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1.0 INTRODUCTION

1.1 Our Vision

To be one of the leading Technical Institutes disseminating globally acceptable education, effective industrial training and relevant research output.

1.2 Our Mission

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. levels.
- 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 Good Practices being followed by SVNIT

- 1) The Institute provides flexibility to the students for getting an exposure at Institutes of repute such as IITs.
- 2) Early induction to the Ph.D. program for the top meritorious students from the M.Tech.I – admitted directly to Ph.D. 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 filling / obtaining of patents and sharing revenue for probable revenue generation.
- 8) Encouraging students for research activities / training and 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 Introduction

Sardar Vallabhbhai National Institute of Technology, Surat was established in 1961 as one of the RECs for imparting technical education in Civil, Mechanical and Electrical Engineering. In the year 1983-84, an Under Graduate programme in Electronics Engineering was introduced and in the year 1988-89 two UG programmes in Computer Engineering and Production Engineering were started. In the year 1995-96, an UG programme in Chemical Engineering was introduced. The Government of India 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, Nineteenth PG Programmes and Three M.Sc. Five Years Integrated programmes including doctoral programme in all above branches.

Discipline Details

Sr. No.	Department Name	Level	Year of Inception	No. of Sub streams	Sub stream Name	Level	Year of Sub stream Inception
1	Civil Engineering	UG	1961	07	Environmental Engineering	PG	1973
					Urban Planning	PG	1973
					Soil Mechanics & Foundation Engg.	PG	1973
					Structural Engineering	PG	1974
					Water Resource Engineering	PG	1987
					Transportation Engineering & Planning	PG	2007
					Construction Technology & Management	PG	2020
2	Mechanical Engineering	UG	1961	05	Turbo Machines	PG	1983
					Mechanical Engineering	PG	1974
					Manufacturing Engg. / IPED (2013)	PG	2013
					Thermal System Design	PG	2007
					CAD / CAM	PG	2007
3	Electrical Engineering	UG	1961	03	Power Electronics & Electrical Drives	PG	2006
					Power System	PG	2012
					Instrumentation & Control	PG	2020
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 Physics	M.Sc.	2007	--			
8	Applied Chemistry	M.Sc.	2007	--			
9	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 Boys' Hostel and One Girls' Hostel accommodating about 4071 students. The number of girl student's is increasing year by year. The Institute has at present 150 staff quarters and 80 new flats have been built and occupied by faculty. The institute campus is 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

SVNIT Surat is an autonomous institution under the Ministry of Education of the Government of India. As per MoA, the Insitute is headed by a Director and administered by a Board of Governors. It also has Finance Committee and Buiding & Works Committee. In the Board, there are representatives from the Government of India, the Government of Gujarat, Industries, other institutions and the faculty.

The Govt. of India, Ministry of Education (Deptt. of Secondary and Higher Education) has constituted an NIT Council to coordinate the activities of all NITs. The Hon'ble Minister, Ministry of Education, Govt. of India is the 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 & Works committee are other statutory Committees of the Institute.

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

3.0 ACADEMIC PROGRAMMES

3.1 Undergraduate Programmes:

Four years, minimum 8 semesters, B.Tech. Programme in the following branches of Engineering and Technology, is offered:

- (1) Civil Engineering
- (2) Chemical Engineering
- (3) Computer Science & Engineering
- (4) Electrical Engineering
- (5) Electronics & Communication Engineering
- (6) Mechanical Engineering

The Five Years Integrated M. Sc. Programmes are offered in the disciplines of

- (1) Chemistry
- (2) Physics
- (3) Mathematics

3.2 Post Graduate Programmes :

Full Time Master of Technology (M.Tech.) programmes of minimum two years, four semester duration are offered in the following departments:

(1)	Civil Engineering	(a) Environmental Engineering (b) Water Resource Engineering (c) Urban Planning (d) Transportation Engineering & Planning (e) Construction Technology & Management (f) Soil Mechanics & Foundation Engineering (g) Structural Engineering
(2)	Chemical Engineering	(a) Chemical Engineering
(4)	Computer Engineering	(a) Computer Engineering
(5)	Electrical Engineering	(a) Power Electronics & Electrical Drives (b) Power Systems (c) Instrumentation and Control
(6)	Electronics Engineering	(a) Communication System (b) VLSI & Embedded System
(7)	Mechanical Engineering	(a) CAD/CAM (b) Mechanical Engineering (c) Manufacturing Engineering (d) Thermal System Design (e) Turbo Machines

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

- (1) Civil Engineering
- (2) Mechanical Engineering
- (3) Electronics Engineering
- (4) Chemical Engineering
- (5) Computer Engineering
- (6) Electrical Engineering

3.3 Doctoral Programmes

Full Time Doctorate programmes are offered in the following academic Departments:

- (1) Department of Chemistry
- (2) Department of Mathematics & Humanities
- (3) Department of Physics
- (4) Department of Chemical Engineering
- (5) Department of Civil Engineering
- (6) Department of Computer Science Engineering
- (7) Department of Electrical Engineering
- (8) Department of Electronics Engineering
- (9) Department of Mechanical Engineering

3.4 Curriculum Development

(1) Introduction of early programs for students:

Meritorious students of our Institute from Department of Civil Engineering have an opportunity to take early Induction into M Tech – PhD programme at Indian Institute of Technology, Bombay (IITB) in the last year of B.Tech. programme. Interaction with different faculties from IITB is providing new dimension of the knowledge to the students with diversification during their UG programme. The list of those students successfully enrolled for theses programme at Indian Institute of Technology, Bombay presently are:

- (1) Jatin Kumar Meena
- (2) Ritik Dhalwani

(2) Comprehensive examinations of the research scholars:

A well devised mechanism, known as Comprehensive examinations is introduced for the research scholars to test the fundamental knowledge of the Ph.D. scholars in their proposed research area after essential credit courses. The scholars have to score minimum 60% in each of theory and viva-voce separately. This mechanism is beneficial in quality of doctoral research.

(3) B.Tech. Honors and Minor Degrees:

SVNIT has implemented B.Tech. Minor in the Academic Year 2020-21. It would help more interaction among the students, interdisciplinary researches and better employability opportunity in the industry too. Academic section had received a large number of responses in this regard. There are currently 96 students who opted for B. Tech (Minor) with great zeal and enthusiasm. This also provides additional opportunity of acquiring minimum credits of 15 enables to lead the B. Tech minor degree.

B.Tech. Honors will be implemented in the next year for students enrolled in Academic Year 2020-21 i.e in 3rd and 4th year of the course and have to earn minimum 15 additional credits from B.Tech. course. More global electives & departmental electives have been approved by IAAC through DAAC and finally approved by senate to provide electives for implementing B.Tech (honors) in wider aspects.

3.5 Admission Procedures:

Under Graduate Courses and Five Years Integrated M. Sc. Programmes:

Admissions into the B.Tech. Programmes and Integrated M.Sc. are made on the basis of All India Rank of Joint Entrance Exam (Main) conducted by National Testing Agency, New Delhi for Indian Nationals. NRIs students are admitted through DASA Scheme. In addition to them, foreign students are admitted as per ICCR recommendations. The rules and regulations for admission change are reviewed from time to time. Reservation of seats during admission is as per GOI norms.

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 NTA, New Delhi.

