarity) At SVNIT, Surat, On 23 rd And 25 th May, 2016 In The STTP On: “Research Methodology For Engineering And Management”
13	Dr. H. P. Bulsara	Commercialization Of Technology Innovations - Issues And Challenges	Delivered An Expert Lecture On : Commercialization Of Technology Innovations - Issues And Challenges At Government Polytechnic For Girls, Surat, On 14 th June, 2016 In The ISTE And CTE Approved STTP On: “Entrepreneurial Skill Development With Sustainable Growth” During 13 – 17 June, 2016
14	Dr. H. P. Bulsara	Commercialization Of Technology Innovations - Issues And Challenges	Delivered An Expert Lecture On : Commercialization Of Technology Innovations - Issues And Challenges At Government Polytechnic For Girls, Surat On 14 th June, 2016 In The ISTE And CTE Approved STTP On: “Use Of ICT In Education” During 20 – 24 June, 2016
15	Dr. H. P. Bulsara	Commercialization Technology Innovations: Issues And Challenges	A Session Chair And A Speaker In The International Workshop On Entrepreneurship For Scientists And Engineers, Jointly Organized By Institute Of Physics (IOP), London, UK And M. S. University Of Baroda At Vadodara, During 19 th September To 21 st September, 2016. He Has Delivered A Talk On- “Commercialization Technology Innovations: Issues And Challenges”

16	Dr. V. N. Mishra	Fourier Approximation	Delivered Invited Lecture In 24 th International Conference On Finite Or Infinite Dimensional Complex Analysis & Applications (24 th ICFIDCAA - 2016) During August 22-26, 2016 At Anand Int. College Of Engg., Jaipur. Url: Http://Anandice.Ac.In/24icfidcaa-2016/Plenary-Speakers-Participants/
17	Dr. V. N. Mishra	Approximation Theory	Delivered Invited Talk In National Workshop On "Treasures Of Great Indian Mathematician Srinivasa Ramanujan" And National Conference On "Recent Trends Of Research In Math. & Appl. In Diverse Fields" Sponsored By DST At TDGP, College Jaunpur During Nov. 3-7, 2016.
18	Dr. Jayesh M. Dhodiya	Material Sciences And Compartment Modeling	TEQIP-II Sponsored STTP" Advanced Scientific Tools For Material And Nuclear Technology (ASTMNT 2016) 2-6 May 2016.
19	Dr. Jayesh M. Dhodiya	Multi Objective Optimization Modeling	State Level Seminar On " Optimization Technique For Engineers And Researchers" VIT, Vadodara, 11 th December, 2015
20	Dr. Jayesh M. Dhodiya	How To Teach Mathematics	Faculty Development Programme At Parul University Vadodara, January 1-12, 2016
21	Dr. Jayesh M. Dhodiya	Real World Problem Based Solution	Mathematical Tools And Techniques For Engineering Research" Sponsored By TEQIP li During May 30 To Jun 3, 2016.
22	Dr. Jayesh M. Dhodiya	Real World Problem Based Mathematical Modeling	One Week STTP Mathematical Modeling And Simulation For Researchers, Engineers And Scientist SVNIT, TEQIP-II Sponsored STTP, SVNIT, 11 th – 15 th , July 2016
23	Dr. Jayesh M. Dhodiya	Optimization Modeling With Application	One Week STTP Mathematical Modeling And Simulation For Researchers, Engineers And Scientist SVNIT, TEQIP-II Sponsored STTP ,SVNIT, 11 th – 15 th , July 2016
24	Dr. Jayesh M. Dhodiya	Basics Of Mathematical Modeling And Simulation	One Week STTP Mathematical Modeling And Simulation For Researchers, Engineers And Scientist SVNIT, TEQIP-II Sponsored STTP, SVNIT, 11 th – 15 th , July 2016
25	Dr. Jayesh M. Dhodiya	Mathematical Modeling And Simulation	TEQIP-II Sponsored STTP" Science And Technology Of Advance Material 21-23 Aug. 2015.
26	Dr. Jayesh M. Dhodiya	Compartment Model Based Mathematical Model	TEQIP-II Sponsored STTP" Advanced Scientific Tools For Material And Nuclear Technology, 29-31 May 2016.

Annual Report (2015-16)

27	Dr. Jayesh M. Dhodiya	Differential Equation Based Mathematical Models For Real World Problems	Application Of Ordinary Differential Equation In Science And Engineering 4 th April, 2016, UTU Bardoli
28	Dr. Jayesh M. Dhodiya	Effective Mathematics Teaching In Class Room	Atomic Power Station KAPS, December 2015
29	Dr. Jayesh M. Dhodiya	How To Create Mathematical Model For Real World Problem	Atomic Power Station KAPS , December 2015
30	Dr. Jayesh M. Dhodiya	Transportation Assignment Problem And Solution Technique	Faculty Development Programme , Parul Institute Of Technology, 12-01-2016
31	Dr. Jayesh M. Dhodiya	Mathematical Modeling For Real World Problems	RKM
32	Dr. Jayesh M. Dhodiya	Multi-objective Transportation Problem And Their Solution Through Genetic Algorithm	One Day State Level Seminar On Optimization, VIT, Baroda 11-12-2015
33	Dr. Jayesh M. Dhodiya	Basics Of Modeling And Its Compartment Based Application	TEQIP-II Sponsored STTP On Science & Technology On Advance Material, Organized By Applied Physics Department, SVNIT, Surat, 22/08/2015
34	Dr. Jayesh M. Dhodiya	Mathematical Modeling Of River Ganga Pollution Cleaning And Simulation	TEQIP-II Sponsored STTP On Mathematical And Optimization Modeling With Scientific Tools For Researcher Engineers And Scientists , SVNIT, Surat, 24/07/2015
35	Dr. Jayesh M. Dhodiya	Multi-objective Optimization Modeling And Simulation	TEQIP-II Sponsored STTP On Mathematical And Optimization Modeling With Scientific Tools For Researcher Engineers And Scientists , SVNIT, Surat, 25/07/2015
36	Dr. V. H. Pradhan	Vector Calculus	Faculty Development Programme, Parul Institute Of Engineering & Tech., Vadodara, Jan, 09, 2016
37	Dr. V. H. Pradhan	Advanced Numerical Methods With Its Application To Oil Recovery Processes	Twentieth Annual Conference Of Gwalior Academy Of Mathematical Sciences & Symposium On Mathematics In Real Life Problems With Special Reference To Life Sciences, JIWAJI University, Gwalior (M.P.), Feb. 5 – 7, 2016
38	Dr. V. H. Pradhan	Advanced Numerical Techniques	International Conference On Advances In Electronics, Computer And Mathematical Sciences, Sagar Institute Of Tech., Bhopal (M.P.), Feb.26 – 28, 2016

Annual Report (2015-16)

39	Dr. V. H. Pradhan	Applications Of Ode In Mechanical Engineering And Epidemic	Short Term Training Programme On Modeling And Simulation For Researchers, Engineers And Scientist , SVNIT, Surat, 11 – 15, July, 2016
40	Dr. V. H. Pradhan	Advanced Numerical Techniques	Short Term Training Programme On Modeling And Simulation For Researchers, Engineers And Scientist, SVNIT, Surat, 11 – 15, July, 2016
41	Dr. V. H. Pradhan	Numerical Methods For Engineers	Modelling Week And Study Group Meeting, ITM Universe Campus, Vadodara, 11, March, 2016
42	Dr. V. H. Pradhan	Application of Polynomials	Regional Level Mathematics/Physics Orientation Programme For Trained Graduate Teachers At Atomic Energy Central School, Kakrapar, Taluka Vyara, Gujarat, Dec.31, 2015
43	Dr. V. H. Pradhan	Finite Difference Methods (FDM)	Short Term Training Programme On Computational Heat & Mass Transfer, SVNIT, Surat, Dec., 14 – 18, 2015
44	Dr. V. H. Pradhan	Finite Element Methods (FEM)	Short Term Training Programme On Computational Heat & Mass Transfer, SVNIT, Surat, Dec., 14 – 18, 2015
45	Dr. A. K. Shukla	A Class Of Polynomials And Their Classifications.	International Conference On Recent Trends In Mathematics (ICRTM 2015), Organized By Department Of Mathematics, University Of Allahabad, Allahabad (U.P), India During July 10-12, 2015.
46	Dr. A. K. Shukla	Q-Sheffer Polynomials	International Conference On Special Functions And Their Applications (ICSFA-2015) & Symposium On Fractional Calculus & Its Applications To Special Functions Organized By Department Of Mathematics, Amity Institute Of Applied Sciences, Amity University, U.P., Noida, India, During September 10-12,2015.
47	Dr. A. K. Shukla	Extension Of Sheffer Classification For Two Variables	18 th International Conference Of International Academy Of Physical Sciences (CONIAPS XVIII) ,Organized By Department Of Mathematics , University Of Allahabad , Allahabad (U.P), India During December 22-24, 2015
48	Sushil Kumar	Delivered 6 Lectures On “Numerical Methods And Their Matlab Implementation”	Numerical Computation Using Matlab” During November 26 - 30, 2015 At Veer Bahadur Singh Purvanchal University, Jaunpuru.P. India-222003

49	Sushil Kumar	<ul style="list-style-type: none"> • Introduction To Collocation Method Using B-Splines • Introduction To Matlab (02 Lectures) • Introduction To Finite Difference Method (02 Lectures) • Method Of Characteristics 	Computational Techniques For Differential Equations At SVNIT, Surat During 02-06 May 2016.
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Chemical Engineering Department			
No.	Faculty	Title of Lecture	Place & Date
1	Dr.Z.V.P. Murthy	Nanotechnology in Membrane Separations-1 (Nanosynthesis of Drugs for Medical Applications: Nanomaterials & Membranes)	S.V. National Institute of Technology, Surat, August 10-14, 2015.
2	Dr.Z.V.P. Murthy	Nanotechnology in Membrane Separations-2 (Composite Nanofiltration Membranes with Multi-Walled Carbon Nanotubes)	S.V. National Institute of Technology, Surat, August 10-14, 2015.
3	Dr.Z.V.P. Murthy	Nanotechnology in Membrane Separations-3 (Application of TiO ₂ Nanoparticles in Membranes)	S.V. National Institute of Technology, Surat, August 10-14, 2015.
4	Dr. Mausumi Mukhopadhyay	Nano Mission 2020	SVNIT, 14 th August, 2015
5	Dr. Mausumi Mukhopadhyay	Biosynthesized Nanoparticle for Environmental Applications	SVNIT, 12 th August, 2015
6	Dr. Mausumi Mukhopadhyay	Phytological Approaches for Nanoparticle Synthesis	SVNIT, 12 th August, 2015
7	Dr. Mausumi Mukhopadhyay	Nano Mission 2020	SCET, Surat, 4 th March, 2016
8	Dr. Chetan M. Patel	Preparation of Nanomaterials by Nanomilling	ChED, SVNIT-Surat 13 th August , 2015.
9	Dr. Chetan M. Patel	Fundamentals of Artificial Neural Network	ChED, SVNIT-Surat 9 th June, 2016.

Annual Report (2015-16)

10	Dr. A. K. Mungray	Integrated planning of sustainable wastewater management	Civil Engineering Department, IIT Roorkee on 23/07/15.
11	Dr. A. K. Mungray	The Relationship between PhD Candidate and Supervisor	Mechanical Engineering Department, SVNIT Surat on 8 th Feb., 2016.
12	Dr. A. K. Mungray	Sustainable wastewater management	Chemical Engineering Department, VNIT Nagpur on 24/02/16
13	Dr. S. R. Patel	The Use of Ultrasound in crystallization Process	11/07/2016 to 15/07/2016 at SVNIT, Surat
14	Dr. S. R. Patel	Taguchi Method and Analysis of Variance in STTP on Design of Experiment for Process Optimization Overview	7/06/16 at SVNIT, Surat.
15	Dr. S. R. Patel	Solving of Multiresponse Optimization Problems in STTP on Design of Experiment for Process Optimization Overview	10/06/16 at SVNIT, Surat.
16	Dr. S. R. Patel	Optimization using Taguchi Method	VGEC, Chandkheda, Gandhinagar. (18/12/2015)
17	Dr. A. K. Jana	Future Refinery	SVNIT, May 10, 2016
18	Dr. Meghal A. Desai	“Sustainability and Green Chemistry & Engineering” delivered at Summer School-cum-Workshop on “Water and Wastewater Treatment”.	MCIIE, IIT (BHU), Varanasi. (30/05/2015)
19	Dr. Meghal A. Desai	“Design of Experiment and Taguchi Method: Basics” delivered at One Day Workshop on “Design of Experiments using the Taguchi Method and Artificial Neural Network”	Pacific School of Engineering, Palsana, Surat. (13/07/2015)
20	Dr. Meghal A. Desai	“Design of Experiments” delivered at STTP on “Optimization: Theory and Engineering Practice”,	Vishwakarma Government Engineering College, Chandkheda, Gandhinagar. (18/12/2015)

21	Dr. Meghal A. Desai	“Design of Experiment and Taguchi Method: Basics” delivered at TEQIP-II sponsored One Day Finishing School on “Design of Experiments using the Taguchi Method: An Overview”	SVNIT, Surat. (25/04/2015)
22	Dr. Meghal A. Desai	“Mixed Level Taguchi Method and Factorial Design using Mixture” delivered at TEQIP-II sponsored One week STTP on “Design of Experiment and Artificial Neural Network”	SVNIT, Surat. (24/06/2015)
23	Dr. Meghal A. Desai	“Multi-response Optimization using the Taguchi Method” delivered at TEQIP-II sponsored One week STTP on “Design of Experiment and Artificial Neural Network”,	SVNIT, Surat. (24/06/2015)
24	Dr. Meghal A. Desai	“Quality by Design” delivered at TEQIP-II sponsored One week STTP on “Design of Experiment and Artificial Neural Network”	SVNIT, Surat. (23/06/2015)
25	Dr. Meghal A. Desai	“Pinch Technology” delivered at TEQIP-II Sponsored Workshop on “Carbon Neutral Energy Sources”	SVNIT, Surat. (12/05/2016)
26	Dr. Meghal A. Desai	“Quality by Design” delivered at TEQIP-II sponsored One week STTP on “Design of Experiment for Process Optimization”	SVNIT, Surat. (06/06/2016)
27	Dr. Meghal A. Desai	“Multi-response Optimization using the Taguchi Method and Grey Relational Analysis” delivered at TEQIP-II sponsored One week STTP on “Design of Experiment for Process Optimization”	SVNIT, Surat. (10/06/2016)

Annual Report (2015-16)

28	Dr. Meghal A. Desai	“Case Study: parametric Optimization using Taguchi Method and Grey Relational Analysis and Predictive Modelling using ANN ” delivered at TEQIP-II sponsored One week STTP on “Design of Experiment for Process Optimization”,	SVNIT, Surat. (10/06/2016)
29	Nitu Kumari, Jignasa V. Gohel and Sanjaykumar R. Patel	Effect of type of precursor on optical, structure and Morphological properties of ZnO thin films	15/10/2016
30	Dr. G.C. Jadeja	Novel Extraction Techniques	Seminar Hall, ChED, SVNIT13/07/2016

CIVIL Engineering Department			
No.	Faculty	Title of Lecture	Place & Date
1	Dr. J.N. Patel	Application of Fuzzy Logic	SVNIT, Surat May 17, 2016
2	Dr. J.N. Patel	Finite Difference Methods”	SVNIT, Surat May 18, 2016
3	Dr. J.N. Patel	Application of Optimization Techniques	SVNIT, Surat May 19, 2016
4	Dr. J.N. Patel	Organization of PhD Thesis	SVNIT, Surat May 20, 2016
5	Dr. J.N. Patel	Research Paper Writing	SVNIT, Surat May 20, 2016
6	Dr. J.N. Patel	Application of Artificial Neural Network	SVNIT, Surat May 20, 2016
7	Dr. J.N. Patel	Geo-informatics in Research	SVNIT, Surat May 26, 2016
8	Dr. J.N. Patel	How to write Research Proposal	SVNIT, Surat May 27, 2016
9	Dr. P L Patel	Development of Intensity-Duration-Frequency Curve	SVNIT Surat during Dec. 28, 2015 – Jan. 01, 2016
10	Dr. P L Patel	Hydraulics of storm water drainage - I	SVNIT Surat during Dec. 28, 2015 – Jan. 01, 2016
11	Dr. P L Patel	Hydraulics of storm water drainage - II	SVNIT Surat during Dec. 28, 2015 – Jan. 01, 2016
12	Dr. P L Patel	Flood estimation practices in India	SVNIT Surat during Dec. 28, 2015 – Jan. 01, 2016
13	Dr. P L Patel	Transport of Sediments in Alluvial Channel	SVNIT Surat on Jan. 04-08, 2016.
14	Dr. P L Patel	Numerical methods in Fluid mechanics	SVNIT Surat on Jan. 04-08, 2016.
15	Dr. Mrs. A.K.Khambete	Testing and handling hazardous waste.	SVNIT, Surat,20/09/2016 and 6/4/2016

Annual Report (2015-16)

16	Dr Namrata Jariwala	Application of fuzzy logic and fuzzy rule based system Approach	Date:1/12/2016 Vadodara Institute Of technology, Vadodara
17	Dr. B. N. Tandel	“Soft Computing Techniques: An overview and introduction to Genetic Algorithms”	SVNIT, Surat in October 2015.
18	Dr. B. N. Tandel	“Government laws and policies for waste management in smart cities”	SVNIT, Surat
19	Dr. D. A. Patel	Estimate of Fatal Accident in Indian Construction Sector	18.06.2016 at Civil Engineering Department, BVM, Anand.

Computer Engineering Department

No.	Faculty	Title of Lecture	Place & Date
1	Mukesh A. Zaveri	Hypotheses Testing	TEQIP-II sponsored Short Term Course on Mathematical Methods for Scientists and Engineers (MMSE 2015, 29 June - 10 July, 2015), SVNIT, Surat on 7 July, 2015.
2	Mukesh A. Zaveri	Machine Learning	TEQIP-II sponsored Short Term Course on Mathematical Methods for Scientists and Engineers (MMSE 2015, 29 June - 10 July, 2015), SVNIT, Surat on 7 July, 2015.
3	Mukesh A. Zaveri	Machine Learning and its Applications	as part of series of lectures of R&D, SCET, Surat on 6 August 2015.
4	Mukesh A. Zaveri	Rough Sets and Biometric based Recognition	TEQIP-II Sponsored One Day Workshop on Recent Trends in Image Processing and Soft Computing, Birla Vishvakarma Mahavidyalaya Eng. College, Vallabh Vidyanagar, Gujarat on 12 September 2015.
5	Mukesh A. Zaveri	Neural Network and its Application: Data Association for Multiple Target Tracking	STTP on Tools and Techniques for Effective Teaching and Research (26 - 30 October, 2015), SVNIT, Surat on 30 October, 2015.
6	Mukesh A. Zaveri	Internet of Things: A Glorified View	TEQIP-II sponsored One Week STTP on Embedded Systems and Internet of Things, Birla Vishvakarma Mahavidyalaya Eng. College, Vallabh Vidyanagar, Gujarat (4-8 January 2016) on 7 January 2016.

7	Mukesh A. Zaveri	Rough Set Theory and its Application	at GUJCOST sponsored one day workshop on Scope of Research in Image Processing and Soft Computing organized by ECED, Chhotubhai Gopalbhai Patel Institute of Technology, Uka Tarsadia University, Maliba Campus, on 18 January 2016.
8	Mukesh A. Zaveri	Introduction to Machine Learning	at IEEE Gujarat section sponsored one day workshop on Machine Learning and its Applications organized by Information Technology Department, SCET, Surat on 22 January 2016.
9	Mukesh A. Zaveri	Research Methodology	TEQIP-II sponsored One Week STTP on Life Long Researcher (8-12 February 2016), SVNIT, Surat on 8 February 2016.
10	Mukesh A. Zaveri	Artificial Neural Network and its Application: Data Association for Multiple Target Tracking	15th One Week STTP on Advanced Engineering Optimization through Intelligent Techniques (21-25 March, 2016), SVNIT, Surat on March 22, 2016.
11	Mukesh A. Zaveri	Signals, Matrices and Estimation Theory	TEQIP-II sponsored Five-Days Short Term Training Program on Wireless Network and Mobile Computing SVNIT, Surat (16-20 May 2016) on 16 May 2016.
12	Mukesh A. Zaveri	Wireless Network and Channel Modelling	TEQIP-II sponsored Five-Days Short Term Training Program on Wireless Network and Mobile Computing SVNIT, Surat (16-20 May 2016) on 16 May 2016.
13	Mukesh A. Zaveri	Multi User Detection	TEQIP-II sponsored Five-Days Short Term Training Program on Wireless Network and Mobile Computing SVNIT, Surat (16-20 May 2016) on 16 May 2016.
14	Mukesh A. Zaveri	Cellular Communication	TEQIP-II sponsored Five-Days Short Term Training Program on Wireless Network and Mobile Computing SVNIT, Surat (16-20 May 2016) on 17 May 2016.
15	Mukesh A. Zaveri	Channel Estimation	TEQIP-II sponsored Five-Days Short Term Training Program on Wireless Network and Mobile Computing SVNIT, Surat (16-20 May 2016) on 17 May 2016.
16	Mukesh A. Zaveri	Internet of Things	TEQIP-II sponsored Five-Days Short Term Training Program on Wireless Network and Mobile Computing SVNIT, Surat (16-20 May 2016) on 18 May 2016.