Five Year Integrated M. Sc. Programmes : (Academic Year 2020-21)

Branch	Year	Semester	Boys	Girls	Total
Physics	I	First	62	02	64
	II	Third	43	08	51
	III	Fifth	37	09	46
	IV	Seventh	19	11	30
	V	Ninth	06	04	10
Total			167	34	201
Chemistry	I	First	59	10	69
	II	Third	53	07	60
	III	Fifth	41	10	51
	IV	Seventh	32	09	41
	V	Ninth	16	04	20
Total			201	40	241
Mathematics	I	First	52	10	62
	II	Third	46	09	55
	III	Fifth	40	13	53
	IV	Seventh	34	13	47
	V	Ninth	12	06	18
Total			184	51	235
Grand Total...			552	125	677

P.G. Programmes (Academic Year 2020-21)

Branch	Year	Boys	Girls	Total
Chemical Engineering				
First Semester	I	09	02	11
Third Semester	II	05	02	07
Construction Technology and Management				
First Semester	I	23	01	24
Third Semester	II	00	00	00
Environmental Engineering				
First Semester	I	16	06	22
Third Semester	II	15	06	21
Transportation Engineering & Planning				
First Semester	I	22	04	26
Third Semester	II	15	05	20
Urban Planning				
First Semester	I	13	09	22
Third Semester	II	09	11	20
Water Resources Engineering				
First Semester	I	17	08	25
Third Semester	II	13	08	21
Soil Mech. & Foundation Engg.				
First Semester	I	16	08	24
Third Semester	II	14	05	19
Structural Engineering				
First Semester	I	23	03	26
Third Semester	II	16	02	18
Computer Engineering				
First Semester	I	12	11	23
Third Semester	II	11	04	15
Instrumentation and Control				
First Semester	I	18	05	23
Third Semester	II	00	00	00
Power Electronics & Electrical Drives				
First Semester	I	25	00	25
Third Semester	II	18	03	21
Power Systems				
First Semester	I	20	04	24
Third Semester	II	16	03	19
Communication Systems				
First Semester	I	14	08	22
Third Semester	II	11	06	17
VLSI & Embedded Systems				
First Semester	I	21	02	23
Third Semester	II	16	05	21
CAD-CAM				
First Semester	I	25	00	25
Third Semester	II	17	01	18
Manufacturing Engineering				
First Semester	I	23	00	23
Third Semester	II	16	02	18
Mechanical Engineering				
First Semester	I	24	00	24
Third Semester	II	19	00	19
Thermal System Design				
First Semester	I	23	02	25
Third Semester	II	19	01	20
Turbo Machines				
First Semester	I	19	02	21
Third Semester	II	16	02	18
Total of First Sem		363	75	438
Total of Third Sem		246	66	312
Total of First & Third Sem		609	141	750

M.Tech. (Research) (Academic Year 2020-21)

Departments	Admission Year	Boys	Girls	Total
Civil Engineering	2020-21	01	00	01
Total		01	00	01
Grand Total		01	00	01

Ph.D. Programmes (Academic Year 2020-21) (Engg.) : (A)

Departments	Admission Year	Boys	Girls	Total
Mechanical Engineering	2011-12	00	00	00
	2012-13	01	00	01
	2013-14	03	00	03
	2014-15	07	01	08
	2015-16	08	01	09
	2016-17	14	01	15
	2017-18	20	00	20
	2018-19	28	01	29
	2019-20	19	00	19
	2020-21	24	00	24
	Total	124	04	128
Civil Engineering	2012-13	00	00	00
	2013-14	02	04	06
	2014-15	03	03	06
	2015-16	09	04	13
	2016-17	15	02	17
	2017-18	14	06	20
	2018-19	14	07	21
	2019-20	22	16	38
	2020-21	47	13	60
	Total	126	55	181
Applied Mechanics (Presently merged with Civil Engineering Department)	2010-11	00	00	00
	2011-12	00	00	00
	2012-13	00	00	00
	2013-14	03	00	03
	2014-15	06	05	11
	2015-16	05	02	07
	2016-17	14	03	17
	2017-18	23	05	28
	2018-19	16	00	16
	2019-20	10	01	11
	Total	77	16	93
Chemical Engineering	2011-12	00	00	00
	2012-13	00	00	00
	2013-14	00	00	00
	2014-15	03	00	03

Departments	Admission Year	Boys	Girls	Total
	2015-16	03	00	03
	2016-17	06	00	06
	2017-18	06	04	10
	2018-19	10	02	12
	2019-20	04	03	07
	2020-21	04	00	04
	Total	36	09	45
Electronics & Communication Engineering	2010-11	00	01	01
	2011-12	00	00	00
	2012-13	00	00	00
	2013-14	00	01	01
	2014-15	05	04	09
	2015-16	02	01	03
	2016-17	06	04	10
	2017-18	09	05	14
	2018-19	04	01	05
	2019-20	06	01	07
	2020-21	11	11	22
	Total	43	29	72
Electrical Engineering	2012-13	00	00	00
	2013-14	03	00	03
	2014-15	07	01	08
	2015-16	00	04	04
	2016-17	06	04	10
	2017-18	08	05	13
	2018-19	08	07	15
	2019-20	12	07	19
	2020-21	22	04	26
	Total	66	32	98
Computer Engineering	2009-10	00	01	01
	2010-11	00	00	00
	2011-12	00	00	00
	2012-13	00	00	00
	2013-14	00	00	00
	2014-15	01	00	01
	2015-16	05	04	09
	2016-17	02	00	02
	2017-18	02	06	08
	2018-19	06	03	09
	2019-20	07	01	08
	2020-21	03	05	08
	Total	26	20	46
Total of Engg. (A)		498	165	663

Ph.D. Programmes (Academic Year 2020-21) (Science) : (B)

Departments	Admission Year	Boys	Girls	Total
Applied Chemistry	2013-14	00	00	00
	2014-15	01	00	01
	2015-16	02	01	03
	2016-17	00	00	00
	2017-18	06	02	08
	2018-19	03	07	10
	2019-20	07	08	15
	2020-21	18	14	32
	Total	37	32	69
Applied Mathematics	2013-14	00	00	00
	2014-15	02	01	03
	2015-16	01	02	03
	2016-17	04	00	04
	2017-18	03	02	05
	2018-19	04	04	08
	2019-20	15	06	21
	2020-21	07	05	12
	Total	36	20	56
Applied Physics	2011-12	00	00	00
	2014-15	02	00	02
	2015-16	02	01	03
	2016-17	01	00	01
	2017-18	07	02	09
	2018-19	07	04	11
	2019-20	02	05	07
	2020-21	12	09	21
	Total	33	21	54
Management	2016-17	00	01	01
	2019-20	01	00	01
	2020-21	03	02	05
	Total	04	03	07
English	2014-15	00	00	00
	2017-18	01	00	01
	2018-19	01	00	01
	2019-20	01	01	02
	2020-21	02	01	03
	Total	05	02	07
Total of Science (B)		115	78	193
Grand Total (A)+(B)		613	243	856

3.7 Examinations & Evaluation:

Undergraduate Courses – Bachelor of Technology (Examination April/May 2020)

Discipline	Total No. appeared	Total No. passed	Above 7.5 CGPA	7.5-6.0 CGPA	Below 6.0 CGPA	Topper	CGPA
Chemical	90	88	61	23	04	Darshil D Tailor	9.74
Civil	79	78	51	23	04	Sharma Aditya Mukeshbhai	9.69
Computer	113	113	64	37	12	Moradiya Dixit Bhimjibhai	9.60
Electrical	79	79	40	35	04	Mohd Shadab	9.57
Electronics & Comm.	131	131	77	43	11	Vemulapalli Pavan Sai Ganesh	9.38
Mechanical	231	231	169	42	20	Thummar Maulik Kamlesh	9.76
Total...	724	720	462	203	55		

Five Years Integrated M.Sc. Courses (Examination April/May 2020)

Discipline	Total No. appeared	Total No. passed	Above 7.5 CGPA	7.5-6.0 CGPA	Below 6.0 CGPA	Topper	CGPA
Chemistry	31	31	23	07	01	Aditi Rathore	9.80
Physics	42	42	30	11	01	Naman Agarwal	9.64
Mathematics	38	38	20	17	01	Deshmukh Aniruddha V	9.67
Total...	111	111	73	35	03		

Post Graduate Courses – Master of Technology (M.Tech.) Courses (Examination April/May 2020)

Departments	No. of students passed
Chemical Engineering	12
Civil Engineering	91
Computer Engineering	13
Electrical Engineering	28
Electronic Engineering	34
Mechanical Engineering	83
Total...	259

M.Tech. (Research) (Examination April/May 2020)

Departments	No of students passed
Civil Engineering	01
Total...	01

Doctorate Courses – Ph.D. Courses (2020-21)

Department	No. of students
Chemical Engineering	06
Civil Engineering	30
Computer Engineering	03
Electrical Engineering	07
Electronics Engineering	06
Mechanical Engineering	16
Chemistry	10
Mathematics	03
Physics	05
English	01
Management	00
Total...	87

3.7.1 Online Feedback System for Courses:

Student's feedback is an important aspect for the growth of a teacher. In this connection, feedbacks are collected online from students two times in every semester: once before mid-semester examination and once before end semester, compulsorily. The concerned faculty and the HoD have the right to view his/her feedback for improvement in teaching.