Annual Report (2015-16)

17	Mukesh A. Zaveri	Multi Input and Multi Output (MIMO)	TEQIP-II sponsored Five-Days Short Term Training Program on Wireless Network and Mobile Computing SVNIT, Surat (16-20 May 2016) on 18 May 2016.
18	Mukesh A. Zaveri	Mobility and Location Management	TEQIP-II sponsored Five-Days Short Term Training Program on Wireless Network and Mobile Computing SVNIT, Surat (16-20 May 2016) on 19 May 2016.
19	Mukesh A. Zaveri	Artificial Neural Network	TEQIP-II sponsored Two Week STTP on Research Methodology for Engineering and Management, SVNIT, Surat (May 16-27, 2016) on 20 May 2016.
20	Mukesh A. Zaveri	Some Aspects of Research Methodology	TEQIP-II sponsored Two Week STTP on Research Methodology for Engineering and Management, SVNIT, Surat (May 16-27, 2016) on 23 May 2016.
21	Mukesh A. Zaveri	Recurrences and Divide & Conquer Approach	TEQIP-II sponsored Five-Days STTP on Design and Analysis of Algorithms (DAA 2016), SVNIT, Surat (23 - 27 May 2016) on 23 May 2016.
22	Mukesh A. Zaveri	Dynamic Programming Approach-I	TEQIP-II sponsored Five-Days STTP on Design and Analysis of Algorithms (DAA 2016), SVNIT, Surat (23 - 27 May 2016) on 23 May 2016.
23	Mukesh A. Zaveri	Dynamic Programming Approach-II	TEQIP-II sponsored Five-Days STTP on Design and Analysis of Algorithms (DAA 2016), SVNIT, Surat (23 - 27 May 2016) on 24 May 2016.
24	Mukesh A. Zaveri	Backtracking and Branch & Bound Approaches	TEQIP-II sponsored Five-Days STTP on Design and Analysis of Algorithms (DAA 2016), SVNIT, Surat (23 - 27 May 2016) on 24 May 2016.
25	Mukesh A. Zaveri	Probabilistic and Amortized Analysis	TEQIP-II sponsored Five-Days STTP on Design and Analysis of Algorithms (DAA 2016), SVNIT, Surat (23 - 27 May 2016) on 26 May 2016.
26	Dr. Udai Pratap Rao	Introduction to Big Data	SVNIT, 1st July 2015
27	Dr. Udai Pratap Rao	Privacy Preserving Data Publishing	SCET Surat, 14 th August 2015
28	Dr. Udai Pratap Rao	Big Data and its scope	Government Women Engineering College Ajmer, 16 th Jan 2016
29	Dr. Udai Pratap Rao	Anonymization Techniques	Vadodara Institute of Engineering, 26 th February 2016
30	Dr. Udai Pratap Rao	Big Data Analytical Methods	PIT, Parul University, Vadodara, 13 th April 2016

Annual Report (2015-16)

31	Dr. Udai Pratap Rao	Big Data Analytical Methods and Privacy Issues in Data Mining	GCET Vallabh Vidyanagar , 29 th April, 2016
32	Dr. Udai Pratap Rao	Privacy Preserving Data Publishing	L.D. College of Engineering, Ahmedabad, 21 st June 2016
33	Dr. Udai Pratap Rao	Big data concepts and analytical methods	SVNIT, 27th June 2016
34	S J Patel	Secure Multiparty Computation and Privacy Preserving Data Mining	Vadodara Institute of Engineering, Vadodara, Gujarat. Date: 27 th February, 2016
35	S J Patel	Privacy Preserving Techniques for Big Data Analytics	TEQIP sponsored five days STTP on Big Data Analytics. Date: 29 th June, 2016
36	S J Patel	Privacy Preserving Algorithms for Mobile Computing	TEQIP sponsored five days STTP on Wireless Network and Mobile Computing. Date: 18 th May, 2016
37	S J Patel	Structured System Analysis and Design Tools	TEQIP sponsored five days STTP on Software Requirements Specifications. Date: 9 th May, 2016
38	S J Patel	The logic and Algebraic Specifications-I	TEQIP sponsored five days STTP on Software Requirements Specifications. Date: 12 th May, 2016
39	S J Patel	The logic and Algebraic Specifications-II	TEQIP sponsored five days STTP on Software Requirements Specifications. Date: 13 th May, 2016
40	Prof.D.C.Jinwala	“Security and Privacy Issues in the Internet of Things”	The GUJCOST sponsored 2-days STTP on Internet of Things, at, Chandubhai S Patel Institute of Technology, CHARUSET University, Changa Campus, Changa, on 19th Sep 2015.
41	Prof.D.C.Jinwala	“Design of a Link Layer Security Protocol”,	Department of Computer Science and Engineering at the Institute of Technology, Nirma University on 18th Sep 2015.
42	Prof.D.C.Jinwala	“Modular Arithmetic and Galois Fields”,	Department of Computer Science and Engineering at the Institute of Technology, Nirma University on 18th Sep 2015.
43	Prof.D.C.Jinwala	“Musings on Research and Technical Writing in Computer Science and Engineering” ,	Department of Computer Engineering, Sarvajanik College of Engineering & Technology, Surat, 1st Aug 2015.

Annual Report (2015-16)

Electronics Engineering Department			
No.	Faculty	Title of Lecture	Place & Date
1	Mr. P. J. Engineer	Hardware & Software co-design for secure embedded systems.	C K Pithawala College of Engineering & Technology, Surat. 30 August, 2015.
2	Dr. A. D. Darji	Wireless Sensor Network	SVNIT , Surat 3-4 September, 2015
3	Dr. J.N. Sarvaiya	Image Registration	GCET, Vidhyanagar 17 October, 2015
4	Dr. J.N. Sarvaiya	Feature Extraction Techniques	Institute of Plasma Research, Gandhinagar. 5November ,2015
5	Dr. (Mrs.) U. D. Dalal	Introduction to SDR and MIMO	SGSITS, Indore, 30 November, 2015
6	Dr. (Mrs.) U. D. Dalal	Fundamentals of Wireless Communication-Channel Models	Nirma University, Ahmedabad 16 December, 2015
7	Dr. (Mrs.) U. D. Dalal	1G to 5G Evolution	CGPIT, Maliba Campus, Bardoli 22January, 2016
8	Dr. A. D. Darji	Life -Long Researcher	SVNIT , Surat 8-12 February, 2016
9	Dr. (Mrs.) U. D. Dalal	5G Bandwidth and Resource Management	LIT, Sarigam, Vapi. 20 February, 2016
10	Dr. (Mrs.) S.N. Shah	5G- next generation wireless technology	LIT, Sarigam, Vapi. 20 February, 2016
11	Dr. (Mrs.) U. D. Dalal	Long Term Evolution—to 5G	SCET, Surat 23 February, 2016
12	Dr. (Mrs.) U. D. Dalal	Role of Women Safety in National Growth	Vanita Vishram and SGPC, Surat 8March, 2016
13	Dr. (Mrs.) U. D. Dalal	Fundamentals and Applications of SDR and MIMO Communication Systems	Shri Govindram Seksaria Institute of Technology & Science, Indore 30 November, 2016

Electrical Engineering Department			
No.	Faculty	Title of Lecture	Place & Date
1	Dr. Anandita Chowdhary	Women in technical Education: Women empowerment Programme.	Gujarat Government Programme,SVNIT, Surat. 07-08-2015
2	Dr. Pranav Darji	Switching modelling of STATCOM	Sarvajanik College of Engg. & Tech., Surat. 17-06-2016
3	Dr. R. Chudamani	Photovoltaic Grid connected systemPV connected with grid and issues related to it	SVMIT, Bharuch28-12-2015, C. G. P. Institute of Tech., Bardoli. 22-01-2016
4	Dr. H. R. Jariwala	Application of FACTS in Power System Dynamics	SVMIT, Bharuch, 29-12-2015
5	Dr. Vasundhara Mahajan	STTP on Simulation	SVNIT Surat, December 28 to January 1, (2016)

Annual Report (2015-16)

6	Dr. Vasundhara Mahajan	Hands on MATLAB	SVNIT Surat, 6-15 January 2016
7	Dr. Hiren G Patel	PLC programming	During 25-26 September, 3-4 October 2015, SVNIT Surat.
8	Dr. Hiren G Patel	Configuration of VFD	During 14-18, 2015, SVNIT Surat.
9	Dr. Hiren G Patel	PLC and SCADA	20-24 June 2016, SVNIT Surat.

Mechanical Engineering Department			
No.	Faculty	Title of Lecture	Place & Date
1	Dr. S. A. Channiwala	Advances in Gasification Technology	1st National Conference on Thermal Fluid Science and Tribology Applications, SVNIT, Surat 27-28 May 2016
2		Advanced Fuel Additives – A prepared tool to monitor the Combustion in Solid Fuel Final Boiler to reduce the emission, improve the overall efficiency and enhance the residual life	24th National Conference on I. C. Engines and Combustion organized by University of Petroleum & Energy Studies, Dehradun 30/10/2016 to 01/11/2015
3		Zero Effluent Discharge Coal Gasification System – A Green Energy Technology	7th Annual International Summit and Expo Gasification India – 2016 11/02/2016
4		Overview of Alternative Energy Technologies	CGPIT, Bardoli 18/01/2016
5		Performance Evaluation	STTP on OMPEG – 2015 Morbi 25/12/2015
6		Operation and Maintenance of Gasifier	STTP on OMPEG – 2015 Morbi 25/12/2015
7		GPCB Compliance	STTP on OMPEG – 2015 Morbi 25/12/2015
8		Zero-Effluent Discharge Gasifier	STTP on OMPEG – 2015 Morbi 25/12/2015
9		Types of Gasifiers	STTP on OMPEG – 2015 Morbi 25/12/2015
10		Fundamentals of Gasification	STTP on OMPEG – 2015 Morbi 25/12/2015
11	Dr. R. Venkata Rao	About 25 lectures during AEOIT training program on MADM methods and advanced optimization techniques	SVNIT, Surat, 21-25 March 2016
12	Dr. T. N. Desai	Total Quality Management	C.K. Pithawala College of Engineering & Technology, February 11, 2016

13		Ease of doing Business for higher Productivity and Sustainable Growth	ONGC Hazira Plant, Surat, February 12, 2016
14	Dr. H. K. Dave	Bloom's Taxonomy	SVNIT, Surat, 26-30 October 2016
15		Design of Experiments	
16		Taguchi Robust Design	
17		Analysis of Variance and Confirmation Tests	
18		Introduction to Response Surface Methodology	
19	Dr. H. K. Raval	Introduction to Outcome Based Education	SVNIT, Surat, 26-30 October 2016
20		Concept of Research	
21		Research Methods	
22		Uncertainty Analysis	
23		Recapitulation of TTETR	
24	Dr. K. P. Desai	Helical Tool actuation in EDM	SVNIT, Surat, 29 June – 03 July, 2015
25	Dr. H. K. Dave	Research in Micromachining	SVNIT, Surat, 29 June – 03 July, 2015
26		Material Processing: Opportunities and Future Directions	
27	Dr. H. K. Raval	Incremental Forming	SVNIT, Surat, 29 June – 03 July, 2015
28		Conical Bending	
29		Flow Forming	
30		Forming of TWB	
31	Dr. D. V. Bhatt	Fundamentals of Industrial Tribology	College of Engg NASIK, 03/10/2015
32	Dr. D. V. Bhatt	Entrepreneurship Opportunity In Tribology	GSET Anand, 09/12/2015
33	Dr. D. V. Bhatt	Key Note Speaker on Fundamental of tribology	Sal Institution of Technology & Engineering Research Ahmadabad, 06/02/2016
34	Dr. D. V. Bhatt	Noise Pollution and Measured to Reduce	IIT Roorkey, 17/02/2016
35	Dr. D. V. Bhatt	Tribology In Design & It's Applications	Nirma Institute of Technology Ahmadabad, 27/06/2016
36	Dr. V. D. Kalyankar	Few Lectures during the STTP on "Advanced Optimization Techniques For Innovative Research In Technology"	Mechanical Engineering Department, MIT College of Engineering, Pune 25th – 29th April, 2016

Annual Report (2015-16)

37	Dr. B. M. Sutaria	Measurement & Prediction Of Friction Force In IC Engine	Mechanical Engineering Department, G. H. Patel, College Of Engineering, Ananad, Gujarat, 6-12, Dec-2015
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(viii) Expert Lectures organized at SVNIT Surat as Resource Person (Other Than STTP)

Mechanical Engineering department				
No	Faculty	Name of Expert and Affiliation	Title of Lecture	Date of Lecture
1	Dr. H. K. Dave	Shri Kamlesh Pandey, IIT Bombay	New product development : Theory and procedure	2 nd April, 2016
2	Dr. H. K. Dave	Shri Pramod Ekbote Kirloskar Oil Engines Ltd., Pune	New product development: Case study	2 nd April, 2016
3	Dr. H. K. Dave	Shri Yogendra Gupta	Women Tech Maker	9 th April, 2016

Electrical Engineering Department				
No	Faculty	Name of Expert and Affiliation	Title of Lecture	Date of Lecture
1	Dr. M. A. Mulla	Dr. K. Ragavan IIT, Gandhinagar	Electrical machines and power electronics	12-13 March 2016

Electronics Engineering Department				
No.	Faculty	Name of Expert and Affiliation	Title of Lecture	Date of Lecture
1	Dr. J.N.Sarvaiya	Prof. Alex Kot	Â Image Forensics: Is a Photo Worth Thousand Words?	27 July, 2015
2	Dr. A.D Darji	Mr. Maulik Prabhudesai	Embedded System Design : Algorithm to Implementation	1 October, 2015
3	Dr. Mrs. Rasika Dhavse Dr. (Mrs.) S.Gupta	Mr. Devang Patel SMC, Surat	" Digital India"	2 November, 2015
4	Dr. A.S Mandloi	Dr. Alok Verma, (Senior Scientist)	"Recent Research Areas in Optical Technology & Communications"	18 January 2016
5	Dr. J.N.Sarvaiya	Shobhit K. Patel	Recent Advances in Antenna Design and Technology	17 November 2016

Computer Engineering Department				
No.	Faculty	Name of Expert and Affiliation	Title of Lecture	Date of Lecture
1	Dr. D. R. Patel	Mr. Arnar Chokhawala, Founder & CEO, Reflection	Machine Learning	17-08-2015
2	Dr. D. C. Jinwala	Mr. Sudipta Chatterjee, Technical Solutions Consultant, Google	US MS Admissions	02-09-2015
3	Dr. D. C. Jinwala	Mr. Bhatt, Wipro	Data Mining, Big Data & other Research	10-03-2016
4	Dr. D. R. Patel	Mr. Abhishek Kundu, XRCI	Dimensionality reduction & Deep Learning	14-03-2016
5	Dr. D. R. Patel	Mr. Dinesh Bhagat, STPI, Gandhinagar	Enterpreneur opportunities at STPI	08-04-2016

Civil Engineering Department				
No.	Faculty	Name of Expert and Affiliation	Title of Lecture	Date of Lecture
1	Dr. P L Patel	Dr. Rakesh Mishra (University of Huddersfield, UK)	Industrial Applications of Computation Fluid Dynamics	12/08/2015
2	Dr. P L Patel	Dr. Dr. K G Ranga Raju (Emeritus Prof., IIT Roorkee)	Rivers and River Control structures	06/01/2016
3	Dr. P L Patel	Dr. M L Kansal (IIT Roorkee)	Issues on River Health Monitoring	21/03/2016
4	Dr. B. N. Tandel	Dr. Mukesh Khare Professor IIT	Urban Air Quality Management: A comprehensive approach	29/09/2015
5	Dr. B. N. Tandel	Dr. Vinod Tare Professor IIT Kanpur	Water for future	30/10/2015
6	Dr. B. N. Tandel	Harshul Parekh Env Consultant	Urban Air Quality Management: A comprehensive approach	10/02/2016
7	Dr. B. N. Tandel	Pushpak Shah Env Consultant	Role of transfer station in solid waste management	09/04/2016
8	Dr. B. N. Tandel	Ms. Ankita Bhairaviya Env Consultant	Environmental Impact Assessment	09/04/2016

Applied Physics Department				
No.	Faculty	Name of Expert and Affiliation	Title of Lecture	Date of Lecture
1	Dr Vimal Srivistava	Department of Chemical Engineering, Indian Institute of Technology, Roorkee	Research Challenges for energy and environmental Reasearch & Synthesis of nano materials using sustainable/economical route for catalytic application	APD, SVNIT, Surat 20 th May 2016
2	Prof. U. Yajnik	Department of Physics, Indian Institute of Technology, Mumbai	Windows into deep space : from telescopes to gravitational wave detection	APD, SVNIT, Surat 1 st April 2016
3	Prof. Uma Sankar	Department of Physics, Indian Institute of Technology, Mumbai	Noble Prize in Physics - 2015	APD, SVNIT, Surat 28 February 2016
4	Dr. Pankaj Poddar	Senior Scientist, CSIR-National Chemical Laboratory, Pune	Advanced Optical Multifunctional Nanomaterials: From bioimaging, currency anticounterfieting to energy harvesting	APD, SVNIT, Surat 15 January, 2016.

Applied Mathematics And Humanities Department				
No.	Faculty	Name Of Expert And Affiliation	Title Of Lecture	Date Of Lecture
1	Dr. R. K. Jana	Dr. P. K. Pal, Outstanding Scientist (Retired), Space Applications Centre (ISRO), Ahmedabad	“Data Assimilation”	05.05.2016
2	Dr. V. H. Pradhan	Prof. V. K. Katiyar Prof. & Head, Department Of Mathematics, IIT, Roorkee	Mathematical Modeling	04/09/2015

Annual Report (2015-16)

Applied Mechanics Department				
No.	Faculty	Name Of Expert And Affiliation	Title Of Lecture	Date Of Lecture
1		Prof. S. R. Gandhi, Professor of Civil Engineering, IIT Madras	Introduction to Ground Improvements	28, Jan 2015
2		Rishi Gupta	Technical Seminar on Innovative Construction Technology with Load Carbon Foot Print by Rishi Gupta, University of Victoria, Canada on 9 th February 2016 at SVNIT, Guest House, Conference Hall	9 th February 2016
3		Prof. Mahesh Tandon	Technical Seminar in collaboration with Ultratech cement on "Structural forms of Stadium by Prof Mahesh Tandon on 10 th May 2016 at SVNIT, Guest House, Conference Hall, Surat	10 th May 2016

Applied Chemistry Department				
No.	Faculty	Name of Expert and Affiliation	Title of Lecture	Date of Lecture
1	Dr. Kalpana Maheria, ACD	Dr. Sandeep Chaudhary, Assistant Professor, MNIT Jaipur.	Discovery of Art emisinin as Nobel Medicine: A Gift from Traditional Chinese Herb Artemisia Annu	9 th February 2016.

(ix) Paper Reviewer in International and National Journals/Conferences/Seminars

Mechanical Engineering Department			
Sr. No.	Name of Faculty Member	Name of Journal or Conference	No. of Papers Reviewed
1	Dr. S. A. Channiwala	24 th National Conference on I. C. Engines & Combustion	16
2	Dr. S. A. Channiwala	Environmental pollution journal	01
3	Dr. S. A. Channiwala	International journal of fuel	01
4	Dr. S. A. Channiwala	National Conference On "Thermal Fluid - Science And Tribo Applications"	02
5	Dr. S. A. Channiwala	International Journal of Powder Technology	01
6	Dr. S. A. Channiwala	Journal of Aerospace Sciences and Technologies	01
7	Dr. R. Venkata Rao	International Journal of Advanced Manufacturing	08

Annual Report (2015-16)

		Technology, Springer, UK	
8	Dr. R. Venkata Rao	Journal of Engineering Manufacture, Sage Publishers, UK	07
9	Dr. R. Venkata Rao	International Journal of Production Research, Taylor & Francis, UK	02
10	Dr. R. Venkata Rao	Journal of Intelligent Manufacturing, Springer, UK	05
11	Dr. R. Venkata Rao	International Journal of Mathematical and Computer Modeling, Elsevier	01
12	Dr. R. Venkata Rao	Heat and Mass Transfer, Germany	02
13	Dr. R. Venkata Rao	IEEE Transactions on Industrial Informatics	01
14	Dr. R. Venkata Rao	SME-Journal of Manufacturing Systems, Elsevier, USA	01
15	Dr. R. Venkata Rao	Arabian Journal of Science and Engineering, Springer	01
16	Dr. R. Venkata Rao	Information Sciences, Elsevier	05
17	Dr. R. Venkata Rao	Applied Soft Computing, Elsevier	05
18	Dr. R. Venkata Rao	Engineering Optimization, Taylor & Francis, UK	02
19	Dr. R. Venkata Rao	Computers & Industrial Engineering, Elsevier	01
20	Dr. R. Venkata Rao	Applied Mathematical Modeling, Elsevier, USA	03
21	Dr. R. Venkata Rao	IEEE Transactions on Industrial Informatics	01
22	Dr. R. Venkata Rao	International Journal of Engineering, Project and Production Management (NUS, Singapore)	01
23	Dr. R. Venkata Rao	Machining Science & Technology, Taylor & Francis, UK	01
24	Dr. R. Venkata Rao	International Journal of Industrial Engineering Computations, Growing Science, Canada	01
25	Dr. R. Venkata Rao	Engineering Applications of Artificial Intelligence, Elsevier	05
26	Dr. R. Venkata Rao	National Academy of Sciences, India Section A: Physical Sciences, Springer	03
27	Dr. R. Venkata Rao	Applied Thermal Engineering, Elsevier	05
28	Dr. R. Venkata Rao	Optimal Control, Industrial applications and Methods, Wiley, USA.	03
29	Dr. R. Venkata Rao	ASME Journal of Mechanical Design, ASME, USA	01
30	Dr. R. Venkata Rao	International Journal of Machining and Machinability of Materials, Inderscience, UK	01
31	Dr. R. Venkata Rao	Chemical Engineering Research and Design, Elsevier	01
32	Dr. R. Venkata Rao	International Journal of Thermal Sciences, Elsevier	01
33	Dr. R. Venkata Rao	Journal of Petroleum Science and Engineering, Elsevier	01
34	Dr. R. Venkata Rao	International Journal of Systems Science, Taylor & Francis, UK	02
35	Dr. R. Venkata Rao	Optimal Control, Applications and Methods, Taylor & Francis, UK	02
36	Dr. R. Venkata Rao	International Journal of Information Technology & Decision Making, World Scientific, USA	01
37	Dr. R. Venkata Rao	Journal of Process Mechanical Engineering, Sage Publishers, UK	01
38	Dr. R. Venkata Rao	International Journal of Advanced Manufacturing	08

Annual Report (2015-16)

		Technology, Springer, UK	
39	Dr. T. N. Desai	International Journal of Lean Six Sigma	01
40	Dr. H. K. Dave	Machining Science & Technology, Taylor & Francis, UK	02
41	Dr. H. K. Dave	International Journal of Advanced Manufacturing Technology, Springer, UK	02
42	Dr. H. K. Raval	International Journal of Advanced Manufacturing Technology, Springer, UK	02
43	Dr. V. D. Kalyankar	Robotics and Integrated Manufacturing (Elsevier)	01
44	Dr. V. D. Kalyankar	Applied Soft Computing (Elsevier)	01
45	Dr. V. D. Kalyankar	Engineering Optimization (Taylor & Francis)	01
46	Dr. V. D. Kalyankar	Materials Research (Ibero–American Journal of Materials)	01
47	Dr. Dinesh Singh	International Journal of Mechatronics and Manufacturing Systems (IJMMS), Inderscience	01

Electrical Engineering Department			
No	Name of Faculty Member	Name of Journal or Conference	No. of Papers Reviewed
1	Dr. Anandita Chowdhary	CMI Jadavpur University	04
		PEDES 2016	06
2	Dr. Pranav Darji	IEEE – Power Electronics	01
3	Dr. M. A. Mulla	IEEE – Transaction on Power Electronics	03
		IEEE – Transaction on Industrial Electronics	07
4	Dr. S. N. Sharma	Reviewer, the 55 th IEEE Conference on Decision and Control (CDC), Las Vegas, USA, December 12-14, 2016.	01
		Reviewer, 4 th International Conference on Advances in Control and Optimization of Dynamical Systems (An IfAC Conference), February 1-5, 2016, NIT Tiruchirappalli, India.	01
		Reviewer, the 2016 Indian Control Conference (ICC), Indian Institute of Technology Hyderabad, January 4-6, 2016.	01
		Reviewer, the 54 th IEEE Conference on Decision and Control (CDC), Osaka International Convention Center, Osaka, Japan, December 15-18, 2015.	01
		Reviewer, the 2015 European Control Conference (ECC), Johannes Kepler University, Linz, Austria, July 15-17, 2015.	01
		Reviewer, 9 th IFAC symposium on Control of Power and Energy Systems December 9-11, 2015. Indian Institute of Technology, Delhi, India.	01

Electronics Engineering Department			
No	Name of Faculty Member	Name of Journal or Conference	No. of Papers Reviewed
1	Dr. (Mrs.) J.N. Patel	Journal of Electronic Imagine ,SPIE publication, SCI index, Manuscript: JEI 15669, August 2015	01
2	Dr. (Mrs.) J.N. Patel	IET Signal Processing, Sci Index, SPR-2014-0336,August 2015	01
3	Dr.(Mrs.) U. D. Dalal	ICMOCE-2015 International Conference on Microwave, Optical and Communication Engineering, Bhubaneswar, India	01
4	Dr.(Mrs.) U. D. Dalal	Journal of Telecommunication System, Springer	09
5	Dr.(Mrs.) U. D. Dalal	Optik Journal for Light and Electron Optics – Science Direct	02
6	Dr.(Mrs.) U. D. Dalal	ICTACT Journal on Communication Technology	05
7	Dr.(Mrs.) S.N. Shah	The International Conference on Microwave, Optical and Communication Engineering (ICMOCE-2015) at the School of Electrical Sciences, IIT Bhubaneswar in Bhubaneswar, Odisha, India 18-20 December 2015	04
8	Dr.(Mrs.) S.N. Shah	Recent Trends in Computer and Communication Technology RTCCT-2016, SCET April 2016	04
9	Dr. Mrs. Rasika Dhavse	2nd International Conference on Recent Advances In Engineering And Computational Sciences (RAECS 2015) At Uiet, Panjab University, Chandigarh	02
10	Dr. Mrs. Rasika Dhavse	National coference on Recent trends in computer and communication Technology RTCCT2016	03
11	Dr. P. N. Patel	IEEE International Conference on Microelectronics, Computing and Communication (MicroCom 2016) during 23-25 January, 2016, NIT Durgapur, India.	03
12	Dr. P. N. Patel	2nd IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE–2016), 23-25 December 2016, Poornima College of Engineering and Poornima University, Jaipur, Rajasthan, India	01
13	Dr. P. N. Patel	13th International Conference on Data Networks, Communications, Computers (DNCOCO'15), December 12-14, 2015, Hungary	01
14	Dr. P. N. Patel	IEEE international conference on Man And Machine Interfacing (MAMI 2015), 17-19 December, 2015, C. V. Raman College of Engineering, Bhubaneswar, India.	01

Annual Report (2015-16)

15	Dr. P. N. Patel	Optics Communications”, Elsevier	01
16	Dr. P. N. Patel	“IEEE Sensors Journal”, UK.	01
17	Dr. P. N. Patel	“WSEAS Transactions on Communications”, Athens, Greece.	01
18	Dr. P. N. Patel	“WSEAS Transactions on Systems and Control”, Athens, Greece	01
19	Dr. P. N. Patel	Book Review of “ optical communication” oxford university press (May 2015)	04 chapters
20	Dr. A.D Darji	IET Computer Design & Techniques	02
21	Dr. A.D Darji	Springer: Circuit System Signal Processing (CSSP)	04
22	Dr. A.D Darji	IEEE Circuit & System-II	02
23	Dr. A.D Darji	Springer- Journal of Real Time Image Processing	01
24	Dr. Z.M.Patel	Int. Conf.- RA ECS UIET Punjab	02

Computer Engineering Department			
No.	Name of Faculty Member	Name of Journal or Conference	No. of Papers Reviewed
1	Dr.Mukesh A. Zaveri	IEEE Transactions on Intelligent Transportation Systems	02
2	Dr.Mukesh A. Zaveri	IET Journal of Image Processing	01
3	Dr.Mukesh A. Zaveri	Pattern Recognition Letters Elsevier Publication	03
4	Dr.Mukesh A. Zaveri	IEEE Transaction on Signal Processing	01
5	Dr.Mukesh A. Zaveri	IEEE Transaction of Circuit Switching and Video Technology (CSVT)	01
6	Dr. D. P. Rana	ICIS'16- Sponsored By TEQIP I, Dept of Computer Science, College of engineering, Cherthala	03
7	Dr. D. P. Rana	International Conference on Global Trends in Signal Processing, Information Computing and Communication (ICSPICC2016)	01
8	Dr. Udai Pratap Rao	Journal of AI and Data Mining	01
9	Dr. Udai Pratap Rao	National Conference on "Recent Trends in Computer and Communication Technology" RTCCT 2016	02

Chemical Engineering Department			
No.	Name of Faculty Member	Name of Journal or Conference	No. of Papers Reviewed
1	Dr. M.Chakraborty	Crystal Research Technology (John Wiley & Sons Publication)	01
2	Dr. M.Chakraborty	Particulate Science and Technology (Taylor & Francis Group Publication, USA)	01
3	Dr. M.Chakraborty	Separation and Purification Technology (Elsevier Scientific Publication, Netherlands)	02
4	Dr. M.Chakraborty	Environmental Technology (Taylor & Francis Group Publication, USA)	02

Annual Report (2015-16)

5	Dr. M.Chakraborty	Chemical Engineering Journal (Elsevier Scientific Publication, Netherlands)	01
6	Dr. Mausumi Mukhopadhyay	Colloids and Surface A: Physicochemical and Engineering Aspects (Elsevier Scientific Publication)	02
7	Dr. Mausumi Mukhopadhyay	Catalysis Communications (Elsevier Scientific Publication) (SCI/SCIE Journal)	01
8	Dr. Mausumi Mukhopadhyay	Material Science and Engineering C (Elsevier Scientific Publication) (SCI/SCIE Journal)	01
9	Dr. Mausumi Mukhopadhyay	International Journal of Food Science and Technology	01
10	Dr. Mausumi Mukhopadhyay	Saudi Journal of Biological Sciences	01
11	Dr. V. N. Lad	Physics of Fluids	01
12	Dr. V. N. Lad	Industrial and Engineering Chemistry Research	02
13	Dr. V. N. Lad	Journal of Mechanical Science and Technology	02
14	Dr. V. N. Lad	Chemical Engineering Communications	02
15	Dr. A. K. Mungray	Biochemical Engineering Journal	01
16	Dr. A. K. Mungray	Journal of Water Process Engineering	01
17	Dr. A. K. Mungray	Journal of Environment Science Health, Part A	01
18	Dr. A. K. Mungray	Journal of Renewable and sustainable Energy	02
19	Dr. Sanjay R. Patel	International Journal of Sustainable Energy(Taylor & Francis Group Publication, USA)	01
20	Dr. Sanjay R. Patel	Ultrasonics Sonochemistry (Elsevier)	01
21	Dr. Sanjay R. Patel	The journal of The Institution of Engineers (India): Series E (IEIE)	01
22	Dr. Arun Kumar Jana	Environmental Progress	01
23	Dr. Arun Kumar Jana	Journal of Nanostructure in Chemistry	01
24	Dr. Arun Kumar Jana	Asia Pacific Journal of Chemical Engineering	01
25	Dr. Arun Kumar Jana	Chemical Engineering Science	01
26	Dr. Meghal A. Desai	Industrial Crops and Products, Elsevier	01
27	Dr. Meghal A. Desai	Food Science and Nutrition, Wiley	01
28	Dr. Meghal A. Desai	Journal of The Institution of Engineers (India)-Series E, Springer	01
29	Dr. (Mrs.) Alka A. Mungray	International Biodeterioration & Biodegradation.(Elsevier Science Limited, England)	02

Civil Engineering Department

No.	Name of Faculty Member	Name of Journal or Conference	No. of Papers Reviewed
1	Dr. J.N. Patel	Journal of American Water Works Association	03
2	Dr. J.N. Patel	International Journal of Earth Sciences and Engineering	01

Annual Report (2015-16)

3	Dr. J.N. Patel	Journal of Flood Engineering	01
4	Dr. P. L. Patel	Journal of Hydraulic Engineering, ASCE	01
5	Dr. P. L. Patel	Journal of Hydraulic Engineering, Indian Society for Hydraulics (ISH), Published by Taylor's and Francis , U K	04
6	Dr. Mrs A. K. Khambete	Europian Journal of Operational Researchh	04
7	Dr. Namrata D. Jariwala	Journal of Institution Of Engineers : civil Engineering series A	01

Applied Physics Department

No.	Name of Faculty Member	Name of Journal or Conference	No. of Papers Reviewed
1	Dr. Lalit Saini	DAE Solid State Symposium -2015	08
2	Dr. Yogesh Sonvane	DAE Solid State Symposium -2015	04
3	Dr. D. R. Roy	DAE Solid State Symposium -2015	03
4	Dr. D. R. Roy	Journal of Modern Physics B	01
5	Dr. D. R. Roy	Journal of Molecular Structure	01

Applied Mathematics And Humanities Department

No.	Name Of Faculty Member	Name Of Journal Or Conference	No. Of Papers Reviewed
1	Dr. R. K. Jana	Proceedings Of The National Academy Of Sciences, India(Section A: Physical Sciences).	01
2	Dr. R. K. Jana	African Educational Research Journal	01
3	Dr. H. P. Bulsara	Basic Research Journal Of Business Management (BRJBMA)	01
4	Dr. H. P. Bulsara	International Journal Of Global Business And Competitiveness (IJGBC)	01
5	Dr. H. P. Bulsara	Academy Of Business And Emerging Markets Conference	02
6	Dr. H. P. Bulsara	Universal Journals, Horizon Research Publishing, USA	03
7	Dr. H. P. Bulsara	Ashese Journal Of Business Management	03
8	Dr. H. P. Bulsara	American Journal Of Business, Economics And Management	03
9	Dr. V. N. Mishra	Carpathian Journal Of Mathematics	01
10	Dr. V. N. Mishra	Journal Of Inequalities And Applications,	01
11	Dr. V. N. Mishra	Applied Mathematics & Computation, Elsevier	08
12	Dr. V. N. Mishra	Filomat	02
13	Dr. V. N. Mishra	Turkish Journal Of Mathematics	01
14	Dr. V. N. Mishra	JMAA, Elsevier	01
15	Dr. V. N. Mishra	JPRM	01
16	Dr. V. N. Mishra	Thai J. Math.	30
17	Dr. V. N. Mishra	Facta Universitatis, Series: Mathematics And Informatics In	05

Annual Report (2015-16)

18	Dr. V. N. Mishra	New Trends In Math. Sci.	05
19	Dr. V. N. Mishra	MJST	01
20	Dr. V. N. Mishra	Le Matematiche	01
21	Dr. V. N. Mishra	JNFA	01
22	Dr. V. N. Mishra	Proceedings Of The National Academy Of Sciences, India Section A: Physical Sciences	02
23	Dr. V. N. Mishra	Iranian Journal Of Science And Technology (Sciences)	01
24	Dr. V. N. Mishra	Journal Of Mathematical Extension.	01
25	Dr. V. N. Mishra	TWMS Journal Of Applied And Engineering Mathematics	02
26	Dr. A. K. Shukla	Italian Journal Of Pure And Applied Mathematics, Udine	03
27	Dr. Sushil Kumar	Heat And Mass Transfer, Springer	02
28	Dr. Sushil Kumar	Journal Of Mechanics In Medicine And Biology, World Scientific	02
29	Dr. Sushil Kumar	International Journal Of Applied Mechanics, World Scientific	01

Applied Mechanics Department			
No.	Name of Faculty Member	Name of Journal or Conference	No. of Papers Reviewed
1	Dr. B. Kondraivendhan	ICCEMS 2016, May 2016, Singapore	02
2	Dr. B. Kondraivendhan	Construction and building materials	02
3	Dr. B. Kondraivendhan	Materials and structures	01
4	Dr. C. H. Solanki	Advances in Environmental Research, (Geo-environmental Engineering) Techo press	03
5	Dr. B. Kondraivendhan	DST Project (Early researcher scheme)	01

Applied Chemistry Department			
No.	Name of Faculty Member	Name of Journal or Conference	No. of Papers Reviewed
1	Dr Smita Jauhari	Journal of Membrane Science and Research	01
2	Dr. Premlata Kumari	Journal of Infection and Public Health, Chemistry Central Journal, Medicinal Chemistry Research	05
3	Dr. Kalpana Maheria	Current Organic Chemistry, Industrial & Engineering Chemistry Research, Journal of Saudi Chemical Society,	05
4	Dr. Naved Malek	Journal of Molecular Liquids, Physical Chemistry Chemical Physics, Thermochemica Acta, Ionics.	12

Annual Report (2015-16)

5	Dr. K. Suresh Kumar	Biosensors and Bioelectronics, Sensors and Actuators B, Analyst, RSC Advances, New Journal of Chemistry, Trends in Analytical Chemistry, Journal of Fluorescence, Analytica Chimica Acta, Applied Surface Science, Materials Science and Engineering, Inorganic Chemistry	16
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(x) Ph D theses reviewed as examiner outside SVNIT

Mechanical engineering department			
No.	Name of Faculty Member	Name of the University/Institute	Remark
1	Dr. Shailendra Kumar	J.N.T.U. Hyderabad	1 thesis
2	Dr. Shailendra Kumar	Nagpur University, Nagpur	1 thesis
3	Dr. S. A. Channiwala	Research and Development Cell, Jawaharlal Nehru Technological University, Hyderabad	2 thesis
4	Dr. S. A. Channiwala	Indian Institute of Technology, Roorkee	1 thesis
5	Dr. R. Venkata Rao	Pondichery University, Pondichery	2 thesis
6	Dr. R. Venkata Rao	J N T University, Hyderabad	2 thesis
7	Dr. R. Venkata Rao	J N T University, Kakinada	1 thesis
8	Dr. R. Venkata Rao	Anna University, Chennai	1 thesis
9	Dr. R. Venkata Rao	MNIT, Jaipur	1 thesis
10	Dr. R. Venkata Rao	IIT Bombay, Mumbai	1 thesis
11	Dr. H. K. Raval	Rashtrasant Tukadoji Maharaj Nagpur University	1 thesis
12	Dr. H. K. Raval	MANIT, Bhopal	1 thesis
13	Dr. V. D. Kalyankar	Mumbai University, Mumbai, Maharashtra	2 thesis
14	Dr. V. D. Kalyankar	Amravati University, Amravati, Maharashtra	1 thesis
15	Dr. V. D. Kalyankar	Nagpur University, Nagpur, Maharashtra	2 thesis

Electrical Engineering Department			
No	Name of Faculty Member	Name of the University/Institute	Remark
1	Dr. Anandita Chowdhary	Dr. B. A. M. University, Aurangabad	
2	Dr. H. R. Jariwala	Sardar Patel University, Vallabh Vidhyanagar	

Electronics Engineering Department			
No	Name of Faculty Member	Name of the University/Institute	Remark
1	Dr. U. D. Dalal	Amravati University, Amravati	

Computer Engineering Department			
No	Name of Faculty Member	Name of the University/Institute	Remark
1	Dr. Dhiren R Patel	IIT Roorkee	

Annual Report (2015-16)

Chemical Engineering Department			
No	Name of Faculty Member	Name of the University/Institute	Remark
1	Dr. Z.V.P. Murthy	Indian Institute of Technology, Roorkee (September 2015).	----
2	Dr. Z.V.P. Murthy	Andhra University, Visakhapatnam (November 2015).	-----