3.7.2. Online Classes & Examinations during COVID-19:

On account of COVID-19, detailed procedure for the mode of teaching, laboratory demonstration and examination were approved in the 50th meeting of Senate held on May 19, 2021. The classes were conducted in the online mode using Google Link and MS Teams platforms. End semester examinations and the internal quizzes were also conducted in online mode. The question paper was framed with the multiple answers, short answer, answer via filling blank spaces or combination.

3.8 Internal Academic Audit:

To check the quality of our PG and UG Students, the Academic Audit is conducted. The extensive Academic Audit of all academic Programmes (UG and PG) in all Engineering and Science of the institute are carried out periodically. Experts from reputed Institutes are invited in this regard. The activity includes interactions with alumni, students, faculty members, research scholars and constructive suggestion are aimed to improve the quality education in terms of curriculum, teaching learning, evaluation and laboratory infrastructure. The committee examines the relevance of area of research, methodology, publication and Doctoral evaluation system. Based on the suggestion of the experts, that is implemented.

3.9 Collaborations with industry and R&D Centers

SVNIT Surat has taken a lead role in providing state of art technical knowledge to students and its stake holders. Liaison is established with reputed industries and R&D Centers by signing MoUs. The details are given below.

Sr. No	MoUs Signed With	Objective / Purpose of MoU
1	Elena Geo Systems Pvt Ltd, Bangalore-560032	Recognizing the importance of research and development in the areas of navic based monitoring, as well as imparting industrial training to the engineering/technology/sciences students, etc.
2	Australia India Water Centre	To establish an understanding of mutual co-operation for the australia india water centre (aiwc) between parties. The AIWC will enable Australian Indian partner to explore opportunities and create synergy for longer term collaboration in research and education between the two counties.
3	Research for Resurgence Foundation, Nagpur	To work together for mutual collaboration to strengthen in research and facilities
4	National Highways Authority of India (Nhai)	To work together with mutual co-operation for dissemination of respective expertise in civil/highway engineering filed through the road infrastructure development.
5	Gujrat Council on Science and Technology, Gandhinagar	To carry out research work on "graphene-based nanomaterials in property enhancement of cement composites and concrete"
6	Pollucon Laboratories Pvt Ltd, Surat	Sharing of equipments/facility and manpower, analysis and collection of samples, audit work, 50% fee for consultation, joint inspection, audit work.
7	Southern Gujarat Chamber of Commerce and Industries, Surat-395001	To encourage interaction between the Engineers, Scientists, Research Fellows, Faculty Members, Start Ups, Start Up Enthusiasts and Students of both organizations

3.10 Collaboration with National/ International Universities and Industries

MoUs signed between National and International Universities has provided a platform for student and technology exchange. The details are given below.

Sr No	MoUs Signed With	Objective / Purpose of MoU
1	Sarvajanik College of Engineering & Technology, Surat	To enhance within the country the availability of highly qualified manpower In the areas of engineering.
2	National Institute of Technology, Manipur	To promote interests in research, teaching, training & consultancy related activities and to deepen the understanding of the scientific, technological and management issues relevant to the respective institutes.

3.11 Annual Convocation

The 18th Convocation of Sardar Vallabhbhai National Institute of Technology, Surat was held on 18th December, 2020 at Convention Hall of SVNIT Guest House through virtual mode. Dr. Ramesh Pokhriyal Nishank, Hon'ble Minister of Education, Ministry of Education, Government of India was the Chief Guest on this occasion and Shri Y.S. Trivedi, Former Vice President and Advisor to CEO and MD, Heavy Engineering Division, L&T, Hazira was Guest of Honour on this occasion.

During this convocation, total 1180 degrees were awarded, which includes 87 PhD, 1 M.Tech. (Research), 261 M.Tech., 720 B.Tech. and 111 Five Years (Integrated) M.Sc. Degrees of various departments. In addition, the meritorious students of Academic year 2019-2020 were awarded 33 Gold medals, 01 Silver medal and several other prizes on this occasion.

4.0 PARTICULARS OF ACADEMIC & ADMINISTRATIVE STAFF:

4.1 Faculty Strength as on 30.06.2021

The Institute has 296 sanctioned posts of faculty members. The faculty recruitment process was conducted during March-April 2021 and 01 Professor and 36 new faculty members at the level of Assistant Professor had joined. The total number of faculty members during 2020-21 was 235 (Including Director). Another faculty recruitment advertisement was issued in May 2021 to fill up 79 posts of Assistant Professor. The interviews were conducted in August 2021 and the recruitment process is expected to be completed after the joining of new Director.

4.2 Academic Staff (Teaching)

The department-wise list of faculty members with their designations during 2020-2021 is as given below.

List of Academic Staff as on 30/06/2021 (Arranged Cadre-wise alphabetically)

Sr. No.	Name	Designation
01	Dr. Shailesh R. Gandhi	Director
Department of Chemical Engineering		
02	Dr. Parimal Amratlal Parikh	Professor (HAG)
03	Dr. Z. V. P. Murthy	Professor (HAG)
04	Dr. Jigishaben Kamal Parikh	Professor
05	Dr. Mausumi Mukhopadhyay	Professor
06	Dr. Mousami Chakraborty	Professor
07	Dr. Alka Arvindkumar Mungray	Associate Professor
08	Dr. Arunkumar Jana	Associate Professor
09	Dr. Arvindkumar Mungray	Associate Professor
10	Dr. Chetankumar Manharbhai Patel	Associate Professor
11	Dr. JignasaVimal Gohel	Associate Professor
12	Dr. Meghal Ashwinkumar Desai	Associate Professor
13	Dr. Sanjaykumar Rameshbhai Patel	Associate Professor
14	Dr. Virangkumar Nanubhai Lad	Associate Professor
15	Dr. Girirajsinh Chandrasinh Jadeja	Assistant Professor
16	Dr. Smita Gupta	Assistant Professor
17	Dr. Sundar S.K.	Assistant Professor Grade-II
18	Dr. Jogender Singh	Assistant Professor Grade-II
19	Dr. Sarita Kalla	Assistant Professor Grade-II
20	Dr. Vineet Kumar Rathore	Assistant Professor Grade-II
Department of Chemistry		
21	Dr. Smita Manish Jauhari	Professor
22	Dr. Bharatkumar Zaverbhai Dholakiya	Associate Professor
23	Dr. Kalpana Chaturbhai Maheria	Associate Professor
24	Dr. Navedanjum Ibrahim Malek	Associate Professor
25	Dr. Premlata Kumari	Associate Professor
26	Dr. Suban Kumar Sahoo	Associate Professor
27	Dr. Suresh Kumar Kailasa	Associate Professor
28	Dr. Ketan Chandubhai Kuperkar	Assistant Professor
29	Dr. Rajendrakumar	Assistant Professor
30	Dr. Areti Sivaiah*	Assistant Professor Grade-II
31	Dr. Arup Kumar Ghosh*	Assistant Professor Grade-II
32	Dr. LataRana*	Assistant Professor Grade-II
33	Dr. Ritambhara Jangir	Assistant Professor Grade-II
34	Dr. Subrata Dutta*	Assistant Professor Grade-II