Civil Engineering Department			
No	Name of Faculty Member	Name of the University/Institute	Remark
1	Dr.J.N. Patel	Malaviya National Institute of Technology, Jaipur	01
2	Dr. J.N. Patel	Shivaji University, Kolhapur	01
3	Dr. J.N. Patel	Kadi Sarva Vishwa Vidyalaya, Gandhinagar	01

Applied Physics Department			
No	Name of Faculty Member	Name of the University/Institute	Remark
1	Dr. D. R. Roy	CSIR-CSMCRI, Bhavnagar	01

Applied Mathematics And Humanities Department			
No	Name Of Faculty Member	Name Of The University/Institute	Remark
1	Dr. H. P. Bulsara	Sainath University	Ph. D. Thesis
2	Dr. H. P. Bulsara	VNSGU, Surat	M.Phil. Dissertation
3	Dr. Jayesh M. Dhodiya	Kadi Sarva Vishwavidyalaya, Gandhinagar	Two-Ph. D. Thesis
4	Dr. V. H. Pradhan	Jawaharlal Nehru Technological University, Hyderabad,	Ph.D Thesis Accepted
5	Dr. V. H. Pradhan	NIT, Warangal	Ph.D Thesis Accepted
6	Dr. V. H. Pradhan	M. S. University, Baroda	M.Sc. Dissertation Reviewed

10.3 Patents:

ELECTRONICS ENGINEERING DEPARTMENT										
Sr. No	Name of the faculty	Patent Title /Area	Process / Product / Software	Where accepted /filed/ obtained	Patent Grant Date / Year	Date of Filed / Obtained	Patent No.	Patent Registered National / International	Joint with Academic / R&D Institute / Institute	Amount (Rs.) if Patent Commercialized
1	Dr. (Mrs.) S.N. Shah, Jayshri Pariyal	Iterative thresholding methodology for energy detection	Algorithm	The patent Office Journal	3/7/2015	25/6/2015	2423 /MU M/2015	National	SVNIT	N.A.
2	Dr. Piyush N. Patel, Rahul Yadav	A Novel Lab-On-Chip Bonded Via-Less Electromagnetic Band Gap Inspired Patch Sensor For Adulteration Detection In Fish-Oil Dietary Supplement	Process and Product	The patent Office Journal	9/10/2015	24/9/2015	3624 /MU M/2015	National	SVNIT	N.A.
3	Mr. Pinalkumar Engineer, Lokesh Sharma	Dual Screen mobile device with solar charging	Product	Published	-	29/03/2016	<u>2016</u> <u>2101</u> <u>0692</u>	National	-	-

MECHANICAL ENGINEERING DEPARTMENT								
Sr. No	Name of the faculty	Patent Title /Area	Process / Product / Software	Where accepted/filed/ obtained	Patent Grant Date / Year	Date of Filed / Obtained	Patent No.	Patent Registered National / International
1	Dr. D. V. Bhatt	Supportive Motion Assembly for Bicycle Drive Train	Product	Filed		16-05-16	2059/MUM/2015 CBE No. 8586 Ref. No. E/2/1367/2016/MUM	National
2	Dr. D. V. Bhatt	Supportive Motion Assembly for Bicycle Drive Train	Product	Filed		27-05-16	PCT/IN2016/050161	International

Annual Report (2015-16)

3	Dr. H. K. Raval	Metal cutting band saw machine with special feature	Product	Published		26-04-16	2.016E+11	National
4	Dr. H. K. Raval	A setup for variable quantity lubrication for turning process	Product	Filed		24-06-16	2.016E+11	National
5	Dr. D. V. Bhatt	Cost Free Innovative use of Jumper Force Analysis (Provisional Application)	Product	Filed		29-04-16	CBR No. 7472 App. No. 201621014950	National
6	Dr. S. A. Channiwala	Volute for Gas Turbine Application	Process	Field		17-02-16	CBR No. 2166 App. No. 280574	National

10.4 MoUs:

ELECTRONICS ENGINEERING DEPARTMENT										
Sr. No.	MOU Signed with (Academia/ Industry/ Government)	Title of MOU	MOU Purpose	MOU Signing Date	MOU Validity (in years)	Amt. Received (Rs.)	Activity Status (In progress / Completed)	Activity Result	Indian/ Foreign	
1	Government	Memorandum of Understanding between S.V.National Institute of Technology,Surat 395007 and Indian Navy (Represented by INS Valsura)	Enhancing the availability of highly qualified, manpower in RF, wireless communication	16/10/15	5	-	In progress	In progress	Indian	
2	Industry	Memorandum of Understanding between S.V.National Institute of Technology,Surat 395007 and Jampot Photonics Private Limited (JPPL) Pune	Enhancing the availability of highly qualified, manpower in Photonic Engineering and Photonic Integrated circuits	01/01/16	5	-	In progress	In progress	Indian	

11.0 TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP-II)

11.1 Implementation of TEQIP-II @ SVNIT

Sanctioned letter No.NSC/MHRD/TEQIP-II/10/1824 dated 01/11/2010

Project Effectiveness at SVNIT : August 2010

MOU signed with MHRD : 20/07/2011

Concise Institutional Proposal : 31.65 crore dated 14/09/2010

Program life allocation by NSC : 12.50 crore dated 30/03/2012 (7th Meeting)

Amount of 1st Installment : 2.00 Crore dated 06/06/2011 (30+ 15 + 1.55 L)

Amount of 2nd Installment : 1.00 Crore dated 25/09/2012 (0.77 + 0.15 + 0.08 L)

Amount of 3rd Installment : 5.50 Crore dated 29/10/2013 (426.25+82.50+41.25 Cr)

Amount of 4th Installment : 1.00 Crore dated 23/07/2014 (77.5 + 15 +7.50 L)

Amount of 5th Installment : 1.00 Crore dated 30/12/2014

Amount of 6th Installment : 2.00 Crore dated 08/05/2015

Amount of 7th Installment : 2.50 Crore dated 15/12/2015 **(Additional Fund)**

Amount of 8th Installment : 1.25 Crore dated 08/06/2016 **(Additional Fund)**

Total amount released : 16.25 Crore

11.2 Objectives:

To bring/create more research and development culture in the Institute.		
Starting few new demands driven PG Program	MED- Manufacturing EED-Power System ECED-VLSI & Embedded systems	
Accreditation Status	UG-All eligible 5 program are applied for accreditation and NBA team was visited Institute on 29-31 January-2016. Result was awaited. UG Computer program accredited. PG- 100% Accredited. (All eligible 14 program)	
Collaborative PG Program with Industry	Industry based dissertation are in practice	
Research activities	Support to UG Project. Total 15 No.	
Number of Faculty members who underwent training between 2015 to 2016	Total Number of Faculty Trained using TEQIP Funding	63
	Pedagogy	20
	Subject Domain	102
	Management Development	12
Number of Conference / Seminars & Workshops organized at National & International levels by your Institute using TEQIP-II support (partial / full) In 2015-16	National Level	48
	International Level	--
Supporting PG / PhD enrolment	Assistantship 2015-16 - 08 Ph.D	
TEQIP-II Sponsored – Faculty Attending (June 2015 - July 2016)	Training (STTP)	: 29
	Conference	: 02
	International Conference	: 31
	National Conference	: 05
	Visit	: 01
	Research Work	: 02
	Seminar	: 12
	Workshop	: 13

Programs Organized Under TEQIP-II (June 2015 - July 2016)	CEP	: 05
	Expert Lecture	: 12
	Finishing School	: 11
	I-I-I	: 07
	National Conference	: 04
	Pedagogy	: 02
	Proficiency Course	: 02
	R & D workshop	: 01
	Reforms	: 01
	Seminar	: 04
	Training (STTP)	: 56
	Workshop	: 12

MITACS - Globalink Summer Research Internship Program at CANADA – Sponsored under TEQIP-II

Sr. No	Name of student	Roll No	Department	Duration
1	Tanvi Singh	U12EC121	ECED	12 May to 7 August 2015
2	Deepanshi Sisodiya	U13ME147	MED	5 May to 27 July 2016
3	Jaymin Panchal	U13CH011	CHED	3 May to 25 July 2016
4	Rahul Singh	U13EE045	EED	4 May to 26 July 2016

Abroad Travel using TEQIP-II Fund for Presenting Research Paper at International Conference (July 2015 to June 2016)		
Sr. No.	Designation	No. of Person
1	Faculty	15
2	Research Scholar	14
	Total	29

Programme Organized under TEQIP-II (June 2015 - July 2016)															
Dept.	ACD	AMD	AMHD	APD	CED	CHED	COED	ECED	EED	MED	T&P	TEQIP	ED CELL	I-I-I CELL	TOTAL
Category															
Continious Educational Programme (CEP)										5					5
Curriculum Review Workshop (CRW)															0
Expert Lecture					5			2	1	3				1	12
Finishing School (FSC)		1			2		1	1	4	2					11
Industry Institute Interaction (I-I-I)								2		1	3			1	7
International Conference															0
National Conference					2					2					4
Pedagogy Training						1				1					2
Proficiency Course					1				1						2
R & D Workshop					1										1
Reforms										1					1
Seminar								2		1				1	4
Short Term Training Programme (STTP)		3	9	3	9	5	5		10	12					56
Workshop		1			5	3		2					1		12
TOTAL	0	5	9	3	25	9	6	9	16	28	3	0	1	3	117

11.3 Expenditure up to 31st July 2016:

Program Component	Actual Expendiure (Rs. In Lakhs)
Equipment	530.35
Providing Assistant Ship to Non-Gate students	134.15
Research & Development	47.60
Faculty & Staff development	337.98
Industry Institute Interaction (I-I-I)	19.33
Management Capacity Development	26.29
Reforms	21.60
Academic Support for Weak student	42.13
Incremental operating Cost	61.07
Total	1220.50

UTILIZATION

Actual Expenditure : 1220.50 L

Total Fund Release till date : 1625.00 L

Utilization % : 75.11 %

12. Sponsored Research:

12.1 a) Research Projects Details:

No	Dept.	Date Of Allotment	Name of Project	Name of Project Co-Ordinator	Grant Sanctioned	Duration	Status
1	ACD	12.12.11	CSIR Project on Influence of Alkyl Chain of Imidazolium Based Ionic Liquids on Physiochemical Properties of the Dimeric Surfactants	Dr. Naved Malek	1,242,000	3 years	Completed
2	ACD	21.10.13	CSIR Project – Biodiesel purification preparation of novel biodegradable purification material from saw dust and development of cutting cost dry wash biodiesel purification technology	Dr. B. Z. Dholakiya	1,370,333	2 years	Ongoing
3	ACD	04.09.14	SERB Project – Polymer-graphene-antimicrobial protein hybrid composite microspheres as potent biocidalagents with attract and kill protein-metal synergy.	Dr. Rajendra Kumar	1,200,000	2 years	Ongoing
4	ACD	13.05.14	SERB Project– Development of novel supramolecular sensing systems using fluorescent quantum dots.	Dr. S. K. Sahoo	3,940,000	3 years	Ongoing
5	ACD	07.10.14	ARDB Project – Parametric Investigation on Upward Swirl Can f Type Gas Turbine Combustor	Dr. J. Banerjee	2,012,000	2 years	Ongoing
6	ACD	23.02.15	DRDO Project - " Application of Benthic microbial fuel cell (BMFC) for Powering novel sensors"	Dr. Kalpana Maheria	3,140,000	3 years	Ongoing
7	ACD	11.06.15	BRNS Project - Development of surface Functionalisd	Dr. K. Suresh Kumar	3,131,400	3 Years	Ongoing
8	ACD	18.03.13	Gujcost Project – Synthesis of novel pyrimidine Trion based Anticancer agents from RasphanusStavivus as Plant Source and algae as marin source	Dr. B. Z. Dholakiya	200,000	2 Years	Ongoing

Annual Report (2015-16)

9	AMD	11.02.15	Gujcost Project – Seismic resistant steel beam to column joints	Dr. G. R. Vesmawala	430,000	2 Years	Ongoing
10	AMD	31.03.16	Performance and design evaluation of test tracks of flexible pavement with waste materials in subbase and base Layers.	Dr. Satyajit Patel	16,115,200	3 Years	Ongoing
11	AMD	20.06.16	Development of Adaptive Control Algorithm for Shunt Compensator	Dr. Saba Raj Arya	194,000	2 Years	Ongoing
12	AMD	18.07.16	Collaborative Data Processing and Resource Optimisation for Post Disaster Management and Surveillance using Internet of Things	Dr. Mukesh A. Zaveri	6,500,000	3 Years	Ongoing
13	AMD	22.07.16	SERB Project Extended Wright Type Hypergeometric Functions	Dr. R. K. Jana	1,515,360	3 Years	Ongoing
14	AMD	20.06.16	Experimental Studies on High Performance Concrete Using Industrial Wastes	Dr. C. D. Modhera	300,000	2 Years	Ongoing
15	AMD	20.06.16	Some Studies on Performance of Previous Concrete for improving soft Ground	Pof. J. B. Patel	692,000	2 Years	Ongoing
16	AMD	08.03.16	SERB Project - Functional Variants of Mussel Inspired Biomaterial Surface; effect to Surface Functional Groups on antibiofilm Properties\	Rajendra Kumar	2,891,000	3 years	Ongoing
17	AMD		AICTE Project QIP Centre	Dr. Shailendra Kumar	3,391,500	3 years	Ongoing
18	AMD	17.08.16	SERB Project - Development of Control Algorithms for shunt and series connected Custom Power Devices.	Dr. Sabha Raj Arya	4,410,560	3 years	Ongoing
19	AMD	22.08.16	DST - NIMAT (MOU - EDI) - To create techno-entrepreneurs and resource persons through Entrepreneur Development Programme Strategy	Dr. C. D. Modhera	1,295,000	3 years	Ongoing
20	AMHD	21.12.2010	BRNS Project on Development of Anti Reflection Coating for Fabrication of	Dr. Vipul Kheraj	2,387,200	3 years	Completed

Annual Report (2015-16)

			superluminescent LightEmitting Diode				
21	AMHD	25.03.11	DBT Project on Establishment of Bioinformatics Infrastructure Facility for Biology Teaching through Bioinformatics (BIF-BTBI) under the BTIS net	Dr. Neeru Adlakha	2,000,000	3 years	Ongoing
22	AMHD	02.02.11	CSIR Project on Computational Model and Server for Simulation of Ca ² Dynamics in Myocytes	Dr. Neeru Adlakha	422,838	3 years	Completed
23	AMHD	14.03.13	CSIR Project – Study On Fixed Point Theorems for single valued and multivalued and their applications in best approximation	Dr. Dhananjay Gopal	170,000	2 years	Completed
24	AMHD	23.09.15	Gujcost Project - Study on Nonlinear partial differential	Dr. Twinkle Singh	110,000	2 years	Ongoing
25	APD	11.03.13	SERB Project - A study on change in refractivity of the atmosphere prior to earthquakes	Dr. K. N. Pathak	1,466,200	3 years	Ongoing
26	APD	20.09.13	SERB Project – Novel nanomaterials structure, growth, electronics, magnetic and optical properties	Dr. D. R. Roy	600,000	3 years	Ongoing
27	APD	27.09.13	BRNS Project –Ground – State properties of low dimensional quantum systems.	Dr. L. K. Saini	1,449,250	3 years Extended upto 31.12.16	Ongoing
28	APD	01.11.13	SERB Project – Properties of mesons using QCD inspired models	Dr. A. K. Rai	1,284,000	3 years	Ongoing
29	APD	24.02.14	SERB Project – Strongly – correlated electronics materials, Topological quantum nano – materials	Dr. L. K. Saini	1,404,000	3 years	Ongoing
30	APD	18.11.15	SERB Project - Performance of latest IRI Model	Dr. Shital Karia	2,980,000	3 Years	Ongoing
31	CED	12.11.12	CSIR Project on Dev. Of Indian Highway Capacity Manual (Indo- HCM)	Dr. G. J. Joshi	995,150	2 years	Ongoing

Annual Report (2015-16)

32	CED	04.01.13	DST Project on Utilization of Copper Slag and Fly ash for Road Construction and building materials	Dr. Rakesh Kumar	1,693,620	3 years	Ongoing
33	CED	24.02.14	SERB Project – Use of water treatment plant sludge for the post treatment of UASB reactor treating municipal waste water	Dr. M. A. Mulla	1,690,000	3 years	Ongoing
34	CED	14.07.14	BRNS Project – Estimation and prediction of near field concentration of KAPS discharged radionuclides (3H,137CS,60Co) in the aquatic environs of mothicher lake.	Dr. R. A. Christian	1,271,800	2 years	Ongoing
35	CED	08.07.15	SERB Project - " A Study on ultrasound assisted crystallization of clopidogrel hydrogen sulfate"	Dr. S. R. Patel	1,576,000	2 Years	Ongoing
36	CED	21.05.13	SERB Project - Study of traffic flow characteristic	Dr. S. S. Arkatkar	2,174,000	3 years	Ongoing
37	CED	21.11.14	Strengthens the research facilities in the area of :Flow Structures and Turbines	Dr. V. L. Manekar	17,500,000	5 Years	Ongoing
38	CHED	13.04.11	DRDO Project on Fabrication and Characterization of Porous Silicon and its Application as a Optical Biosensor	Dr. M. Chakraborty	2,122,600	2 years	Completed
39	CHED	16.04.13	CSIR Project – Studies on novel techniques for extraction of essential oil from patchouli	Dr. Jigisha Parikh	1,206,940	2 years	Ongoing
40	CHED	04.07.14	DRDO Project - " Application of Benthic microbial fuel cell (BMFC) for Powering novel sensors"	Dr. A. K. Mungray	1,777,600	3 years	Ongoing
41	CHED	28.07.15	Study of Microbial Consotria in Microbial fuel cell	Dr. A. K. Mungray	1,705,000	3 Years	Ongoing
42	CHED	26.11.14	Gujcost Project –A study on stacked-bed-reactor-configuration in alkane-isomerization recation	Dr. P. A. Parikh	300,000	2 Years	Ongoing

Annual Report (2015-16)

43	CHED	28.03.16	GUJCOST Project Studies on interfacial characteristics of Liquid system	Dr. V. N. Lad	510,000	3 years	Ongoing
44	COED	01.09.11	DIT Project on A Secure Data Aggregation Systems and as Intrusion Detection System for Wireless Sensor Networks	Dr. D. C. Jinwala	4,886,400	3 years	Completed
45	COED	12.02.16	ISEA Project - " Phase - II released Grant in Aid"	Dr. D. R. Patel	18,570,000	5 years	Ongoing
46	COED	18.03.16	Gujcost Project – Investigating Anti-Replay algorithms for link layer security architecture in wireless sensor networks	Dr. D. C. Jinwala	240,000	2 years	Completed
47	ECED	15.03.11	DRDO Project on Fabrication and Characterization of Porous Silicon and its Application as a Optical Biosensor	Dr. Vivekanand Mishra	3,000,000	3 years	Completed
48	ECED	21.11.11	DST Project on Performance Appraisal of a FG MOS Transistor by using QD Floating Gate in 45 nm Regime	Dr. Vivekanand Mishra	1,643,117	2 years	Completed
49	ECED	04.10.12	DST Project on Dev. Of intelligent optical Bio-Chemical Sensor using optical fiber gratings	Dr. Vivekanand Mishra	3,440,000	2 years	Completed
50	EED	22.11.11	DST Project on Development of Guideline for Preventing Elderly Users Injuries at Intersection	Dr. Rakesh Kumar	3,862,305	3 year	Ongoing
51	EED	04.02.15	SMDP Project - " SMDP C2SD Project"	Dr. A. D. Darji	1,595,000	5 years	Ongoing
52	EED	27.10.15	BRNS Project - FPGA based adaptive filter Algorithm	Dr. Anand Darji	2,487,750	2 years	Ongoing
53	EED	02.12.14	CSIR Project - Development of Stochastic Filtering	Dr. S. N. Sharma	273,000	2 years	Ongoing
54	MED	21.06.11	DST Project on Investigation on Metal Removal Rate in Electro Discharge Machining Process under Orbital Tool Movement	Dr. K. P. Desai	1,535,000	2 years	Completed

Annual Report (2015-16)