Sr. No.	Name	Designation
35	Dr. Togati Naveen	Assistant Professor Grade-II
Department of Civil Engineering		
36	Dr. Chetankumar Devjibhai Modhera	Professor (HAG)
37	Dr. Jayantilal Naginbhai Patel	Professor (HAG)
38	Dr. Premilal Patel	Professor (HAG) & Dy. Director
39	Dr. Atulbhai Kantilal Desai	Professor
40	Dr. Chandresh Himmatlal Solanki	Professor
41	Dr. Gaurang Jayantilal Joshi	Professor
42	Dr. Krupeshbhai Ambubhai Chauhan	Professor
43	Dr. Moideen Mansoor Ahammed	Professor
44	Dr. Prashitbhai Girishbhai Agnihotri	Professor
45	Dr. Rakesh Kumar	Professor
46	Dr. Robin Alfred Christian	Professor
47	Dr. Sandip Arvindlal Vasanwala	Professor
48	Dr. Sanjaykumar Madhusudan Yadav	Professor
49	Dr. Vivek Laxmikant Manekar	Professor
50	Dr. Ashish Dhamaniya	Associate Professor
51	Shri Ashokkumar J Shah	Associate Professor
52	Dr. Dilipkumar Arvindkumar Patel	Associate Professor
53	Dr. Gaurang Rajendra Vesmawala	Associate Professor
54	Dr. Kunwar Durg Vijay Singh Yadav	Associate Professor
55	Dr. Prafulkumar Vasharambhai Timbadiya	Associate Professor
56	Dr. Satyajit Nabinchandra Patel	Associate Professor
57	Dr. Shivanand Rohidas Suryawanshi	Associate Professor
58	Dr. Shrinivas Shrikant Arkatkar	Associate Professor
59	Dr. Yogesh Deoram Patil	Associate Professor
60	Shri Narendrakumar Natvarlal Patel	Associate Professor
61	Dr. Anantray Meramanbhai Parghi	Assistant Professor
62	Dr. Balakrishnan Kondraivendhan	Assistant Professor
63	Dr. Bhaven Nirmalbhai Tandel	Assistant Professor
64	Dr. Chetankumar Ramanlal Patel	Assistant Professor
65	Dr. Ganesh Dattatrayao Kale	Assistant Professor
66	Dr. Jignesh Balubhai Patel	Assistant Professor
67	Dr. Namrata D. Jariwala	Assistant Professor
68	Dr. Ravin Maheshkumar Tailor	Assistant Professor
69	Dr. Shailendra Kumar	Assistant Professor
70	Dr. Shruti Jay Shukla	Assistant Professor
71	Shri Amitkumar Jayeshkumar Solanki	Assistant Professor
72	Dr. Ankesh Kumar	Assistant Professor Grade-II
73	Dr. Bandita Barman	Assistant Professor Grade-II
74	Dr. Jitesh Tribhuvandas Chavda	Assistant Professor Grade-II
75	Dr. Kashyapkumar Arvindbhai Patel	Assistant Professor Grade-II
76	Dr. Smaranika Panda*	Assistant Professor Grade-II
77	Dr. Tamizharasi G.	Assistant Professor Grade-II
78	Dr. Vishisht Bhैया	Assistant Professor Grade-II
Department of Computer Science & Engineering		
79	Dr. Deveshkumar Chhabildas Jinwala	Professor (HAG)
80	Dr. Dhiren R. Patel	Professor
81	Dr. Mukesh Ajitkumar Zaveri	Professor
82	Dr. Rupa Gautam Mehta	Associate Professor
83	Shri Rakeshbhai Pragjibhai Gohil	Associate Professor
84	Dr. Bhavesh Navinchandra Gohil	Assistant Professor
85	Dr. Dipti Prakashkumar Rana	Assistant Professor
86	Dr. KrupaNilesh Jariwala	Assistant Professor
87	Dr. Sankita Jatin Patel	Assistant Professor

Sr. No.	Name	Designation
88	Dr. Udai Pratap Rao	Assistant Professor
89	Dr. Alok Kumar*	Assistant Professor Grade-II
90	Dr. Balu Laxman Parne	Assistant Professor Grade-II
91	Dr. KeyurJivanlal Parmar	Assistant Professor Grade-II
Department of Electrical Engineering		
92	Dr. Anandita Chowdhury	Professor
93	Dr. Ashish Kiranbhai Panchal	Professor
94	Dr. Chudamani Rajagopalan	Professor
95	Dr. Shambhu Nath Sharma	Professor
96	Dr. Varsha Ajit Shah	Professor
97	Dr. Hirenkumar Gunvantbhai Patel	Associate Professor
98	Dr. Hitesh Rameshchandra Jariwala	Associate Professor
99	Shr iJanak Jayant Patel	Associate Professor
100	Dr. Khyatiben Divyeshkumar Mistry	Associate Professor
101	Dr. Mahmadasraf Abdulhamid Mulla	Associate Professor
102	Smt. Manishaben Divyeshkumar Gohil	Associate Professor
103	Shri Mukeshchandra Natvarlal Bhusavalwala	Associate Professor
104	Dr. Prasanta Kundu	Associate Professor
105	Dr. Rakesh Maurya	Associate Professor
106	Dr. Sabharaj Arya	Associate Professor
107	Dr. Vasundhara Waman Mahajan	Associate Professor
108	Dr. Pranavkumar Bhupenabhai Darji	Associate Professor
109	Dr. Aeidapu Mahesh Rayamallu	Assistant Professor Grade-II
110	Smt. Chandaniben Pankajkumar Gor	Assistant Professor
111	Dr. Akanksha Shukla*	Assistant Professor Grade-II
112	Dr. Gangireddy Sushnigdha	Assistant Professor Grade-II
113	Dr. Kunisetti V. Praveen Kumar	Assistant Professor Grade-II
114	Dr. Rahul Radhakrishnan	Assistant Professor Grade-II
115	Dr. Rajasekhara Reddy Chilipi	Assistant Professor Grade-II
116	Dr. Sanjay Tolani	Assistant Professor Grade-II
117	Dr. SukantaHalder*	Assistant Professor Grade-II
118	Dr. Suresh Lakhimshetty*	Assistant Professor Grade-II
119	Dr. Venkataramanaiah Jammala	Assistant Professor Grade-II
Department of Electronics Engineering		
120	Dr. JigneshNatvarlalSarvaiya*	Professor
121	Dr. UpenaDevangDalal	Professor
122	Dr. AnandkumarDhirajlalDarji	Associate Professor
123	ShriAnilkumarHimatlalLalluwadia	Associate Professor
124	Dr. JigishabenNaginbhai Patel	Associate Professor
125	Dr. PiyushNavnitlal Patel	Associate Professor
126	Dr. RasikaNeerajDhavse	Associate Professor
127	Dr. Shilpi Gupta	Associate Professor
128	Dr. ZuberMohmood Patel	Associate Professor
129	Shri Nareshkumar Bhikhubhai Kanirkar	Associate Professor
130	Shri Prashant Kanubhai Shah	Associate Professor
131	Dr. Abhilash SatishMandloi	Assistant Professor
132	Dr. Kishorkumar Parshottambhai Upla	Assistant Professor
133	Dr. Pinalkumar Jadavbhai Engineer	Assistant Professor
134	Dr. Shweta Nishant Shah	Assistant Professor
135	Dr. Abhishek Acharya	Assistant Professor Grade-I
136	Dr. Golak Santra	Assistant Professor
137	Shri Mehulkumar Chhibabhai Patel	Assistant Professor
138	Dr. Deepak Joshi	Assistant Professor Grade-II
139	Dr. Kamal Manharlal Captain	Assistant Professor Grade-II
140	Dr. Kirtilnamdar	Assistant Professor Grade-II