55	MED	16.04.12	DST Project On Investigation of Bending Forces & Friction coefficient during continuous bending of Conical shells on 3 – roller bending machine	Dr. H. K. Raval	3,300,000	3 years	Ongoing
56	MED	16.02.12	DST Project on 2 Stage PTC for 10 K Applications	Dr. H. B. Naik	2,900,000	3 yrs	Ongoing
57	MED	18.07.13	BRNS Project – Development of Thermo acoustically driven pulse tube refrigerator	Dr. H. B. Naik	2,499,000	3 years	Ongoing
58	MED	13.02.14	SERB Project – Automation of design of compound dies for sheet metal Industries	Dr. S. Kumar	2,050,000	3 years	Ongoing
59	MED	9.10.13	MHRD Pedagogy Project – Developing suitable pedagogical methods for various classes intellectual calibers and e – learning.	Dr. S. Kumar	7,700,000	30 Months	Ongoing
60	MED	23.05.14	SERB Project – Experimental analysis of slug regime in Gas-liquid two-phase flow through pipes.	Dr. J. Banerjee	2,518,400	3 years	Ongoing
61	MED	21.07.14	BRNS Project – Mathematical modeling of thermal dispersion of effluent released into moticher lake at KAPS.	Dr. J. Banerjee	2,499,600	2 years	Ongoing
62	MED	17.02.15	DRDO Project - " Probabilistic Fracture response of laminated panels comprising functionally graded materials with cutouts"	Dr. Achchhelal	2,631,520	3 years	Ongoing
63	MED	03.06.15	DST Project - " Optimization of sustainable advanced manufacturing processes"	Dr. R. Venkata Rao	1,262,700	3 years	Ongoing
64	MED	05.01.15	Study of Microbial Consotria in Microbial fuel cell	Dr. Shailedra Kumar	2,295,840	3 Years	Ongoing
65	MED	18.03.13	Gujcost Project – Analysis Design and Experimental investigations on radial infliwmicrogas turbine	Dr. S. A. Channiwala	500,000	2 Years	Ongoing
66	MED	22.05.13	Gujcost Project – Use of Fly ash in Construction	Dr. Rakesh Kumar	35,000	1 Years	Completed

Annual Report (2015-16)

67	MED	26.11.14	Gujcost Project - Study of effect of Tooling on formability	Dr. H. K. Raval	500,000	1 Year	Ongoing
68	MED	23.11.14	Gujcost Project - Flame propagation & Stabilisation	Dr. S. A. Channiwalla	850,000	1 Year	Ongoing
69	MED	23.11.14	Gujcost Project - Towards higher generation Biofuel	Dr. P. V. Bhale	400,000	2 years	Ongoing
70	MED	16.01.15	Gujcost Project - Generation of non circular cavity	Dr. H. K. Dave	250,000	2 years	Ongoing
71	MED	05.11.15	ARDB Project - Stochastic Progressive failure response	Dr. Achchelal	816,000	2 years	Ongoing
Total					177,307,183		

b) Consultancy Details:

No.	Title of Consultancy of assignment	Name of the Industry for whom assignment carried out	Name of the Coordinator	Total Amt. Earned in Rs.	Year	Dept.
1	Mix Design for the work of Re-Carpeting/Strengthening & Extension of Runway 04/22 at Surat Airport, Surat	Airport Authority of India	Shri. Amit J. Solanki	187,780	2015-16	CED
2	Consultancy Services for Solid Waste Management for Bharuch Mahanagar Palika, Bharuch	Bharuch Mahanagar Palika	Dr. K. D. Yadav	28,625	2015-16	CED
3	Morphological Study of Tapi River Using Remote Sensing Technique	Central Water Commission Govt. Of India	Dr. P. L. Patel	676,000	2015-16	CED
4	Providing Footpath from Zanda Chowk to Amla Chowk to Secretariate Bhavan Road."	Chief Officer, Silvassa M.C. D-N Haveli, Silvassa.	Dr. Krupesh A. Chauhan	98,438	2015-16	CED
5	Providing Footpath on Existing Drainage from Silvassa Bavisafalia."	Chief Officer, Silvassa M.C. D-N Haveli, Silvassa.	Dr. Krupesh A. Chauhan	114,649	2015-16	CED

Annual Report (2015-16)

6	'Construction of Engineering, Procurement and Construction (EPC) Contract for providing and laying sewer collecting pipeline with House connection and Construction, Erection, Testing and Commissioning of all the Sewage Pumping Station with all Civil, Mech. and Electrical works including rising main with 1 year free comprehensive plus 4 years operation & Maintenance for daman Underground sewerage project.'	Daman Municipal Council, Daman	Dr. R. A. Christian	315,534	2015-16	CED
7	Consultancy Services for Preliminary Design of Utilities / Services of Town Planning Scheme 2 East (TP2E) at Dholera Special Investment Region.	Design Point Consultant Pvt . Ltd., Surat	Dr. P. L. Patel	1,002,100	2015-16	CED
8	Proof Checking of Hydraulics for "Rural Water Networks Components"	Dilip Buildcon Ltd	Dr. S. M. Yadav	2,814,000	2015-16	CED
9	Widening of Silvassa Naroli Road at D&NH Border (Ch. 9600 to 9950 Mt).	EE, P.W.D. Civil Divi No. II (Road), D- N Haveli Silvassa.	Dr. Krupesh A. Chauhan	107,895	2015-16	CED
10	Construction of Farmer's Training Centre at Silvassa).	EE, P.W.D. Civil Division No. I (B), DN Haveli, Silvassa.	Dr. Krupesh A. Chauhan	560,119	2015-16	CED
11	Construction of Protection wall and compound wall for New Circuit house campus Silvassa (Survey No. 118/1P).	EE, P.W.D. Civil Division No. I (B), D-N Haveli Silvassa.	Dr. Krupesh A. Chauhan	104,285	2015-16	CED
12	Up- gradation of CHC Khanvel up to 100 bedded Civil Hospital.	EE, P.W.D. Civil Division No. I (B), DNH,Silvassa.	Dr. Krupesh A. Chauhan	767,839	2015-16	CED
13	Construction of Transport Bhavan (G+2) at ATHAL, P.W.D, Silvassa	EE, P.W.D. Civil Division No. I (B), DNH,Silvassa.	Dr. Krupesh A. Chauhan	243,789	2015-16	CED
14	Reconstruction/ Strengthening of damage boundway wall of ONGC Uran Plant, Uran	General Manager, HES ONGC, Uran	Dr. Krupesh A. Chauhan	1,094,400	2015-16	CED
15	Preparing Preliminary report for laying pipeline for filling ponds.	Gram Vikas and Paryavaran Samiti Junagam	Dr. S. M. Yadav	286,250	2015-16	CED

Annual Report (2015-16)

16	Mix Design for SDBC for the work Widening and improvement of various road in Olpad and choryashi Taluka, Dist.-Surat	J. M. Shah	Dr. S. S. Arkatkar	29,640	2015-16	CED
17	Field and Laboratory Investingations: Beawar-Pali-Pindwara Toll-Way Ltd.	L&T Infra.	Dr. S. S. Arkatkar	124,327	2015-16	CED
18	“Design Of Lining Of Vinzol Vehena (About 5.7 Km Length) And Its Estimation”	NARMADA WRD, AHMEDABAD	Dr. P. V. Timbadiya	473,360	2015-16	CED
19	Technical Evaluation for the construction of Border Road, Fence and Border Flood Light of 1.00 Km as Pilot Project from BP-1049 to BP-1050 at Indo-Pak Border Project at Rann of Kutch, Gujarat.	NBCC	Shri. Amit J. Solanki	22,476	2015-16	CED
20	Scrutiny of DPR for the Work under PMGSY project for Gujarat state	NRRDA,New Delhi	Dr. G. J. Joshi	1,056,519	2015-16	CED
21	“Quantity Estimation for the Executed Work Based on Joint Measurement for Clarifier in Plant area at NTPC, KGPP.”	NTPC Ltd	Dr. D. A. Patel	43,800	2015-16	CED
22	Laying of Pipeline from Madhuban Dam to Dabhel Dunetha and Magarwada Treatment Plant.	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Daman	Dr. Krupesh A. Chauhan	1,139,112	2015-16	CED
23	Construction of Strom Water Drain and Utility Trench channel from Baman Puja to Dholar Junction, Moti Daman.	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Daman	Dr. Krupesh A. Chauhan	308,738	2015-16	CED
24	Construction of Bridge across River Kolak connecting Nani Daman to Udwarada at Patailiya Daman.	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Daman	Dr. Krupesh A. Chauhan	353,063	2015-16	CED
25	Construction of Institute of Hotel Management & Catering Technology (Phase-II) at Karad, U. T of D&NH.	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	286,614	2015-16	CED

Annual Report (2015-16)

26	Construction of new control room bldg with a compound wall etc. at 2 x 20 MVA, 66/11 KV Sub- Station at Piparia for electricity department (b) Construction of Retaining wall an compound wall for 66/11 KV substation for electricity department on land bearing survey no 366/28 at Zari Daman	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	456,560	2015-16	CED
27	Construction of Government College (Academic Building) at Dokmardi	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	671,945	2015-16	CED
28	Construction of Government College (Auditorium Building) at Dokmardi	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	576,508	2015-16	CED
29	Construction of underground sewerage scheme for silvassa, DNH	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	807,319	2015-16	CED
30	Construction of new corporate office for electricity department	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	506,490	2015-16	CED
31	Construction of 04-Lane Bridge at Agriwad Across Piparia River in the U.T. of dadra & Nagar Haveli.	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	3,003,333	2015-16	CED
32	Construction of Advance Imaging Centre at Shri. Vinobabhav Civil Hospital, Silvassa.	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	111,694	2015-16	CED
33	Construction of High Level Bridge at Piparia Across River Piparia in the U. T. of Dadra & Nagar Haveli.	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	249,442	2015-16	CED
34	Construction of the store room for the electricity department	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	262,994	2015-16	CED
35	Construction of High Level Bridge at Rakholi Across Damanganga River in the U. T. of Dadra & Nagar Haveli.	OIDC of Daman & Diu and Dadra & Nagar Haveli Ltd., Silvassa	Dr. Krupesh A. Chauhan	304,035	2015-16	CED
36	Professional Services for Design and Estimation of ONGC Road from Muler to GGS-V in Gandhar Field (7.20KMS).	ONGC, Ankleshwar	Dr. S. S. Arkatkar	1,813,859	2015-16	CED

Annual Report (2015-16)

37	(a) Conveion of 600mm Dia existing gravity main water supply pipeline between Somnath Junction and Kachigam Junction, Nani Daman. (b)Construction of F.F. & Revovating of G.F. Hostel Buiding at Bhenslore Govt. College, Nani Daman. (C)Construction of check Dam cum Causeway across River Kolak at Mota Randha	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	333,110	2015-16	CED
38	Improvement, wideing and resurfacing of road strating from Kadaiya school upto moti vankad via bhimpore char rasta and coastal highway including construction of road divider from mirasol lake report up to bhimpore char rasta and construction of RCC box storm water drain from bhimpore char rasta up to coastal highway (both side) at Bhimpore, Nani Daman	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	114,839	2015-16	
39	Construction of Ayush Hospital and Panchkarma centre on first floor building at PHC, Kachigam, Nani Daman	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	83,081	2015-16	CED
40	Construction of Civil Engineering and Chemical Engineering Building at Govt. Polytechnic Varkund, Nani Daman.	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	396,975	2015-16	CED
41	Various development works at police head quarters Dunetha, Daman.	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	413,974	2015-16	
42	Construction of New Lekha Building for Accounts Department at Moti DamanSH: Civil Works (2nd Call) (E-10996)	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	32,858	2015-16	CED
43	Construction of Head quarters Building for Electricity Department at 66 KVA Kachigam, Nani Daman	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	164,160	2015-16	CED

Annual Report (2015-16)

44	Replakhsement of existing 500mm dia underground gravity main pipeline from Vad chowki to Mashal Chowk at Nani Daman.	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	47,435	2015-16	CED
45	Construction of RCC Strom Water Drain Gutter for Dabhel Panchayat Daman	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	85,480	2015-16	CED
46	Construction of RCC Box Drain from uncompleted drain Near Dholar Junction to Nala near Damanwada group Gram Panchayat, Moti Daman	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	592,798	2015-16	CED
47	Construction of "C" type quarte for police department at Damanwada, Moti Daman	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	54,902	2015-16	CED
48	Construction of first floor and second floor to provide additional classroom at GHS Bhipore, Nani Daman.	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	11,713	2015-16	CED
49	Regarding Construction of Retaining wall at Ras Resort side at Silvassa, D & NhH	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	453,863	2015-16	CED
50	Construction of Multi storied building on land of government distillery situated at Bhenslore, Nani Daman for Accommodating various offices / Department of Daman District	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	76,157	2015-16	CED
51	Providing, Supplying, installing and commissioning of Ultrasonic Bulk Flow meter at various plakhses of Daman	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	41,165	2015-16	CED
52	Construction of New Building (GF + 6 Storeys) at Circuit House, Nani Daman (E-22780)	P.W.D. W.D-I, Daman.	Dr. Krupesh A. Chauhan	162,571	2015-16	CED
53	TPI for Construction of Additional New Bridge with approaches at Tad Creek in Diu District.	PWD, DIU	Dr. G. J. Joshi	1,042,292	2015-16	CED

Annual Report (2015-16)

54	TPI for Providing 40mm thick dense graded bituminous macadam and 20mm thick mix seal surface (MSS type) by sener paver finish on four lane road from Nagoa Junction to Vanakbara in Diu District.	PWD, DIU	Dr. G. J. Joshi	317,811	2015-16	CED
55	TPI of Construction of New School Building for Government Higher Secondary Girls	PWD, DIU	Dr. J. E. M. Macwan	770,157	2015-16	CED
56	Third Party Inspection for Construction of Auditorium near overhead Water Tank at Malala Village-DIU	PWD, DIU	Dr. J. E. M. Macwan	120,384	2015-16	CED
57	Third Party Inspection for Construction of pile jetty for Landing of Passenger vessels at Diu	PWD, DIU	Dr. J. E. M. Macwan	143,928	2015-16	CED
58	TPI of Extension of Padmabhushan Sports Complex	PWD, DIU	Dr. J. E. M. Macwan	430,993	2015-16	CED
59	Strengthening, repairing, rehabilitation and restoration of city wall for heritage walkway from Diu Zampa towards Chandrikamata temple at diu (Ch.457.00 to 737.00 mts)	PWD, DIU	Dr. J. E. M. Macwan	273,620	2015-16	CED
60	Construction of Dry dock Platform by providing C.C. wall with back earth filling and soling on top towards creek side from Jalaram Society at Vanakbara to Saudwadi in Diu District'	PWD, DIU	Dr. J. E. M. Macwan	93,660	2015-16	CED
61	Construction of fishing platform from Kajimam to bunder jetty at Ghoghla-Diu.	PWD, DIU	Dr. J. E. M. Macwan	622,108	2015-16	CED
62	Prepare Mix Design for BC and DBM for the work of a. Four Laning of Billimora Chikhli Road Km.4/4 to 9/0. b. Widening & Strengthening Amalsad Gandevi Road Km 0/0 to 5/2	Road & Building Division, Navsari	Dr. G. J. Joshi	135,110	2015-16	CED
63	Mix Design for the work of Construction of flexible pavement at ONGC Road at	Road & Building Division, Navsari	Dr. Ashish Dhamaniya	29,640	2015-16	CED

Annual Report (2015-16)

	Maroli (1.340Km).					
64	Mix Design for Soil-Stabilisation for the work of Four Lanning of Surat-Sachin Navsari Road Km.13/04 to 30/360 in Surat and Navsari District.	Road & Building Division, Navsari	Dr. Ashish Dhamaniya	22,483	2015-16	CED
65	Mix Design for Constructing a Major Bridges on Various road in Navsari and Jalalpore Taluka Dist. Navsari Under B. L. P. Normal 2014-15 Package-1.	Road & Building Division, Navsari (Panchayat)	Dr. Ashish Dhamaniya	49,464	2015-16	CED
66	Providing Third Party Inspection (TPI) for the work of 'Government Boys Dry Hostel, Surat Building Works'	Road & Building Division, Surat	Dr. S. M. Yadav	149,140	2015-16	CED
67	Pavement Design for Surat Olpad Sahol Road KM 9/8 to 29/2	Road & Building Division, Surat	Dr. G. J. Joshi	162,450	2015-16	CED
68	Mix Design for the work of Widening and Strengthening Pardi Station to Umarsad Machivad Road K. M. 0/0 to 5/0.	Road & Building Division, Valsad	Shri. Amit J. Solanki	57,250	2015-16	CED
69	TPI works for Hostel and Staff Quarters at Adarsh Nivashi School Sarthana Surat.	Road and Building Division, Surat	Shri. R. M. Tailor	51,039	2015-16	CED
70	"Design of flexible pavement for the widening of branch Suvali Road KM 0/0 to 3/0 & widening of Mora-Bhatalai-Damka Road KM 0/0 to 5/6."	Road and Building Division, Surat	Dr. Rakesh Kumar	61,560	2015-16	CED
71	Job Mix Formula for Carpeting and Re-Carpeting of Roads below 24.00mt width within South Zone.	Sage Infrastructure Pvt. Ltd.	Dr. S. S. Arkatkar	59,540	2015-16	CED
72	Job Mix Formula for BC-Grade-I and II and DBM Grade-I and II for the work of Carpeting and Re-carpeting of Roads having 24.00mt and above in West Zone.	Sage Infrastructure Pvt. Ltd.	Dr. S. S. Arkatkar	50,000	2015-16	CED

Annual Report (2015-16)

73	Scrutiny of Planning and Proof Checking of Major Infrastructure Network at village Muler, Taluka Vagara of District Bharuch.'	Shiwalay Enterprise, Vadodara	Dr. S. M. Yadav	50,000	2015-16	CED
74	Strengthening of weak pavement of Dudhni Ghodbari Road (35.0 to 39/7 Km) (4.70 Km)	Silvassa Municipal Council, Silvassa	Dr. Krupesh A. Chauhan	213,427	2015-16	CED
75	Construction of Minor Bridge over LBMC on Rakholi Sayli road between Ch. 1/6 to 1/8 Km.	Silvassa Municipal Council, Silvassa	Dr. Krupesh A. Chauhan	113,749	2015-16	CED
76	Improving riding surface of Road from Kherdi main road to Parzai Dolara village.	Silvassa Municipal Council, Silvassa	Dr. Krupesh A. Chauhan	47,411	2015-16	CED
77	Converting one lane to one & half lane Road of Khadoli industrial estate including road median work.	Silvassa Municipal Council, Silvassa	Dr. Krupesh A. Chauhan	111,186	2015-16	CED
78	Construction of High School Building at Tokarkhada, Silvassa (Third Floor and Terrace).	Silvassa Municipal Council, Silvassa	Dr. Krupesh A. Chauhan	139,300	2015-16	CED
79	Construction of Circuit house at Silvassa.	Silvassa Municipal Council, Silvassa	Dr. Krupesh A. Chauhan	379,600	2015-16	CED
80	Construction of Type – III Residential Quarter for VBCH at Silvassa (Block -II).	Silvassa Municipal Council, Silvassa	Dr. Krupesh A. Chauhan	428,031	2015-16	CED
81	TPI for Construction of Primary School Building at T.P.S. No. 81(Dumas), F.P. No. 60 in South West (Athwa) Zone	Surat Municipal Corporation, Surat	Dr. N. J. Mistry	33,586	2015-16	CED
82	Carpeting/recarpeting roads having width 80' & Above Falling in NZ. Jurisdiction within Surat City limit by Contractors own drum mix type hot mix plant & Sensor paver finisher to be installed in Surat City limit.	Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	46,179	2015-16	CED
83	Providing and Constructing R.C.C. storm water line at T. P. S. no.10, 11 (Adajan), Shree Swaminaraya Temple to Shree Badrinarayan temple in West Zone (rander) area of Surat City.	Surat Municipal Corporation, Surat	Dr. P. V. Timbadiya	27,285	2015-16	CED

Annual Report (2015-16)

84	TPI for Providing and Laying RCC Storm drainage line on various road for Outlet No. 7 (From Godadar khadi to Mansarovar Society railway parallel road) in DTPS. No. 69 (Godadara-Dindloi) in S.E.Z. (Limbayat).	Surat Municipal Corporation, Surat	Dr. S. M. Yadav	23,483	2015-16	CED
85	TPI for laying of 600mm dia pipeline on various roads for outlet no. 13 and 14 (omnagar to Ambica park and Umiyanagar) in S.E.Z.(Limbayat) Draft T.P. scheme no.69 (Godadara-Dindoli).	Surat Municipal Corporation, Surat	Dr. S. M. Yadav	23,826	2015-16	CED
86	Providing and Laying Drainage lines of R.C.C. NP3/NP4 class in Navagam area in East Drainage Zone Under old City Sewerage Network Augmentation, Surat.	Surat Municipal Corporation, Surat	Dr. S. M. Yadav	145,893	2015-16	CED
87	TPI for the work of Providing & Laying Drainage main line from Navsari Bazar char Rasta to Salabatpura SPS in Central Zone.	Surat Municipal Corporation, Surat	Dr. V. L. Manekar	131,166	2015-16	CED
88	TPI for Various Metal Grouting Road Work in North Zone (Katargam)	Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	150,293	2015-16	CED
89	TPI services for Construction of Carpeting/Recarpeting of 24.00mt. and above 24.00mt. wide roads within East Zone, Varachha'	Surat Municipal Corporation, Surat	Dr. S. S. Arkatkar	32,642	2015-16	CED
90	TPI services for various Metal grouting road work in North Zone (Katargam)	Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	93,076	2015-16	CED
91	TPI services on site visit basis for various metal grouting road works in South East Zone	Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	188,123	2015-16	CED
92	Third Party Inspection for various metal grouting road works in T.P. Roads and Internal Society Roads.	Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	163,275	2015-16	CED

Annual Report (2015-16)

93	Third Party Inspection for Construction for the widening (both side) of 45 mt. wide Middle Ring Road from Surat Bardoli Road to Godadara Double Phatak with Arterial Road Design metal grouting work in S. E. area, Limbayat.	Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	186,550	2015-16	CED
94	TPI for Carpeting/recarpeting roads having width 80' & Above Falling in NZ. Jurisdiction within Surat City limit by Contractors own drum mix type hot mix plant & Sensor paver finisher to be installed in Surat City limit.	Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	46,179	2015-16	CED
95	Mix Design for the work of Carpeting/Recarpeting for 24.00 mtr. And above in South West Zone.	Surat Municipal Corporation, Surat	Shri. Amit J. Solanki	130,000	2015-16	CED
96	Carpeting/Re-Carpeting below 24.00 mt. wide roads by contractors own drum mix plant in South west Zone (Athwa), S.M.C., Surat	Surat Municipal Corporation, Surat	Shri. Amit J. Solanki	86,667	2015-16	CED
97	TPI for the work of providing laying and construction storm water drainage (pipe drain) system outlet No-03, Part-C in North Zone (New Area) of Surat City	Surat Municipal Corporation, Surat	Dr. P. L. Patel	13,388	2015-16	CED
98	TPI services on site visit basis for various metal grouting road works in Subzone-1,3 of South East Zone.	Surat Municipal Corporation, Surat	Dr. Chetan R. Patel	184,130	2015-16	CED
99	Providing Third Party Inspection (TPI) for the work of Providing and Laying 1000 mm dia RCC NP4 class pipes with sinking and pushing method at UNN, Surat	Surat Municipal Corporation, Surat	Dr. P. V. Timbadiya	18,353	2015-16	CED
100	Providing TPI for Laying of 1000 mm GRP in SW (Athwa zone) of SMC	Surat Municipal Corporation, Surat	Dr. J. N. Patel	16,060	2015-16	CED

Annual Report (2015-16)

101	TPI services on site visit basis for various metal grouting road works in S.E.Z. S.E.Z./Tech/564,Dt.:17/02/2014	Surat Municipal Corporation, Surat	Dr. Chetan R. Patel	200,000	2015-16	CED
102	Consultancy services for Khajod Disposal Site- Socpe of study, report and estimation of unorganized disposal waste by using scientific method.	Surat Municipal Corporation, Surat	Dr. K. D. Yadav	35,393	2015-16	CED
103	TPI services for the work of Carpeting/Re-carpeting of 24.00 mt & above 24.00mt. wide road within East Zone (Varaccha),	Surat Municipal Corporation, Surat	Shri. R. M. Tailor	122,775	2015-16	CED
104	TPI for Strengthening and over Laying of Flexible pavement for puna valthan canal road (L.H.S.)	Surat Urban Development Authority, Surat	Dr. Ashish Dhamaniya	34,066	2015-16	CED
105	TPI for Construction and Carpeting of 30.00 mt. wide road between SUDA T.P.35 (Kumbharia-Saroli-Sania Hemad-Devadh) & SMC T.P.19 (Parvat-Godadara) with Deviver(2x7.5mt)	Surat Urban Development Authority, Surat	Dr. S. S. Arkatkar	43,357	2015-16	CED
106	Providing TPI services for the work of Construction and carpeting of 18.00 MT Roads in T.P. 35 (Kumbhariya – Saroli – Saniya Hemad - Devath)	Surat Urban Development Authority, Surat	Dr. J. N. Patel	125,984	2015-16	CED
107	Conduction of computational Fluid Dynamics (CFD) Simulation of Hydro Turbine Unit Including Tail Race Channel of Koteswar Hydro- Electric Project.	THDC India Ltd. Rishikesh	Dr. P. L. Patel	854,100	2015-16	CED
108	Proof checking of Katargam flyover bridge, Surat	Surat Municipal Corporation	Dr. H. S. Patil Dr. A. K. Desai Dr. S. N. Desai	300,000	2015-16	CED
109	Proof checking flyover bridge at Star Bazar, Surat	Surat Municipal Corporation	Dr. H. S. Patil Dr. A. K. Desai Dr. S. N. Desai	166,680	2015-16	AMD

Annual Report (2015-16)

110	Proof checking of Structural design for 11017 LIG/EWS dwelling units under Gruh scheme for urban poor	Surat Municipal Corporation	Dr. C. D. Modhera Dr. Y. D. Patil Shri. A. J. Shah Dr. H. S. Patil Dr. G. R. Vesmawala Dr. A. K. Desai Dr. S. N. Desai Dr. M. K. Desai	1,334,995	2015-16	AMD
111	Proof checking of Structural design for 11017 LIG/EWS dwelling units under Gruh scheme for urban poor	Surat Municipal Corporation	Dr. C. D. Modhera Dr. Y. D. Patil Shri. A. J. Shah Dr. H. S. Patil Dr. G. R. Vesmawala Dr. A. K. Desai Dr. S. N. Desai Dr. M. K. Desai	5,072,980	2015-16	AMD
112	Design and drawing of terrace level connecting bridge work on 11th floor between two high rise residential building (Surya heritage) TP-29, FP-78, Vesu, Surat	K.N. Enterprise, Ascon city, 2 nd floor, City light , Surat	Dr. S. N. Desai Dr. G. R. Vesmawala Dr. S. A. Vasanwala	225,000	2015-16	AMD
113	Design of Construction bridge across creek near Valak on Surat Valak road	Surat Urban Development Authority, Surat	Dr. Y. D. Patil Dr. C. D. Modhera	113,468	2015-16	AMD
114	Pre engineering building erection drawing and all fabrication	Anand International- (ST-2014- 97)	Dr. G. R. Vesmawala	25,000	2015-16	AMD
115	Detailed design of ROB at Ch. 202.650 (NH-89) on Nagpur Bikaner section in state of Rajasthan	GVR Infrastructure Ltd	Dr. H. S. Patil Dr. G. R. Vesmawala Dr. Y. D. Patil	80,000	2015-16	AMD
116	Detailed design of ROB at Ch. 254.950 (NH-89) on Nagpur Bikaner section in state of Rajasthan	GVR Infrastructure Ltd	Dr. H. S. Patil Dr. G. R. Vesmawala Dr. Y. D. Patil	80,000	2015-16	AMD
117	Improvement and widening of Bhuj – Bhachau Road (SH 42 km to km 77.00) in the state of Gujarat on BOT basis, design and drawing for construction of super structure at ROB km - 7688 (LC-29DP2)	Valecha Kutch Toll Road Ltd	Dr. A. K. Desai	35,000	2015-16	AMD
118	Proof checking construction of pedestrian Nani Daman and Moti Daman across Damanganga river near old Damanganga bridge	Executive Engineer, PWD work, Div-1, Moti Daman	Shri. A. J. Shah Dr. A. K. Desai	1,367,595	2015-16	AMD

Annual Report (2015-16)

119	Proof checking of Bus Depot and workshop on plot no R-11 in DTSP No- 48, Bhestan, Surat	SMC, Executive Engineer, Surat BRTS Project	Shri. A. J. Shah Dr. C. D. Modhera Dr. A. K. Desai	233,712	2015-16	AMD
120	1.Proof checking of community hall, Party Hall FP-51, TP-28, Althan Bhatar, Surat 2.Construction of Health club TP-5, (Althan-Umra) North 3.Construction of community hall at TP-5, Umra North FP-17	SMC, Surat, South west (Athwa)Zone	Dr. S. N. Desai Dr. M. K. Desai	619,671	2015-16	AMD
121	Proof checking of design/drawings for construction of ROB in lieu of chainage km 187500 of existing LC No LC44	GVR Infra Projects Ltd	Dr. H. S. Patil Dr. G. R. Vesmawala Dr. Y. D. Patil	80,000	2015-16	AMD
122	Structural Design of Police Bhavan (Signature Building) at Gomti Nagar, Lucknow	STUP Consultants Ltd	Dr. C. D. Modhera Dr. A. K. Desai Shri. A. J. Shah	135,000	2015-16	AMD
123	Construction of DSA colony, Muller, TG- Amod, Bharuch	Shiwalaya Enterprise, Vadodara	Dr. C. D. Modhera	10,000	2015-16	AMD
124	Proof checking of various small building at ONGC Ankleshwar	Shiwalaya Enterprise, Vadodara	Dr. C. D. Modhera	43,860	2015-16	AMD
125	Construction of 200 MLD capacity intake well with approach bridge with necessary pipelines at Mota Varachha New North zone, area of Surat	SMC (ST-2014-86) TDS-16752/-	Dr. A. K. Desai Dr. S. N. Desai	132,335	2015-16	AMD
126	2 MLD sewage treatment plant based on MRB & Tech from GSEC, Ukai	Detox Corporation Pvt Ltd	Dr. C. D. Modhera	36,000	2015-16	AMD
127	Structural Design and drawing of main plant building and admin building for UFLex Ltd., Sanand near Ahmedabad	VMS Engineering & Design services Pvt Ltd	Dr. A. K. Desai	175,439	2015-16	AMD
128	Prefabricated roof with segment tapered "I" section at Halol Panchmahal	Devashish Infrastructure Pvt Ltd	Dr. A. K. Desai	43,860	2015-16	AMD
129	Surat Tennis Club Steel Frame	Smart Technospace Pvt. Ltd.,	Shri. A. J. Shah Dr. Y. D. Patil	26,580	2015-16	AMD
130	Design of Hybrid lattice tower found wind turbine	Suzlon Energy Ltd., Pune	Dr. A. K. Desai Dr. C. D. Modhera	90,000	2015-16	AMD

Annual Report (2015-16)

131	Proof checking construction of 25X50 m size elevated swimming pool with youth empowerment center with its allied works TP-36 (Althan) FP- 101, South West Zone, Surat	Housing Department SMC, Surat	Dr. A. K. Desai Dr. M. K. Desai	309,263	2015-16	AMD
132	Proof checking of retaining wall for the construction of Vadhisheri to Saudawadi at Vanakbara, Diu	Executive Engineer, PWD, Works Div-II, Diu (ST 2014- 87)	Dr. Y. D. Patil Dr. G. R. Vesmawala	60,000	2015-16	
133	Structural design and drawings of foundation and sub structure of steel girder bridge span 18.30m and 12.20 m for IOCL pipeline at Gujarat State Fertilizer and Chemicals Ltd, Sikka	RITES Ltd.,	Dr. G. R. Vesmawala Dr. Y. D. Patil	63,000	2015-16	AMD
134	Proof checking of construction of vegetable market at Amlī	Planning and Development Authority, Silvassa (ST2015-43)	Dr. H. S. Patil Dr. G. R. Vesmawala Dr. Y. D. Patil	307,894	2015-16	AMD
135	Proof Checking	Shiwalaya Enterprise (ST2015- 77)	Dr. S. A. Vasanwala Dr. C. D. Modhera	62,079	2015-16	AMD
136	Construction of modern bus depot at Silvassa	Planning and Development Authority, Silvassa, (ST-2015-45)	Dr. Y. D. Patil Dr. H. S. Patil Dr. G. R. Vesmawala	386,842	2015-16	AMD
137	Design and approved for three nos, civil foundations for vertical pillar of cable Trat support structure for ONGC, Surat	Raj Electricals	Dr. A. K. Desai Dr. C. H. Solanki	35,088	2015-16	AMD
138	POT cum PTFE drawing ROB at km 3889 (Package B)	Soma Enterprise Ltd, ST2015-88	Dr. S. N. Desai Dr. C. D. Modhera	22,500	2015-16	AMD
139	Design and drawings at creek bridge on 24.0 m road at DTS no 59 Unn and DTS no 67 Jiav- Sonari- Gabheni at South Zone, Surat	SMC, (ST2015-51)	Dr. S. N. Desai	135,622	2015-16	AMD
140	Design and drawing at 50m PSC I girder launching scheme and methodology for the construction of bridge across river Tapi joining Rander Ara near Jilani complex Katargam area	SMC, Bridge Cell (ST2015-06)	Dr. C. D. Modhera Dr. A. K. Desai	183,885	2015-16	AMD

Annual Report (2015-16)

141	Proof checking of Kankar and Mithi creek	SMC, Surat, TDS- 20,000/-	Dr. A. K. Desai Dr. S. N. Desai Shri. A. J. Shah Dr. C. D. Modhera Dr. G. R. Vesmawala Dr. Y. D. Patil Dr. C. H. Solanki	380,000	2015-16	AMD
142	Continuation of work: See serial no 22	VMS Engg & Design Services Pvt Ltd	Dr. A. K. Desai	438,860	2015-16	AMD
143	1 Construction of pedestrian subway of size 6mX3mX22m long below railway track between station Pallavaram & Minaburkkam New Chennai	CASAD Consultants	Dr. A. K. Desai	100,000	2015-16	AMD
144	2 Construction of pedestrian subway long railway track between station Guindu & ST Thomas mount near Chennai	CASAD Consultants				
145	Hope Bridge	SMC, Bridge Cell, Surat, ST2015-41	Dr. H. S. Patil Dr. A. K. Desai Dr. S. N. Desai	375,628	2015-16	AMD
146	Proof Checking of construction of primary school at TP-62, Dindoli Bhestan , Bhedwad, FP-R-32	(SEZ, Limbayat), ST2015-80	Shri. A. J. Shah Dr. C. D. Modhera	120,139	2015-16	AMD
147	LIG- 160, Plot No 11/2 to 17, Sector-3, Sachin, P10	Surat Urban Development Authority, ST2015-52	Dr. A. K. Desai Dr. C. D. Modhera	74,844	2015-16	AMD
148	LIG-140, Plot No 18 to 22, Sector-3, Sachin, P7	ST2015-53 - Surat Urban Development Authority	Dr. A. K. Desai Dr. C. D. Modhera	51,405	2015-16	AMD
149	Proof Checking Consultancy services of structural design and drawings of railway bridges / FOB 786,803, 823	Rail Vikas Nigam Ltd, ST2015-75	Dr. A. K. Desai	241,994	2015-16	AMD
150	Structural Stability certificate for the foundation with wind turbine (WTG) of S111 – 2100 kw 90m hub height	Suzlon Energy, Ltd Pune	Dr. A. K. Desai Dr. C. D. Modhera	89,724	2015-16	AMD
151	Proof checking, 1. Fire station Navsari, 2. Open air auditorium at Rang Vihar	Navsari Nagar Palika, ST2015-93 and ST2015-93A	Dr. A. K. Desai Dr. C. D. Modhera	67,000	2015-16	AMD
152	Proof checking	Dhirajlal N. Mistry, Billimora	Shri. A. J. Shah Dr. G. R. Vesmawala	55,000	2015-16	AMD
153	Proof checking of office building and residential building for IT Department at Navsari	VMS Engineering and Design services Pvt. Ltd., ST2015-134	Dr. A. K. Desai	94,500	2015-16	AMD

Annual Report (2015-16)

154	Proof checking of diamond factory for SRK TP-3, FP-112, Katargam, Surat	Shri. Ramakrishna Exports Pvt. Ltd.,	Dr. A. K. Desai Dr. S. A. Vasanwala	126,000	2015-16	AMD
155	Proof checking of structural design and drawing of detect like surface cracks and floor settlement in warehouses 6&7 constructed at MMLP/LCD Khodiyar	RITES Ltd., Ahmedabad, ST 2015-108	Dr. G. R. Vesmawala	36,000	2015-16	AMD
156	Design and drawing for the construction of A-SMGCS, Radar Tower at SVPI Airport, Ahmedabad	Airport Authority of India, ST2015-136	Dr. C. D. Modhera Dr. Y. D. Patil	35,000	2015-16	AMD
157	Proof checking Construction of High level bridge parallel to Kota Barrage, Kota and their approach Road	Shah Associates, Ahmedabad	Rakesh kumar Shri. A. J. Shah Dr. A. K. Desai	100,000	2015-16	AMD
158	Proof checking	District Panchayat and Nagar Haveli, Silvassa	Rakesh kumar Shri. A. J. Shah Dr. A. K. Desai	76,462	2015-16	AMD
159	Proof checking	District Panchayat and Nagar Haveli, Silvassa	Rakesh kumar Shri. A. J. Shah Dr. A. K. Desai	80,790	2015-16	AMD
160	Proof checking Continuation of work: see serial no 48	VMS Engineering and Design Services Pvt Ltd	Dr. A. K. Desai	40,500	2015-16	AMD
161	Proof checking of structural design and drawing construction of Police Bhavan at Lucknow	STUP Consultants Pvt. Ltd.,	Dr. C. D. Modhera Dr. A. K. Desai Shri. A. J. Shah	135,000	2015-16	AMD
162	Proof Checking of Bhagalpur water supply project at Bhagalpur, Bihar	IMC Projects (India) Ltd.,	Dr. S. N. Desai	275,000	2015-16	AMD
163	Design and Drawing for the construction of High level bridge on Ring Road stretch (FG) at Silvassa in UT of Dadra and Nagar Haveli	Executive Engineer, PWD, Civil Div No- II, Dadra Nagar Haveli Silvassa, ST2015-137	Shri. A. J. Shah Dr. A. K. Desai Dr. Rakesh Kumar	295,722	2015-16	AMD
164	1. Bridge across creek on 18.0 m wide TP road near Pali village of Draft TP- 34, Surat 2. Bridge across creek on 24.00m wide TP road siddhi Vinayak railway near Sachin Vanz, Surat ,	Executive Engineer, SUDA, Surat, ST 2015- 106	Dr. C. D. Modhera Dr. Y. D. Patil	83,492	2015-16	AMD
165	Proof checking of office building and residential building for IT Department at Navsari	Jayashreeben C. Sopariwala	Dr. A. K. Desai Dr. S. A. Vasanwala	175,000	2015-16	AMD

Annual Report (2015-16)

166	Construction for Proof Checking of Construction of Community Hall at Mora-Village	Chetan N. Kapadia	Dr. C. D. Modhera Dr. S. A. Vasanwala	30,000	2015-16	AMD
167	Proof checking design and drawing RUB at LC- 42 @ 1R km 52/8-9 span 2X 4.5m X 4.5m, (RCC Two Cell Box)	L & T Construction, Jaipur	Dr. H. S. Patil Dr. G. R. Vesmawala Dr. Y. D. Patil	78,603	2015-16	AMD
168	Construction of Bridge on "Ghoda Nala" at outside Ukai Thermal Power Plant at Ukai	Gujarat State Electricity Corporation, ST2015-3	Dr. C. D. Modhera Dr. A. K. Desai	228,487	2015-16	AMD
169	Major Bridge and via duct of Barkakhana – Ranchi New B.G, Rail line project- via duct @ ch-152.615	S. N. Bhohe and Associates Pvt. Ltd., ST2015-142	Dr. H. S. Patil Dr. G. R. Vesmawala Dr. Y. D. Patil	61,750	2015-16	AMD
170	Type -3 and Type – 4, staff Residence (High- rise) building for income tax depth at Majuragate campus, Surat	VMS Engineering and design Services Pvt. Ltd., ST2015-143	Dr. A. K. Desai Dr. D. B. Raijiwala Dr. S. A. Vasanwala	90,000	2015-16	AMD
171	Condition Assessment by Visual Inspection and not of important RC components and suggestion for repair scheme DDK building located in Thaltej Ahmedabad	Ex. Engineer, (Civil) CCW: AIR : Vadodara	Dr. D. B. Raijiwala Dr. S. N. Desai	150,000	2015-16	AMD
172	TPI for Construction of two nos SDE building unit – IV , V1 & VI at Gandhidham	NBCC Ltd (ST 2014-96) TDS- 33,708/-)	Dr. C. D. Modhera	266,292	2015-16	AMD
173	Condition Assessment of Annexure Building (Northern), SMC, Muglisara	Surat Municipal Corporation, (ST2014-77)	Shri. A. J. Shah Dr. S. N. Desai Dr. C. D. Modhera Dr. G. R. Vesmawala	224,636	2015-16	AMD
174	Condition Assessment	Chief Officer, Notified Area Officer, GIDC Vapi	Dr. Y. D. Patil Dr. G. R. Vesmawala Dr. S. N. Desai Dr. D. B. Raijiwala Shri. A. J. Shah Dr. M. K. Desai	670,000	2015-16	AMD
175	ST2014-81 & 83	Employees State Insurance corporation, Vadodara	Shri. A. J. Shah Dr. C. D. Modhera	66,573	2015-16	AMD
176	ST2015- 18	NTPC- KAWAS, Surat	Dr. D. B. Raijiwala Dr. B. K. Vendhan Dr. S. N. Desai	10,000	2015-16	AMD
177	Condition Assessment	Sai Annand Complex	Dr. A. K. Desai	35,000	2015-16	AMD