Sr. No.	Name	Designation
141	Dr. Nithin Chatterji*	Assistant Professor Grade-II
142	Dr. Raghavendra Pal*	Assistant Professor Grade-II
143	Dr. Shivendra Yadav*	Assistant Professor Grade-II
144	Dr. Suman Deb	Assistant Professor Grade-II
145	Dr. Suresh Dahiya*	Assistant Professor Grade-II
146	Dr. Vivek Garg*	Assistant Professor Grade-II
Department of Mathematics & Humanities		
147	Dr. Ajaykumar Rammurti Shukla	Professor
148	Dr. Neeru Adlakha	Professor
149	Dr. Vikas Harishchandra Pradhan	Professor
150	Dr. Hemantkumar Pravinbhai Bulsara	Associate Professor
151	Dr. Jayesh Mohanbhai Dhodiya	Associate Professor
152	Dr. Sushilkumar	Associate Professor
153	Dr. Ramakanta Meher	Assistant Professor
154	Dr. Ranjankumar Jana	Assistant Professor
155	Dr. Twinkle Rajivkumar Singh	Assistant Professor
156	Dr. Urvashi Vikas Kaushal	Assistant Professor
157	Dr. Dhananjay Gopal	Assistant Professor
158	Dr. Amit Sharma*	Assistant Professor Grade-II
159	Dr. Indira Priyadarshini Debnath	Assistant Professor Grade-II
160	Dr. Raj Kamal Maurya*	Assistant Professor Grade-II
161	Dr. Saroj RajmaniYadav*	Assistant Professor Grade-II
162	Dr. Shailesh Kumar Srivastava	Assistant Professor Grade-II
163	Dr. Sourav Gupta*	Assistant Professor Grade-II
164	Dr. Sudeep Singh Sanga*	Assistant Professor Grade-II
165	Dr. Vaishali Samir Dhingra*	Assistant Professor Grade-II
Department of Mechanical Engineering		
166	Dr. Harit Kishorchandra Raval	Professor (HAG)
167	Dr. Ravipudi Venkata Rao	Professor (HAG)
168	Dr. Abdulhafiz Abdulkhalik Shaikh	Professor
169	Dr. Dipakkumar Pravinchana Vakharia	Professor
170	Dr. Jyotirmay Janmay Banerjee	Professor
171	Dr. Keyur Pushpavadan Desai	Professor
172	Dr. Shailendra Kumar	Professor
173	Dr. Tushar Narenabhai Desai	Professor
174	Dr. Ashokkumar Dhirajlal Parekh	Associate Professor
175	Dr. Beena Devendra Baloni	Associate Professor
176	Dr. Bharat Mohanbhai Sutaria	Associate Professor
177	Dr. Devdas Ishwarbhai Lalwani	Associate Professor
178	Dr. Harshitkumar Kishorchana Dave	Associate Professor
179	Dr. Hemant Kumar Bhupendrabhai Mehta	Associate Professor
180	Dr. Jyoti Vinay Menghani	Associate Professor
181	Dr. Mahendrakumar Bhagvandas Maisuria	Associate Professor
182	Dr. Purnanand Vishwanathrao Bhale	Associate Professor
183	Dr. Ravi Kant	Associate Professor
184	Dr. Rupesh Dineshbhai Shah	Associate Professor
185	Shri Dipakkumar Babubhai Gohil	Associate Professor
186	Dr. Achchhelal Banshraj	Assistant Professor
187	Dr. Ashish Vasantlal Doshi	Assistant Professor
188	Dr. Dinesh Singh	Assistant Professor
189	Dr. Manishkumar Kaniyalal Rathod	Assistant Professor
190	Dr. Mukund Haribhai Bade	Assistant Professor
191	Dr. Sandeep Soni	Assistant Professor
192	Dr. Shaileshkumar Natvarlal Pandya	Assistant Professor
193	Dr. Vikram Parshottambhai Rathod	Assistant Professor

Sr. No.	Name	Designation
194	Dr. Vimalkumar Khandubhai Patel	Assistant Professor
195	Dr. Vivek Devidas Kalyankar	Assistant Professor
196	Shri Ajaybhai Bhanubhai Makwana	Assistant Professor
197	Dr. Anilkumar Mahto	Assistant Professor
198	Shri Nikunj Kumar Ganeshbhai Patel	Assistant Professor
199	Dr. Amit Kumar Fateh Singh	Assistant Professor Grade-II
200	Dr. Amit Kumar Om Pal Singh*	Assistant Professor Grade-II
201	Dr. Biranchi Narayan Sahoo	Assistant Professor Grade-II
202	Dr. Kamallesh Arun Sorate*	Assistant Professor Grade-II
203	Dr. Krishna Kishore Mugada*	Assistant Professor Grade-II
204	Dr. Mulay Amrut Shrikant	Assistant Professor Grade-II
205	Dr. Naresh Yarramsetty	Assistant Professor Grade-II
206	Dr. Neeraj Srivastava*	Assistant Professor Grade-II
207	Dr. Nikhil Ashokbhai Baraiya	Assistant Professor Grade-II
208	Dr. Pallvita Yadav	Assistant Professor Grade-II
209	Dr. Pawan Sharma	Assistant Professor Grade-II
210	Dr. Prabhansu	Assistant Professor Grade-II
211	Dr. Rajesh Choudhary*	Assistant Professor Grade-II
212	Dr. Raju Prasad Mahto*	Assistant Professor Grade-II
213	Dr. Ram Singar Yadav*	Assistant Professor Grade-II
214	Dr. Rayasam Srilakshmi*	Assistant Professor Grade-II
215	Dr. Rohan Rahul Pande	Assistant Professor Grade-II
216	Dr. Rohit Tamrakar	Assistant Professor Grade-II
217	Dr. Sumit Khare	Assistant Professor Grade-II
218	Dr. Sunil Kumar*	Assistant Professor Grade-II
219	Dr. Susanta Behera*	Assistant Professor Grade-II
220	Dr. Vipul Mangalbhai Patel	Assistant Professor Grade-II
221	Dr. Yogendra Vasantrao Kuwar*	Assistant Professor Grade-II
Department of Physics		
222	Dr. Kamlesh Nikulkumar Pathak	Professor
223	Dr. Ajaykumar Gajadhar Rai	Associate Professor
224	Dr. Debesh Ranjan Roy	Associate Professor
225	Dr. Dimple Vitrag Shah	Associate Professor
226	Dr. Vipulkumar Amirbhai Kheraj	Associate Professor
227	Dr. Lalitkumar Saini	Assistant Professor
228	Dr. Yogeshkumar Ashokbhai Sonvane	Assistant Professor
229	Dr. Shail Pandey	Assistant Professor Grade-II
230	Dr. Dipikaben Baldevbhai Patel*	Assistant Professor Grade-II
231	Dr. Himanshu Pandey*	Assistant Professor Grade-II
232	Dr. Mithun Karmakar*	Assistant Professor Grade-II
233	Dr. Sharad Kumar Yadav*	Assistant Professor Grade-II
234	Dr. Vikash Kumar Ojha*	Assistant Professor Grade-II
Physical Education Section		
235	Dr. Nisithkumar Sahdev Datta	Associate Professor

4.3 Administrative & Other Staff:

4.3.1 List of Administrative Staff as on 30/06/2021.

Sr. No.	Name of the Employee	Designation
1	Dr. Pramod Mathur	Registrar
2	Dr. S. G. Shah	Chief Medical Officer
3	Shri A. C. Patel	Sr. Scientific Officer
4	Shri Kamlabh K.Singh	Deputy Registrar
5	Dr. Deepam M. Patel*	Sr. Executive Engineer
6	Shri Ajay Sharma	Assistant Librarian
7	Dr. Chirag Vaghela	SAS Officer
8	Shri Ravinder Kumar	Assistant Registrar
9	Shri B. P. Sibasankar	Assistant Registrar
10	Shri Peela Krishna C.	Assistant Registrar
11	Shri Mrityunjay Kumar M.	Assistant Registrar
12	Dr. Parmar Dilay Amarbhai*	Technical Officer
13	Mrs. M. P. Mody	Superintendent
14	Mrs. S. J. Pathak	Superintendent
15	Shri P. D. Bhatt	Superintendent
16	Shri K. P. Solanki	Superintendent
17	Mrs. M. A. Patel	Assistant(SG-I)
18	Shri A. V. Panchal	Assistant(SG-I)
19	Shri R. D. Ruparel	Assistant(SG-I)
20	Shri M. C. Vania	Assistant(SG-I)
21	Mrs. R. M. Garasia	Assistant(SG-I)
22	Shri V. R. Patel	Assistant(SG-II)
23	Ms. P. K. Bhagwagar	Senior Assistant
24	Shri C. M. Suthar	Senior Assistant
25	Mrs. P. H. Kantharia	Senior Assistant
26	Shri M. L. Patel	Senior Assistant
27	Shri R. J. Patel	Senior Assistant
28	Shri Dilip Rathod	Senior Assistant
29	Shri B. K. Patel	Senior Assistant
30	Shri R. B. Solanki	Senior Assistant
31	Shri Arvind R. Prajapati	Junior Assistant
32	Mrs. C.R. Parmar	Junior Assistant
33	Dr. Patij K. Shah	Technical Assistant (SG-I)
34	Shri P.P. Vankar	Technical Assistant (SG-II)
35	Shri G.S. Shah	Technical Assistant (SG-II)
36	Ms. M.S. Patel	Technical Assistant (SG-II)
37	Shri A.B. Bilimoria	Technical Assistant (SG-II)
38	Shri G.J. Panchal	Senior Technical Assistant
39	Shri B.D. Mistry	Senior Technical Assistant
40	Shri G.B. Master	Senior Technical Assistant
41	Shri P.R. Sivadasan	Senior Technical Assistant
42	Shri J.J. Prajapati	Technician (SG-I)
43	Shri R.M. Vasava	Technical Assistant
44	Shri M.T. Patel	Technical Assistant
45	Shri M.S. Rathwa	Technician (SG-I)
46	Shri B.S. More	Technician (SG-I)
47	Shri D.M. Rathod	Technician (SG-I)
48	Shri N.D. Patel	Technician (SG-I)
49	Shri A.M. Mistry	Technician (SG-I)
50	Shri V.B. Rathod	Technician (SG-II)
51	Shri R.N. Chauhan	Technician (SG-II)