Annual Report (2015-16)

178	Condition Assessment of school building located at Ved Road	Surat Municipal Corporation, (ST2015-16)	Shri. A. J. Shah Dr. C. D. Modhera	44,382	2015-16	AMD
179	Condition Assessment ESIC staff Quarters, Vasna colony, Ahmedabad (B-6 to B- 15)	ESIC, Ahmedabad , (ST2014-84)	Shri. A. J. Shah Dr. C. D. Modhera	145,869	2015-16	AMD
180	Condition Assessment	Capital Complex, Nirmala Corporation	Dr. A. K. Desai	30,000	2015-16	AMD
181	Rajiv Gandhi Complex	Dy. Ex. Engg, District Panchayat, Valsad R&B	Dr. D. B. Rajjiwala	45,000	2015-16	AMD
182	ESIC Hospital Building, and Dispensary building at Lal Darwaja , Surat	ESIC, Surat	Dr. Y. D. Patil Shri. A. J. Shah Dr. C. D. Modhera	70,548	2015-16	AMD
183	Condition Assessment of existing ADM building and laboratory, Government Polytechnic Athwagate, Surat	Ex. Engg, Surat (R&B), Division no 1, Surat	Dr. M. K. Desai	71,012	2015-16	AMD
184	Condition Assessment	Jeevandeep Housing Service Society	Dr. C. D. Modhera Dr. Y. D. Patil	8,772	2015-16	AMD
185	Dt-07/08/2013, Gajrawadi, (ST2014-82)	ESIC, Vadodara	Shri. A. J. Shah Dr. C. D. Modhera	15,000	2015-16	AMD
186	Condition Assessment of Major Bridge on Kaveri River at Billimora Raikhadi coastal highway road km 27/2 to 27/04	Ex. Engg Navsari, (R&B) (ST2014-19), (TDS- 8989)	Dr. M. K. Desai Dr. A. K. Desai	391,011	2015-16	AMD
187	Condition Assessment of Jawahar Navodaya Vidyalaya, Goa	Principal JNV Valpoi, North Goa	Dr. C. D. Modhera Shri. A. J. Shah	50,000	2015-16	AMD
188	Feasibility Report Umra-Pal Bridge	Shree Bhagwan Karunasagar Charitable Trust, Umra	Dr. A. K. Desai	75,000	2015-16	AMD
189	Staff Quarters (G+2), Bapunagar (18 Blocks)	ESIC, Model Hospital Bapunagar, Ahmedabad	Shri. A. J. Shah Dr. C. D. Modhera	239,528	2015-16	AMD
190	Condition Assessment	Impact Floors India Pvt. Ltd.,	Dr. A. K. Desai	10,000	2015-16	AMD
191	Stability check of first school building at Silvassa	Assistant Engineer, PWD, Silvassa	Dr. A. K. Desai	17,544	2015-16	AMD
192	Value added report for Delhigate flyover bridge	Surat Municipal Corporation (Bridge Cell) ST2015-35	Dr. A. K. Desai	155,050	2015-16	AMD
193	Condition Assessment Community Hall	Shri. Surati Modh Vanik Panch	Dr. A. K. Desai	40,000	2015-16	AMD
194	ST2013-136, Common pool & Staff Quarters at Samroli, Chikhli	Ex. Engg Navsari (R&B) Div, Navsari	Shri. A. J. Shah Dr. C. D. Modhera	39,101	2015-16	AMD

Annual Report (2015-16)

195	Condition Assessment	Lions Umra Piplod Education Soc, Surat, Shardayatan School	Dr. Y. D. Patil Shri. A. J. Shah	29,316	2015-16	AMD
196	Carrying out NDT, UPV, Core testing for bridge cable stayed bridge	Unique Construction, (ST2015-50) (TDS- 15,500.00)	Dr. G. R. Vesmawala Dr. Y. D. Patil	139,500	2015-16	AMD
197	NDT at construction of Good yard at surat, 15 to 20 points, NDT result & interpretation	Assistant Vigilance Officer (Mech), Railway- ST2015-63	Shri. A. J. Shah Dr. C. D. Modhera	20,000	2015-16	AMD
198	Condition Assessment Project Adm. Office Tribal Area, Sub Plan (TASP)	Ex. Engg (Tapi) R&B, Div-Vyara ,(TDS- 3420)	Dr. D. B. Raijiwala	26,580	2015-16	AMD
199	NDT	Tirupati Construction ,(Package-2)	Shri. A. J. Shah Dr. S. N. Desai	13,000	2015-16	AMD
200	Water Proof Checking (Slab)	Director, ESIC, Surat	Shri. A. J. Shah Dr. Y. D. Patil	10,000	2015-16	AMD
201	Medical Store water proofing, ESIC- Hospital, Majuragate, Surat	Akshay Construction	Shri. A. J. Shah Dr. Y. D. Patil	10,000	2015-16	AMD
202	Third party opinion on PSC girders which are stressed but not launched since last one year at km 74+820 VUP	Soma Enterprise Ltd, (TDS – 5000)	Dr. S. N. Desai Dr. C. D. Modhera	45,000	2015-16	AMD
203	Katargam North Zone Health Centre	Surat Municipal Corporation, (ST2015-42)	Dr. C. D. Modhera Shri. A. J. Shah Dr. Y. D. Patil	44,300	2015-16	AMD
204	Condition Assessment of Compound Wall	Nobletex Industries Ltd	Dr. A. K. Desai	43,860	2015-16	AMD
205	Navsari District Chikhli existing court building	Ex. Engg (R&B) Division, Navsari	Dr. A. K. Desai	80,000	2015-16	AMD
206	Construction of RCC precast insitu box and ancillary works related to it for the remaining work in canal,(4600m) kharwarnagar junction to simada junction	Unique Construction, ST2015-101	Dr. H. S. Patil Dr. S. N. Desai Dr. G. R. Vesamawala Dr. B. K. Vendhan	306,000	2015-16	AMD
207	Condition Assessment of old Mamlatdar office at Jambusar and Mamlatdar quarters at Jambusar	Ex. Engineer Bharuch (R&B) Div , Bharuch, (ST 2015-65 & ST2015-66), TDS- 7410/- Exp: 2920/- to K D Rao, hired vehicle TDS- 7410/- Exp: 2920/- to K D Rao, hired vehicle	Shri. A. J. Shah Dr. S. N. Desai	57,590	2015-16	AMD

Annual Report (2015-16)

208	TPI Service building works at DTPS-62, Dindoli Bhestan – Bhedwad, FP- 32, in south east zone Limbayat	Surat Municipal Corporation, SEZ, Limbayat ST2015-81 TDS 5% = 7125/-	Dr. M. K. Desai Dr. C. D. Modhera	117,635	2015-16	AMD
209	Condition Assessment cum structural strategy report for residential building at military cantonment at Hanuman camp, Gandhinagar and Chiloda sites	Dadheech Infrastructure Pvt Ltd, Ahmedabad, ST2013- 129	Shri. A. J. Shah Dr. M. K. Desai Dr. C. D. Modhera	59,085	2015-16	AMD
210	Inspection and testing of ground floor beam at Samras Hostel Building	Ex. Engineer, R&B, Div-Surat, ST2015-72	Dr. S. N. Desai Dr. A. K. Desai	20,000	2015-16	AMD
211	Hojiwala Industrial fire damage assessment of structure	Siddhapara Textiles	Dr. S. N. Desai Dr. C. D. Modhera	4,367	2015-16	AMD
212	Opinion regarding further test for strength & safety of construction 2X3 lane flyover bridge 60 mt wide, Varachha road over Savjikorat river bridge junction to Sarthana Jakatnaka junction for Surat BRTS Phase- II	Valecha Engineering Ltd	Dr. A. K. Desai Dr. G. R. Vesmawala Dr. S. N. Desai	173,000	2015-16	AMD
213	Condition Assessment (Fire damage)	Yogeshbhai L. Siddhapara, Plot C-1/2, Road no- 7, Gate no- 1, Hojiwala Industrial Estate	Dr. S. N. Desai Dr. C. D. Modhera	75,000	2015-16	AMD
214	Condition Assessment	K.P. Combines Corporation, Jalpari Apartment, Behind Ambika Niketan, Parle Point, Surat	Dr. A. K. Desai Dr. D. B. Raijiwala	25,000	2015-16	AMD
215	NDT Report of various structures MEs (Army), Vadodara	Geo Engineering Services	Dr. C. H. Solanki Dr. C. D. Modhera	25,000	2015-16	AMD
216	Condition Assessment of Building category –B unit at Mangrol, Dist Surat (Mandavi R&B)	Ex. Engg, Surat (R&B) Div, Surat	Dr. A. K. Desai	33,000	2015-16	AMD
217	Condition Assessment	Om Shivam Co-operative Housing Society Ltd	Dr. B. K. Vendhan Dr. A. K. Desai	50,000	2015-16	AMD
218	Mild Steel Tank	Recycling Solutions Pvt, Ltd.,	Dr. A. K. Desai Dr. Jyoti Menghani	155,153	2015-16	AMD
219	Condition Assessment	Managing Trustee of Vapi Masjid Sunni Jamat Gujarat State	Shri. A. J. Shah Dr. C. D. Modhera	25,000	2015-16	AMD

Annual Report (2015-16)

220	Condition Assessment of court building, Surat & Condition Assessment of Majuragate, Surat	Ex-Engg, R&B Div No-1, Surat	Dr. G. R. Vesmawala Dr. A. K. Desai Dr. S. N. Desai Shri. A. J. Shah Dr. B. K. Vendhan	177528+66 010= 243538	2015-16	AMD
221	Supervision Inspection and analysis of initial load test of Flyover Amroli junction, Man Sarovar junction – 1000 m dia & Construction widening on both side at Sardar Patel river bridge joining Athwa, Adajan (1500 m dia)	Surat Municipal Corporation, Surat, ST2015-115, ST2015-116	Dr. C. D. Modhera Dr. Y. D. Patil Dr. G. R. Vesmawala	150,840	2015-16	AMD
222	Supervision inspection and initial load test construction of widening on both side of Sardar Patel River bridge (1200 mm dia)	Surat Municipal Corporation, ST2015- 128	Dr. C. D. Modhera Dr. Y. D. Patil Dr. G. R. Vesmawala	75,420	2015-16	AMD
223	Jalpari Apartment	K.P. Combing Corporation	Dr. A. K. Desai Dr. D. B. Raijiwala	25,000	2015-16	AMD
224	Supervision inspection and initial load test construction of ROB near Udhna railway station km 262/2 , 262/6 and ST-17-18 between Udhna-Bhestan across Surat Mumbai, Surat- Bhusawal line (1000 mm dia)	Surat Municipal Corporation, ST2015-119	Dr. C. D. Modhera Dr. Y. D. Patil Dr. G. R. Vesmawala	75,420	2015-16	AMD
225	Soil Investigation, SBC report , Slope stability Analysis and Landfill design	Colour Tex Industries Pvt. Ltd.	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel	477,000	2015-16	AMD
226	Soil Investigation, soil stabilization and BBD test for road works	Executive Engineer, Tapi (R & B) Div. Vyara.	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel	427,288	2015-16	AMD
227	Soil Investigation and design of gabion wall for bridge approach	Executive Engineer, Navsari (R & B).	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel	410,230	2015-16	AMD
228	Soil Investigation, soil stabilization, SBC report and BBD test for road works	Executive Engineer, Surat	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel	587,551	2015-16	AMD
229	Soil Investigation, soil stabilization, SBC report and BBD test for road works	(R & B) Dn No.2, Surat	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel			

Annual Report (2015-16)

230	Soil Investigation and SBC report for reinforced earth wall for bridge approach	Executive Engineer, Surat	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel	453,683	2015-16	AMD
231	Soil Investigation and SBC report for reinforced earth wall for bridge approach	(R & B) Dn No.1, Surat	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel			
232	Soil Investigation, soil stabilization and BBD test for road works	Executive Engineer, Tapi (R & B) Div. Vyara.	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel	692,538	2015-16	AMD
233	Soil Investigation and SBC reports for ROB and Bridges	Executive Engineer, Valsad (R & B)	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel	526,437	2015-16	AMD
234	Soil Investigation, soil stabilization and BBD test for road works	Executive Engineer, Surat	Shri S. Patel Dr C H Solanki Dr S Kumar Shri J B Patel	400,852	2015-16	AMD
TOTAL				58,139,985		

c) Testing Details:

Sr. No.	Testing Project	Name of Organisation	Amount (Rs.)
<u>Testing (Structural Engineering)</u>			
1	Routine Testing like brick, cube, steel, tiles, Mix, Design, etc.	Organisation in surrounding area engaged in construction activities	3,756,594
<u>Testing (Geotechnical Engineering)</u>			
1	Soil Investigation	Organisation in surrounding area engaged in construction activities	6,359,890

12.2 List of Faculty Members: (2015-16)

Sr. No.	Name	Designation	Qualification
MECHANICAL ENGINEERING DEPARTMENT			
1.	Dr. S. A. Channiwala	Professor	Ph.D.
2.	Dr. H. B. Naik	Professor	Ph.D.
3.	Dr. H. K. Raval	Professor	Ph.D.
4.	Dr. H. J. Nagarsheth	Professor	Ph.D.
5.	Dr. R. Venkata Rao	Professor	Ph.D.
6.	Dr. D. P. Vakharia	Professor	Ph.D.
7.	Dr. D. V. Bhatt	Professor	Ph.D.
8.	Dr. K. P. Desai	Professor	Ph.D.
9.	Dr. A. A. Shaikh	Associate Professor	Ph.D.
10.	Dr. Jyotirmay Banerjee	Associate Professor	Ph.D.
11.	Dr. Shailendra Kumar	Associate Professor	Ph.D.
12.	Dr. T. N. Desai	Associate Professor	Ph.D.
13.	Dr. B. M. Sutaria	Associate Professor	Ph.D.
14.	Dr. A. D. Parekh	Associate Professor	Ph.D.
15.	Mr. M. B. Maisuria	Associate Professor	M.E
16.	Mr. D. B. Gohil	Associate Professor	M.E
17.	Dr. D. I. Lalwani	Associate Professor	Ph.D.
18.	Mr. A. V. Doshi	Assistant Professor	M.E
19.	Dr. R. D. Shah	Assistant Professor	Ph.D.
20.	Mr. Ajay B. Makwana	Assistant Professor	M.E
21.	Dr. Jyoti Menghani	Assistant Professor	Ph.D.
22.	Dr. Manish K. Rathod	Assistant Professor	Ph.D.
23.	Dr. Achchhelal	Assistant Professor	Ph.D.
24.	Dr. Dinesh Singh	Assistant Professor	Ph.D.
25.	Mr. Anil Kumar Mahto	Assistant Professor	M.E
26.	Dr. Hemant B. Mehta	Assistant Professor	Ph.D.
27.	Dr. Beena D. Baloni.	Assistant Professor	Ph.D.
28.	Dr. Bade M. H.	Assistant Professor	Ph.D.
29.	Dr. Purnanand V. Bhale	Assistant Professor	Ph.D.
30.	Dr. Harshit K. Dave	Assistant Professor	Ph.D.
31.	Dr. Ravi Kant	Assistant Professor	Ph.D.
32.	Mr. Vimal K. Patel	Assistant Professor	M.Tech
33.	Mr. Sandeep Soni	Assistant Professor	M.Tech
34.	Mr. Shailesh N. Pandya	Assistant Professor	M.Tech
35.	Dr. Vivek D. Kalyankar	Assistant Professor	Ph.D.
36.	Mr. Nikunj Patel	Assistant Professor	M.Tech
37.	Mr. Vikram Rathod	Assistant Professor	M.E
ELECTRICAL ENGINEERING DEPARTMENT			
38.	Dr. (Ms.) Varsha Ajit Shah	Associate Professor	Ph.D.
39.	Prof. M. N. Bhusavalwala	Associate Professor	M.E.
40.	Dr. (Ms.) Anandita Chowdhury	Associate Professor	Ph.D.
41.	Dr. Shambhu N. Sharma	Associate Professor	Ph.D.

42.	Prof. J. J. Patel	Associate Professor	M.E. MBA
43.	Dr. H. R. Jariwala	Associate Professor	Ph.D.
44.	Dr. Mahmadasraf A. Mulla	Associate Professor	Ph.D.
45.	Dr. A. K. Panchal	Associate Professor	Ph.D.
46.	Dr. R. Chudamani	Associate Professor	Ph.D.
47.	Prof. (Ms.) Manisha D. Chauhan	Associate Professor	M. Tech
48.	Dr. Pranav B. Darji	Associate Professor	Ph.D.
49.	Dr. P. Kundu	Assistant Professor	Ph.D.
50.	Dr. (Ms.) Khyati D. Mistry	Assistant Professor	Ph.D.
51.	Dr. Hiren G. Patel	Assistant Professor	Ph.D.
52.	Dr. Rakesh Maurya	Assistant Professor	Ph.D.
53.	Dr. Sabha Raj Arya	Assistant Professor	Ph.D.
54.	Dr. Vasundhara Mahajan	Assistant Professor	Ph.D.
55.	Ms. Chandani Gor	Assistant Professor	M.E., Pursuing Ph.D.
56.	Dr. Ranjit Roy	Suspended	
ELECTRONICS ENGINEERING DEPARTMENT			
57.	Dr. (Mrs.) U. D. Dalal	Associate Professor	Ph.D.
58.	Mr. A. H. Lalluwadia	Associate Professor	M. Tech
59.	Mr. P. K. Shah	Associate Professor	M. Tech, Pursuing Ph.D
60.	Mr. N. B. Kanirkar	Associate Professor	M. Tech
61.	Dr. J.N.Sarvaiya	Associate Professor	Ph.D.
62.	Dr. A. D. Darji	Assistant Professor	Ph.D.
63.	Dr. P. N. Patel	Assistant Professor	Ph.D.
64.	Mr. Z. M. Patel	Assistant Professor	M. Tech,Pursuing Ph.D.
65.	Mr. P. J. Engineer	Assistant Professor	M. E., Pursuing Ph.D.
66.	Dr. Mrs. Rasika N. Dhavse	Assistant Professor	M. Tech,Pursuing Ph.D.
67.	Dr. Abhilash Mandloi	Assistant Professor	M.Tech, Pursuing Ph.D.
68.	Dr. (Mrs.) Shilpi Gupta	Assistant Professor	Ph.D.
69.	Mr. Golak Santra	Assistant Professor	Ph.D.
70.	Dr. (Mrs.) J.N. Patel	Assistant Professor	Ph.D.
71.	Dr. (Mrs.) S.N. Shah	Assistant Professor	Ph.D.
72.	Mr. Mehul C. Patel	Assistant Professor	M. E., Pursuing Ph.D.
73.	Dr. Kishor Upla	Assistant Professor	Ph.D.
74.	Dr. V. N. Mishra	Suspended	
COMPUTER ENGINEERING DEPARTMENT			
75.	Dr. Dhiren R. Patel	Professor & Head	Ph.D.
76.	Dr. Devesh C. Jinwala	Professor	Ph.D.
77.	Dr. Mukesh A. Zaveri	Associate Professor	Ph.D.
78.	Mr. Rakesh P. Gohil	Associate Professor	M.Tech.(R)
79.	Dr. Rupa G. Mehta	Associate Professor	Ph.D.
80.	Mrs. Krupa N. Jariwala	Assistant Professor	M. Tech.(R)
81.	Dr. Dipti P. Rana	Assistant Professor	Ph.D.

82.	Dr. Udai Pratap Rao	Assistant Professor	Ph.D.
83.	Mr. Satish Raj Goyal	Assistant Professor	M. Tech.
84.	Dr. Sankita J. Patel	Assistant Professor	Ph.D.
85.	Mr. Bhavesh N. Gohil	Assistant Professor	M. Tech.
CHEMICAL ENGINEERING DEPARTMENT			
86.	Dr. Z.V.P. Murthy	Professor	Ph.D.
87.	Dr. P.A. Parikh	Professor	Ph.D.
88.	Dr. Mousumi Chakraborty	Associate Professor	Ph.D.
89.	Dr. Mausumi Mukhopadhyay	Associate Professor	Ph.D.
90.	Dr. Chetan Patel	Assistant Professor	Ph.D.
91.	Dr. V.N.Lad	Assistant Professor	Ph.D.
92.	Dr. Arvindkumar Mungray	Assistant Professor	Ph.D.
93.	Dr. Sanjaykumar Patel	Assistant Professor	Ph.D.
94.	Dr. Arun Kumar Jana	Assistant Professor	Ph.D.
95.	Dr. Meghal Desai	Assistant Professor	Ph.D.
96.	Dr. Jignasa V. Gohel	Assistant Professor	Ph.D.
97.	Dr. Alka A. Mungray	Assistant Professor	Ph.D.
98.	Dr. Smita Gupta	Assistant Professor	Ph.D.
99.	Dr. G.C.Jadeja	Assistant Professor	Ph.D.
CIVIL ENGINEERING DEPARTMENT			
100.	Dr. N. J. Mistry	Professor	Ph.D.
101.	Dr. B. K. Samtani	Professor	Ph.D.
102.	Dr. J. N. Patel	Professor	Ph.D.
103.	Dr. P. L. Patel	Professor & Head	Ph.D.
104.	Dr. J.E.M. Macwan	Associate Professor	Ph.D.
105.	Dr. S. M. Yadav	Associate Professor	Ph.D.
106.	Prof. N. N. Patel	Associate Professor	M. E.
107.	Dr. R. A. Christian	Associate Professor	Ph.D.
108.	Dr. M. Mansoor Ahammed	Associate Professor	Ph.D.
109.	Dr. G. J. Joshi	Associate Professor	Ph.D.
110.	Dr. K. A. Chauhan	Associate Professor	Ph.D.
111.	Dr. V. L. Manekar	Associate Professor	Ph.D.
112.	Dr. Rakesh Kumar	Associate Professor	Ph.D.
113.	Dr. (Mrs) A. K. Khambete	Associate Professor	Ph.D.
114.	Prof. B. J. Batliwala	Associate Professor	M. E.
115.	Dr. P. G. Agnihotri	Associate Professor	Ph.D.
116.	Dr. (Mrs.) N. D. Jariwala	Assistant Professor	Ph.D.
117.	Amit J. Solanki	Assistant Professor	M. E.
118.	Dr. Bhaven N. Tandel	Assistant Professor	Ph.D.
119.	Ganesh D. Kale	Assistant Professor	M. E.
120.	Dr. K. D. Yadav	Assistant Professor	Ph.D.
121.	Dr. Ashish Dhamaniya	Assistant Professor	Ph.D.
122.	Dr. Dilip A. Patel	Assistant Professor	Ph.D.
123.	Dr. Praful V. Timbadiya	Assistant Professor	Ph.D.
124.	Dr. Ravin M. Tailor	Assistant Professor	Ph.D.
125.	Dr. Chetan R. Patel	Assistant Professor	Ph.D.

Annual Report (2015-16)

126.	Dr. S. S. Arkatkar	Assistant Professor	Ph.D.
APPLIED PHYSICS DEPARTMENT			
127.	Dr. K. N. Pathak	Associate Professor	Ph.D.
128.	Dr. L. K. Saini	Assistant Professor	Ph.D.
129.	Dr. A. K. Rai	Assistant Professor	Ph.D.
130.	Dr. D. V. Shah	Assistant Professor	Ph.D.
131.	Dr. Vipul Kheraj	Assistant Professor	Ph.D.
132.	Dr. Y. A. Sonvane	Assistant Professor	Ph.D.
133.	Dr. D. R. Roy	Assistant Professor	Ph.D.
APPLIED MATHEMATICS AND HUMANITIES DEPARTMENT			
134.	Prof. M. N. Mehta	Professor	Ph.D.
135.	Dr. A. K. Shukla	Associate Professor	Ph.D.
136.	Dr. V. H. Pradhan	Associate Professor	Ph.D.
137.	Dr. Neeru Adlakha	Associate Professor	Ph.D.
138.	Dr. Hemantkumar P. Bulsara	Assistant Professor	Ph.D.
139.	Dr. Ramakanta Meher	Assistant Professor	Ph.D.
140.	Dr. Ranjan Kumar Jana	Assistant Professor	Ph.D.
141.	Dr. Vishnu Narayan Mishra	Assistant Professor	Ph.D.
142.	Dr. Twinkle R. Singh	Assistant Professor	Ph.D.
143.	Dr. Urvashi Kausal	Assistant Professor	Ph.D.
144.	Dr. Dhananjay Gopal	Assistant Professor	Ph.D.
145.	Dr. Sushil Kumar	Assistant Professor	Ph.D.
146.	Dr. Jayesh M. Dhodiya	Associate Professor	Ph.D.
APPLIED MECHANICS DEPARTMENT			
147.	Dr. C D Modhera	Professor	Ph.D.
148.	Dr. H S Patil	Professor	Ph.D.
149.	Dr. A K Desai	Professor	Ph.D.
150.	Dr. S A Vasanwala	Professor	Ph.D.
151.	Dr. C H Solanki	Professor	Ph.D.
152.	Dr. D B Raijiwala	Associate Professor	Ph.D.
153.	Dr. S N Desai	Associate Professor	Ph.D.
154.	Prof. A J Shah	Associate Professor	M. E.
155.	Dr. Y D Patil	Assistant Professor	Ph.D.
156.	Dr. G R Vesmwala	Assistant Professor	Ph.D.
157.	Dr. A M Parghi	Assistant Professor	Ph.D.
158.	Shri Satyajit Patel	Assistant Professor	M.E.
159.	Dr. Shailendra Kumar	Assistant Professor	Ph.D.
160.	Shri. S R Suryavanshi	Assistant Professor	M.E.
161.	Dr. M K Desai	Assistant Professor	Ph.D.
162.	Shri. J B Patel	Assistant Professor	M.Tech.
163.	Dr. (Mrs) S J Shukla	Assistant Professor	Ph.D.
164.	Dr. B. Kondraivendhan	Assistant Professor	Ph.D.
APPLIED CHEMISTRY DEPARTMENT			
165.	Dr. Smita Jauhari	Associate Professor	Ph.D.
166.	Dr. Premlata Kumar	Assistant Professor	Ph.D.
167.	Dr. Kalpana Maheria	Assistant Professor	Ph.D.

168.	Dr. Naved Malek	Assistant Professor	Ph.D.
169.	Dr. Suban Sahoo	Assistant Professor	Ph.D.
170.	Dr. Suresh Kumar	Assistant Professor	Ph.D.
171.	Dr. B.Z.Dholakiya	Assistant Professor	Ph.D.
172.	Dr. Ketan Kuperkar	Assistant Professor	Ph.D.
173.	Dr. Rajender Kumar	Assistant Professor	Ph.D.
PHYSICAL EDUCATION			
174.	Dr. N. K. Datta	Associate Professor	Ph.D.

12.3 Administrative and other Staff

LIST OF NON TEACHING STAFF AS ON 01/06/2015 to 31/07/2016

Sr. No.	Name	Designation	Deptt./ Section
1	Shri H. A. Parmar	Registrar – Suspended	
2	Prof. D. P. Vakharia	I/c. Registrar	Registrar
3	Shri M.N. Patel	Dy. Registrar (Acad)	Academic
4	Dr. S.G. Shah	Medical Officer	Dispensary
5	Shri A.C. Patel	Sr. Programmer	CCC
6	Shri Ajay Sharma	Asst. Librarian	Library
7	Shri Chirag Vaghela	SAS Officer	Phy. Edu.
8	Shri Ravinder kumar	Asst. Registrar	Deputed to MHRD
9	Shri Vigneshwara Raj A.G.	Asst. Registrar	Estate & Store

Class – III (Non Technical)

Sr. No.	Name	Designation	Deptt./ Section
1	Shri K.S. Bhavsar	Sr. Asst.	Admin
2	Mrs. S.S. Desai	Sr. Asst.	Account
3	Shri V.D. Patel	Sr. Asst.	EED
4	Shri Kamal M. Desai	Sr. Asst.	Academic
5	Shri A. P. John	Sr. Asst.	MED
6	Shri V.N. Mehta	Sr. Asst.	Account
7	Shri K.P. Solanki	Sr. Asst.	Academic
8	Mrs. M.A. Patel	Sr. Asst.	Academic
9	Mrs. R. M. Garasiya	Assistant SG-II	Academic
10	Shri C.M. Suthar	Sr. Asst.	Academic
11	Mrs. D.M. Shah	Sr. Asst.	Account
12	Mrs. M.P. Mody	Sr. Asst.	Account
13	Shri R.D. Ruparel	Sr. Asst.	Account
14	Shri R.M. Varlekar	Assistant SG-II	Account
15	Shri M.C. Vania	Sr. Asst.	Admin
16	Shri R.J. Patel	Sr. Asst.	Admin
17	Shri P.D. Bhatt	Sr. Asst.	AMD
18	Mrs. P.H. Kantharia	Sr. Asst.	ASHD

Sr. No.	Name	Designation	Deptt./ Section
19	Ms. P.K. Bhagwagar	Sr. Asst.	CHED
20	Shri K.J. Parmar	Sr. Asst.	COED
21	Shri M.L. Patel	Sr. Asst.	E & S
22	Shri V.R. Patel	Sr. Asst.	E & S
23	Mrs. S.J. Pathak	Sr. Asst.	Library
24	Shri A.V. Panchal	Sr. Asst.	Library
25	Shri V.N. Surati	Sr. Asst.	TEQIP
26	Shri N.C. Solanki	Sr. Asst.	Workshop
27	Shri Rajesh Solanki	Jr. Asst.	Account
28	Shri Dilip Rathod	Jr. Asst.	Library
29	Shri Brijesh Patel	Jr. Asst.	Academic

LIST OF TECHNICAL STAFF

Sr. No.	Name	Designation	Deptt./ Section
1	Ms. M.A. Patel	Technical Asst.	Academic
2	Shri B.D. Gamit	Technician (SG-II)	AMD
3	Shri B.S. More	Technician (SG-II)	AMD
4	Shri P.K. Shah	Sr. Technical Asst. (SG-II)	CCC
5	Shri S.C. Shoemaker	Asstt. Engr. (SG-II)	E & S
6	Shri J.J. Prajapati	Technician (SG-II)	E & S
7	Shri M.S. Rathwa	Technician (SG-II)	E & S
8	Shri V.B. Rathod	Sr. Technician	E & S
9	Shri G.S. Shah	Technical Asst.	EED
10	Shri V.G. Patel	Sr. Technician	EED
11	Shri P.P. Vankar	Sr. Technical Asst. (SG-II)	MED
12	Shri G.B. Master	Technician (SG-II)	MED
13	Shri P.R. Sivadasan	Technician (SG-II)	MED
14	Shri A.B. Bilimoria	Technical Asst.	MED
15	Shri N.D. Patel	Technician (SG-II)	Workshop
16	Shri B.D. Mistry	Technician (SG-II)	Workshop
17	Shri A.M. Mistry	Technician (SG-II)	Workshop
18	Shri M.T. Patel	Technician (SG-II)	Workshop
19	Shri G.J. Panchal	Technician (SG-II)	Workshop
20	Shri R.M. Vasava	Technician (SG-II)	Workshop
21	Shri B.P. Parmar	Technician (SG-II)	Workshop
22	Shri R.N. Chauhan	Technician (SG-II)	Workshop
23	Shri D.M. Rathod	Technician (SG-II)	Workshop
24	Shri Gaurav Mahida	Lab. Asst.	EED
25	Shri Praful Patel	Lab.Asst.	ECED
26	Shri H. B. Varlekar	Technician (SG-II)	E & S
27	Shri J. D. Chaudhary	Sr. Tech. Asst.(SG-II)	E & S
28	Shri M. B. Patel	Technician (SG-II)	E & S

CLASS – IV

Sr. No.	Name	Designation	Deptt./ Section
1	Shri H.D. Umarvanshi	Hamal	Account
2	Shri K.D. Gamit	Hamal	Admn
3	Shri N.J. Patel	Hamal	Admn
4	Shri S.Z. Patel	Hamal	AMD
5	Shri A.R. Kothari	Hamal	AMD
6	Shri M.A. Patel	Hamal	APD
7	Shri A.H. Chavda	Hamal	ACD
8	Shri Jayram Behra	Hamal	CHED
9	Shri B.J. Vasava	Hamal	DISPENSARY
10	Shri J.G. Umrigar	Pump Attdt.	E & S
11	Shri M.G. Azam	Watchman	E & S
12	Shri P.K. Solanki	Sweeper	E & S
13	Shri V.L. Baria	Mali	E & S
14	Shri G.S. Patel	Valveman	E & S
15	Shri S.H. Bhagat	Hamal	E & S
16	Shri M.M. Kokani	Hamal	ECED
17	Shri A.R. Prajapati	Hamal	ECED
18	Shri G.G. Rathod	Hamal	EED
19	Shri J.B. Chaudhary	Hamal	EED
20	Shri K.P. Surati	Hamal	LIB
21	Shri P.B. Patel	Hamal	LIBRARY
22	Mrs. C.R. Parmar	Hamal	Library
23	Shri S.R. Jadav	Hamal	MED
24	Shri Ankur Arthania	Hamal	MED
25	Shri B.K. Patel	Hamal	WORKSHOP
26	Shri K.D. Surati	Hamal	Workshop
27	Shri H.N. Patel	Hamal	Workshop
28	Shri D. B. Naika	Hamal	E & S
29	Shri V. M. Kanurkar	M/c. Attd. (GR-II)	CED

12.4 Staff members deputed / sponsored for training / learning

- (i) List of Staff member deputed for participation in training programme (other than TEQIP)

APPLIED MATHEMATICS AND HUMANITIES DEPARTMENT			
Sr.No.	Name & Designation	Period	Place
1	Dr. R. K. Jana., Asst. Prof.	May 23-25, 2016	SVNIT, Surat

CHEMICAL ENGINEERING DEPARTMENT			
Sr.No.	Name & Designation	Period	Place
1	Dr. P.A. Parikh, Professor	30th April to 2nd May 2015	Dahej
2	Dr. P.A. Parikh, Professor	October 12 – 16, 2015	Baroda
3	Dr. P.A. Parikh, Professor	December 7 – 18, 2015	Kharagpur
4	Dr. P.A. Parikh, Professor	March 9 – 10, 2016	Bharuch

ELECTRONICS ENGINEERING DEPARTMENT			
Sr.No.	Name & Designation	Period	Place
1	Dr. Mrs. Rasika N. Dhavse, Assistant Professor	26-30 October, 2015	IIT Kanpur

- (ii) List for faculty members deputed for summer /winter schools/ short terms courses during the year:(other than TEQIP)

APPLIED MATHEMATICS AND HUMANITIES DEPARTMENT				
No.	Name of Faculty Member	Name of the Training Programme	Organizing Institute	Duration
1	Dr. R. K. Jana	One Week Short Term Training Programme On “Computational Techniques For Differential Equations (CTDE 2016)”	SVNIT, Surat	May 2-6, 2016
2	Dr. R. K. Jana	Faculty Development Programme On Outcome Based Teaching-Learning	SVNIT, Surat	June 3-5, 2016
3	Dr. R. K. Jana	One Week Short Term Training Programme On “Mathematical Modeling, Optimization, Fractional Calculus And Their Computations In Engineering And Sciences (MMOFCCES - 2016)”	SVNIT, Surat	June 21-25, 2016

APPLIED CHEMISTRY DEPARTMENT				
No.	Name of Faculty Member	Name of the Training Programme	Organizing Institute	Duration
1	Dr. Kalpana Maheria	National School on NMR Spectroscopy	Deptt. of Chemistry, Faculty of Science, MSU, Vadodara, Gujarat	18 th – 23 rd Sept. 2015

Annual Report (2015-16)

2	Dr. Kalpana Maheria	One day state level symposium on Research, writing, publication & analysis	Shree Ramkrishna Institute of Computer Education & Applied Sciences, Surat, Gujarat.	3 rd October 2015
3	Dr. Kalpana Maheria	Laboratory safety training	University of Saskatchewan, Canada	1 st June 2016

ELECTRICAL ENGINEERING DEPARTMENT				
No.	Name of Faculty Member	Name of the Training Programme	Organizing Institute	Duration
1	Dr. R. Chudamani	Digital Signal Processor controlled Power Electronic converters & drives	NIT, Warangal	28-09-2015 to 30-09-2015
2	Dr. Varsha Shah	Digital Signal Processor controlled Power Electronic converters & drives	NIT, Warangal	28-09-2015 to 30-09-2015

ELECTRONICS ENGINEERING DEPARTMENT				
No.	Name of Faculty Member	Name of the Training Programme	Organizing Institute	Duration
1	Mr. P. J. Engineer	IEEE Authorship Workshop	Don Bosco institute of technology, Kurla	18 August, 2015
2	Dr. J.N.Sarvaiya	Workshop On “ Latest Trends In Administration”	GOA	21-23 September, 2015
3	Dr. (Mrs.) J.N. Patel, Dr. (Mrs.) S.N.Shah Dr. Kishor Upla	Two Days National Seminar , "New Trends In Signal Processing (Netsip-2015)"	IEEE Gujarat section, IEEE signal processing society	3-4 October 2015
4	Dr.(Mrs.) S.Gupta	STTP on ‘Optical Fiber to Fiber Lasers’	RRCAT, Indore	30 Nov - 1 Dec, 2015
5	Dr.(Mrs.) S.Gupta	Workshop on ‘Emerging Areas in Photonics and Future Applications’(IWPF-2015)	CGCRI, Kolkata	7-12 Decmber, 2015

Annual Report (2015-16)

6	Dr. J.N.Sarvaiya	Information Theory And Channel Capacity" At Bharti School Of Telecom Technology And Management	IIT Delhi	14-19 December, 2015
7	Dr.(Mrs.) J.N. Patel Dr.(Mrs.) S.N. Shah Dr.(Mrs.) S.Gupta	Coding Theory And Advanced Information Theory At Bharti School Of Telecom Technology And	IIT Delhi	21-24 December, 2015
8	Dr. Mrs. Rasika N. Dhavse	STTP on 'Modeling, Simulation and Characterization of Nano-Transistors'	IIT Kanpur	26-30 October 2015
9	Dr. A.D Darji	Workshop on ' Outcome Based Education (OBE)'	SVNIT , Surat	24 April, 2016
10	Mr. P. J. Engineer	Workshop on 'Bombay Information Technology Seminar (BITS-2016)'	IIT Bombay & TIFR, Mumbai	1-3 January, 2016
11	Dr. K. P. Upla	International Workshop on Remote Sensing Image Analysis	IIT Bombay	16-18 th April, 2016

CHEMICAL ENGINEERING DEPARTMENT

No.	Name of Faculty Member	Name of the Training Programme	Organizing Institute	Duration
1	Dr. V. N. Lad	Design of Experiment and Artificial Neural Network	S.V. National Institute of Technology, Surat.	June 22-26, 2015
2	Dr. V. N. Lad	Tribology and its Industrial Applications	S.V. National Institute of Technology, Surat.	July 06-10, 2015
3	Dr. Jignasa V. Gohel	Recent trends in Chemical Engineering	S.V. National Institute of Technology, Surat.	July 11 – 15, 2016
4	Dr. Jignasa V. Gohel	Solar photovoltaic energy: contemporary technologies and recent advances.	S.V. National Institute of Technology, Surat.	October 8 – 12, 2016

COMPUTER ENGINEERING DEPARTMENT				
No.	Name of Faculty Member	Name of the Training Programme	Organizing Institute	Duration
1	Dr. Mukesh A. Zaveri	Short Term Course on Information Theory and Channel Capacity	Bharti School of Telecommunication Technology and Management, Indian Institute of Technology, Delhi	14-19, December 2015
2	Dr. Udai Pratap Rao	Three days Intensive Hindi Training Workshop	SVNIT Surat	May 23-25, 2016