Sr. No.	Name of the Employee	Designation
52	Shri V.G. Patel	Technician (SG-II)
53	Shri Praful M. Patel	Senior Technician
54	Shri Gaurav Mahida	Senior Technician
55	Shri Ashish N. Gamit	Technician
56	Shri Mukesh A. Patel	Technician
57	Shri N.J. Patel	Technician
58	Shri S.H. Bhagat	Technician
59	Shri P.K. Solanki	Office / Lab Attendant (SG-I)
60	Shri M.G. Azam	Office / Lab Attendant (SG-I)
61	Shri K.D. Gamit	Office / Lab Attendant (SG-I)
62	Shri A.R. Kothari	Office / Lab Attendant (SG-I)
63	Shri K.P. Surati	Office / Lab Attendant (SG-I)
64	Shri B.K. Patel	Office / Lab Attendant (SG-I)
65	Shri S.R. Jadav	Office / Lab Attendant (SG-I)
66	Shri A.H. Chavda	Office / Lab Attendant (SG-I)
67	Shri K.D. Surati	Office / Lab Attendant (SG-I)
68	Shri H.D. Umarvanshi	Office / Lab Attendant (SG-I)
69	Shri J.G. Umrigar	Office / Lab Attendant (SG-I)
70	Shri Ankur Arthania	Office / Lab Attendant (SG-II)
71	Shri Jayram Behra	Office / Lab Attendant (SG-II)
72	Shri B. J. Vasava	Senior Office / Lab Attendant

* Newly joined officers

4.3.2 New Recruitment (2020-21)

Sr. No.	Name	Designation	Department	Date of Joining
ACADEMIC				
1.	Dr. J. N. Sarvaiya	Professor	Electronics Engg.	30/03/2021
2.	Dr. Chauhan Vaishaliben H.	Asst. Prof. Grade-II	Mathematics & Humanities	08.04.2021
3.	Dr. Patel Dipikaben Baldevbhai	Asst. Prof. Grade-II	Physics	09.04.2021
4.	Dr. Yadav Saroj Rajmani	Asst. Prof. Grade-II	Mathematics & Humanities	09.04.2021
5.	Dr. Vivek Garg	Asst. Prof. Grade-II	Electronics Engg.	09.04.2021
6.	Dr. Rajesh Choudhary	Asst. Prof. Grade-II	Mechanical Engg.	12.04.2021
7.	Dr. Ram Singar Yadav	Asst. Prof. Grade-II	Mechanical Engg.	12.04.2021
8.	Dr. Sukanta Halder	Asst. Prof. Grade-II	Electrical Engg.	12.04.2021
9.	Dr. Himanshu Pandey	Asst. Prof. Grade-II	Physics	15.04.2021
10.	Dr. Shivendra Yadav	Asst. Prof. Grade-II	Electronics Engg.	16.04.2021
11.	Dr. Vikash Kumar Ojha	Asst. Prof. Grade-II	Physics	16.04.2021
12.	Dr. Rayasam Srilakshmi	Asst. Prof. Grade-II	Mechanical Engg.	08.04.2021
13.	Dr. Mithun Karmakar	Asst. Prof. Grade-II	Physics	15.04.2021
14.	Dr. Sudeep Singh Sanga	Asst. Prof. Grade-II	Mathematics & Humanities	12.04.2021
15.	Dr. Sunil Kumar	Asst. Prof. Grade-II	Mechanical Engg.	12.04.2021
16.	Dr. Raghavendra Pal	Asst. Prof. Grade-II	Electronics Engg.	16.04.2021
17.	Dr. Arup Kumar Ghosh	Asst. Prof. Grade-II	Chemistry	21.04.2021
18.	Dr. Nitin Chatterji	Asst. Prof. Grade-II	Electronics Engg.	12.04.2021
19.	Dr. Lata Rana	Asst. Prof. Grade-II	Chemistry	09.04.2021
20.	Dr. Krishna Kishore Mugada	Asst. Prof. Grade-II	Mechanical Engg.	23.04.2021
21.	Dr. Sharad Kumar Yadav	Asst. Prof. Grade-II	Physics	24.05.2021
22.	Dr. Suresh Lakhimsetty	Asst. Prof. Grade-II	Electrical Engg.	06.05.2021
23.	Dr. Raj Kamal Maurya	Asst. Prof. Grade-II	Mathematics & Humanities	03.05.2021
24.	Dr. Sourav Gupta	Asst. Prof. Grade-II	Mathematics &	07.07.2021

Sr. No.	Name	Designation	Department	Date of Joining
			Humanities	
25.	Dr. Suresh Dahiya	Asst. Prof. Grade-II	Electronics Engg.	21.05.2021
26.	Dr. Akanksha Shukla	Asst. Prof. Grade-II	Electrical Engg.	17.05.2021
27.	Dr. Alok Kumar	Asst. Prof. Grade-II	Computer Science and Engg.	09.06.2021
28.	Dr. Subrat Dutta	Asst. Prof. Grade-II	Chemistry	13.05.2021
29.	Dr. Areti Sivaiah	Asst. Prof. Grade-II	Chemistry	03.05.2021
30.	Dr. Yogendra Vasant Rao Kuwar	Asst. Prof. Grade-II	Mechanical Engg.	24.05.2021
31.	Dr. Raju Prasad Mahto	Asst. Prof. Grade-II	Mechanical Engg.	20.05.2021
32.	Dr. Amit Sharma	Asst. Prof. Grade-II	Mathematics and Humanities	27.05.2021
33.	Dr. Sorate Kamallesh Arun	Asst. Prof. Grade-II	Mechanical Engg.	06.05.2021
34.	Dr. Susanta Behera	Asst. Prof. Grade-II	Mechanical Engg.	25.05.2021
35.	Dr. Amit Kumar	Asst. Prof. Grade-II	Mechanical Engg.	02.07.2021
36.	Dr. Smaranika Panda	Asst. Prof. Grade-II	Civil Engg.	01.06.2021
37.	Dr. Neeraj Srivastava	Asst. Prof. Grade-II	Mechanical Engg.	28.05.2021
ADMINISTRATIVE				
38.	Dr. Deepam M. Patel	Sr. Exe. Engineer	Estate	30.04.2021
39.	Dr. Parmar Dilay Amarbhai	Sci./Tech. Officer	CCC	07.05.2021

4.3.3 List of employees superannuated / retired / resigned / relieved during the year 2020-21.

Sr. No.	Name	Designation	Date of Superannuation / Vol. Retirement / Expired
ACADEMIC			
1.	Dr. J. E. M. Macwan	Professor	31/01/2021
2.	Dr. (Mrs.) A. K. Khambete	Professor	Vol. retirement on 31/01/2021
3.	Dr. H. B. Naik	Professor	Vol. retirement on 02/02/2021
4.	Dr. H. J. Nagarsheth	Professor	28/02/2021
ADMINISTRATIVE			
1.	Mrs. D. M. Shah	Assistant (SG-I)	31/07/2020
2.	Shri G. G. Rathod	Office / Lab Attendant (SG-I)	31/05/2021

Deceased employees during the year as detailed below:

- (1) Shri Natvarbhai C. Solanki, Assistant (SG-I) expired on 18/01/2021.
- (2) Shri Suresh C. Shoemaker, Executive Engineer expired on 07/05/2021.

4.3.4 List of employees promoted / upgraded during the year 2020-21.

Sr. No.	Name	Post of promotion w.e.f. 26/03/2021
1.	Shri A. C. Patel	Sr. Scientific Officer
2.	Shri P. D. Bhatt	Superintendent
3.	Shri K. P. Solanki	Superintendent
4.	Shri V. B. Rathod	Technician (SG-II)
5.	Shri R. N. Chauhan	Technician (SG-II)
6.	Shri V. G. Patel	Technician (SG-II)

4.3.5 List of employees on Extra-Ordinary Leave / Depuation / Lien / Sabbatical Leave during the year 2020-21.

Sr. No.	Name	Designation	Remarks
1.	Dr. Dhiren R. Patel	Professor	Deputation from 01/07/2017 to 31/05/2022
2.	Dr. Rajendra Kumar	Asst. Prof.	Lien for 2 years from 15/10/2019
3.	Dr. Dhananjay Gopal	Asst. Prof.	Lien for 2 years from 19/06/2020

4.3.6 Staff position as on 30/06/2021

Sr. No.	Cadre	Sanctioned	In position	Vacant
Academic				
01	Director (Head of the Institute)	01	01	00
02	Professor	296	42	62
03	Associate Professor		68	
04	Assistant Professor		124	
	Sub Total (A)	296+01	234+01	62
Administrative				
01	Registrar	01	01	00
02	Deputy Registrar	05	01	04
03	Assistant Registrar	06	04	02
04	Librarian	01	00	01
05	Deputy Librarian	01	00	01
06	Assistant Librarian	02	01	01
07	Principal SAS Officer	01	00	01
08	SAS Officer	01	01	00
09	Principal Scientific / Technical Officer	01	00	01
10	Senior Scientific / Technical Officer	01	01	00
11	Scientific / Technical Officer	03	01	02
12	Superintendent Engineer	01	00	01
13	Sr. Executive Engineer	02	01	01
14	Executive Engineer	03	00	03
15	Senior Medical Officer (Chief Medical Officer)	01	01	00
16	Medical Officer	01	00	02
	Sub Total (B)	30+01	11+01	19
01	Technical Assistant / SAS Asst. / LIC Asst. / Jr. Engineer	35	02	33
02	Sr. Technical Assistant / Sr. SAS Asst. / Sr. SIS Asst. / Sr. Asst. Engineer / Pharmacist (SG-II)	27	04	23
03	Technical Assistant (SG-II) / SAS Asst. (SG-II) / LIS Asst. (SG-II) / Asst. Engineer (SG-II) / Pharmacist	18	04	14
04	Technical Assistant (SG-I) / SAS Asst. (SG-I) / LIS Asst. (SG-I) / Asst. Engineer (SG-I)	09	01	08
	Total (I)	89	11	78
01	Technician	35	04	31
02	Senior Technician	26	02	24
03	Technician (SG-II) / Pharmacist	18	03	15
04	Technician (SG-I)	09	06	03
	Total (II)	88	15	73
	Sub Total (C) (I+II)(Higher + Lower)	177	26	151
01	Superintendent	09	04	05
02	Senior Superintendent / Stenographer (SG-I)	07	00	07
03	Superintendent (SG-II)	05	00	05
04	Superintendent (SG-I)	03	00	03
	Total (III)	24	04	20

Sr. No.	Cadre	Sanctioned	In position	Vacant
01	Junior Assistnat	20	02	18
02	Senior Assistnat / Stenographer	15	08	07
03	Assistant (SG-II) / Sr. Stenographer	10	01	09
04	Assistant (SG-I) / Sr. Stenographer (SG-II)	05	05	00
	Total (IV)	50	16	34
	Sub Total (D) (III+IV) (Higher + Lower)	74	20	54
01	Office Attendant / Lab Attendant	17	00	17
02	Sr. Office Attendant / Sr. Lab Attendant	13	01	12
03	Office Attendant (SG-II) / Lab Attendant (SG-II)	09	02	07
04	Office Attendant (SG-I) / Lab Attendant (SG-I)	05	11	-06
	Sub Total (E)	44	14	30
	Grand Total (A+B+C+D+E)	621+02	305+02	316

4.3.7 Brief Summary of Staff Positions as on 30/06/2021

Sr. No.	Cadre	Sanctioned	In Position	Vacant
01	Director	01	01	00
02	Professor	296	42	63
03	Associate Professor		68	
04	Assistant Professor		124	
	(Teaching) Sub Total (A)	296+01	234+01	63
01	Officer	30+01	11+01	19
02	Technical Staff	177	26	151
03	Administrative Staff	74	20	54
04	Supporting Staff	44	14	30
	(Non-Teaching) Sub Total (B)	325+01	71+01	254
	GRAND TOTAL (A+B)	621+02	305+02	317

5.0 NIT COUNCIL, BOG AND OTHER COMMITTEES

5.1 NIT COUNCIL

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

01	Minister in charge, Ministry of Education, Government of India	Chairman (Ex-officio)
02	Secretary to the Govt. of India, Department of Higher Education, Ministry of Education	Member (Ex-officio)
03	The Chairperson of National Institutes of Technology located at Jaipur (Rajasthan), Nagpur (Maharashtra), Jalandhar (Punjab), Raipur (Chattisgarh), Rourkela (Orissa), Silchar (Assam), Srinagar (Jammu & Kashmir), Surathkal (Karnataka), Surat (Gujarat), Srinagar (Jammu & Kashmir) Surathkal (Karnataka) Trichy (Tamil Nadu) Warangal (Andhra Pradesh) Delhi (New Delhi) Mirozam, Sikkim, Puducherry, Agartala (Tripura), Allahabad (Uttar Pradesh), Arunachal Pradesh, Bhopal (Madhya Pradesh), Calicut (Kerala), Durgapur (West Bengal), Goa (Karnataka), Hamirpur (Himachal Pradesh), Manipur, Meghalaya, Nagaland, Patna (Bihar), Jamshedpur (Jharkhand), Kurukshetra (Haryana)	Member (Ex-officio)
04	Director of every National Institute of Technology	Member (Ex-officio)
05	The Chairman, University Grants Commission	Member (Ex-officio)
06	The Director General, Council for Scientific & Industrial Research	Member (Ex-officio)
07	Secretary, Department of Bio-Technology, Government of India	Member (Ex-officio)
08	Secretary, Department of Atomic Energy, Government of India	Member (Ex-officio)
09	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 woman, 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 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 (Now Ministry of Education), 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 (Now MoE)	Member Secretary (Ex-officio)

5.2 BOARD OF GOVERNORS:

01	The Chairperson to be nominated by the Visitor	:	Vacant (specific nomination is to be made by the Ministry)
02	The Director, Ex-officio	:	Prof. S.R. Gandhi Director, SVNIT, Surat.
03	Two persons not below the rank of the Joint Secretary to the Government of India to be nominated by the Central Government from amongst persons dealing with technical education and finance.	:	Shri Madan Mohan (Expired on 26.04.2021) Additional Director General (HE), Ministry of Education, New Delhi-110001. Shri Mrutyunjay Behera Economic Advisor (HE) Ministry of Education, ShastriBhawan, New Delhi-110 001 Mrs. Darshana Dabral Joint Secretary & Financial Advisor Integrated Finance Division Ministry of Education, ShastriBhawan New Delhi-110 001
04	Two persons to be nominated by the Government of the State in which the Institute is situated, from amongst persons, who, in the opinion of that Government are technologist or industrialists of repute.	:	Shri Nihar Doctor Director, Envision Enviro Tech. Pvt. Ltd.Surat, Shri Ram Complex, 3 rd floor, Above Bank of India, Nr. KargilChowk, Surat-Dumas Road,Piplod, Surat-395 007. Shri Prashant Prataprai Desai Director, DNA Healthcare Project LLP, Surat, B/206, River Palace, Opp: Old Civil Court, Collector Office Road,Nanpura, Surat-395 001.
05	Two persons, at least one of whom shall be a woman, having special knowledge or practical experience in respect of education, engineering or science to be nominated by the Council;	:	Vacant (specific nomination is to be made by the Council)
06	One Professor and one Assistant Professor or a Lecturer of the Institute to be nominated by the Senate.	:	Dr. Robin Alfred Christian Professor, Deptt. of Civil Engineering, SVNIT, Surat. Dr. Purnanand V. Bhale Associate Professor, Department of Mechanical Engineering, SVNIT, Surat
07	The Director of the Indian Institute of Technology in whose zone the Institute is located or his nominee, not below the rank of a Professor	:	Prof. Amit Prashant Professor, Civil Engg. Deptt., IIT, Gandhinagar
08	Registrar of the Institute – Ex-officio Secretary	:	Dr. Pramod Mathur Registrar, SVNIT, Surat.

5.3 LIST OF SENATE MEMBERS

Sr. No.	Name	
1	Prof. Shailesh R. Gandhi Director, SVNIT, Surat	Chairman
2	Dr. Premlal Patel Deputy Director, SVNIT, Surat & Professor (HAG), Deptt. of Civil Engineering	Member
3	Dr. Chebrolu Pulla Rao, FAPAS, FNASc, FASc, FNA, JC Bose National Fellow, Professor & Head Chemistry, IIT, Tirupati, Tirupati-Renigunta Road, Settipalli Post, Tirupati – 517 506 (Andhra Pradesh)	Member
4	Dr. G. Bhuvaneshwari Professor, Department of Electrical Engineering Room No. II/219, I.I.T. Delhi, HauzKhas, New Delhi-110016	Member
5	Dr. Gajendra K. Adil Professor- Shailesh J. Mehta School of Management, Indian Institute of Technology Bombay, Powai, Mumbai – 400 076	Member
6	Dr. Chetankumar Devjibhai Modhera Professor (HAG), Deptt. of Civil Engineering	Member
7	Dr. Deveshkumar Chhabildas Jinwala Professor (HAG), Deptt. of Computer Science and Engg. & Dean (Research & Consultancy)	Member
8	Dr. Harit Kishorchandra Raval Professor (HAG), Deptt. of Mechanical Engineering	Member
9	Dr. Jayantilal Naginbhai Patel Professor (HAG), Deptt. of Civil Engineering	Member
10	Dr. Parimal Amratlal Parikh Professor (HAG), Deptt. of Chemical Engineering	Member
11	Dr. Ravipudi Venkata Rao Professor (HAG), Deptt. of Mechanical Engineering & Dean (Faculty Welfare)	Member
12	Dr. Z. V. P. Murthy Professor (HAG), Deptt. of Chemical Engineering	Member
13	Dr. Abdulhafiz Abdulkhaliq Shaikh Professor, Deptt. of Mechanical Engineering	Member
14	Dr. Ajaykumar Rammurti Shukla Professor, Deptt. of Mathematics & Humanities	Member
15	Dr. Anandita Chowdhury Professor, Deptt. of Electrical Engineering	Member
16	Dr. Ashish Kiranbhai Panchal Professor, Deptt. of Electrical Engineering	Member
17	Dr. Atulbhai Kantilal Desai Professor, Deptt. of Civil Engineering	Member
18	Dr. Chandresh Himmatlal Solanki Professor, Deptt. of Civil Engineering	Member
19	Dr. Chudamani Rajagopalan Professor & Head, Deptt. of Electrical Engineering	Member
20	Dr. Dhiren R. Patel Professor, Deptt. of Computer Engineering	Member
21	Dr. Dipakkumar Pravinchandra Vakharia Professor, Deptt. of Mechanical Engineering	Member
22	Dr. Gaurang Jayantilal Joshi Professor & Head, Deptt. of Civil Engineering	Member

Sr. No.	Name	
23	Dr. Jigishaben Kamal Parikh Professor, Deptt. of Chemical Engineering	Member
24	Dr. Jignesh Natvarlal Sarvaiya Professor, Deptt. of Electronics Engineering	Member
25	Dr. Jyotirmay Janmay Banerjee Professor& Head, Deptt. of Mechanical Engineering	Member
26	Dr. Kamlesh Nikulkumar Pathak Professor, Deptt. of Physics	Member
27	Dr. Keyur Pushpavadan Desai Professor, Deptt. of Mechanical Engineering	Member
28	Dr. Krupeshbhai Ambubhai Chauhan Professor, Deptt. of Civil Engineering	Member
29	Dr. Mausumi Mukhopadhyay Professor, Deptt. of Chemical Engineering	Member
30	Dr. Moideen Mansoor Ahammed Professor, Deptt. of Civil Engineering	Member
31	Dr. Mousami Chakraborty Professor, Deptt. of Chemical Engineering	Member
32	Dr. Mukesh Ajitkumar Zaveri Professor& Head, Deptt. of Computer Engineering	Member
33	Dr. Neeru Adlakha Professor, Deptt. of Mathematics & Humanities	Member
34	Dr. Prashitbhai Girishbhai Agnihotri Professor, Deptt. of Civil Engineering	Member
35	Dr. Rakesh Kumar Professor, Deptt. of Civil Engineering	Member
36	Dr. Robin Alfred Christian Professor, Deptt. of Civil Engineering	Member
37	Dr. Sandip Arvindlal Vasanwala Professor, Deptt. of Civil Engineering	Member
38	Dr. Sanjaykumar Madhusudan Yadav Professor, Deptt. of Civil Engineering	Member
39	Dr. Shailendra Kumar Professor, Deptt. of Mechanical Engineering	Member
40	Dr. Shambhu Nath Sharma Professor, Deptt. of Electrical Engineering & Dean (Academic)	Member
41	Dr. Smita Manish Jauhari Professor, Deptt. of Chemistry	Member
42	Dr. Tushar Narenabhai Desai Professor, Deptt. of Mechanical Engineering	Member
43	Dr. Upena Devang Dalal Professor, Deptt. of Electronics Engineering	Member
44	Dr. Varsha Ajit Shah Professor, Deptt. of Electrical Engineering	Member
45	Dr. Vikas Harishchana Pradhan Professor, Deptt. of Mathematics & Humanities	Member
46	Dr. Vivek Laxmikant Manekar Professor, Deptt. of Civil Engineering & Dean (Planning & Development)	Member
47	Dr. Pramod Mathur Registrar, SVNIT, Surat	Secretary

5.4 FINANCE COMMITTEE:

01	The Chairman, Ex-officio	:	Prof. S.R. Gandhi Chairman, BOG, SVNIT, Surat.
02	Two persons nominated by Central Government	:	Shri Madan Mohan (Expired on 26.04.2021) Additional Director General (HE), Ministry of Education, New Delhi-110001. Shri Mrutyunjay Behera Economic Advisor (HE) Ministry of Education, Shastri Bhawan, New Delhi-110 001 Mrs. Darshana Dabral Joint Secretary & Financial Advisor Integrated Finance Division Ministry of Education, Shastri Bhawan New Delhi-110 001
03	Two persons nominated by the Board amongst its members	:	Dr. Robin Alfred Christian Professor, Deptt. of Civil Engineering, SVNIT, Surat. Dr. Purnanand V. Bhale Associate Professor, Deptt. of Mechanical Engineering, SVNIT, Surat
04	The Director, Ex-officio	:	Prof. S.R. Gandhi Director, SVNIT, Surat.
05	The Registrar, Ex-officio, Member Secretary	:	Dr. Pramod Mathur Registrar, SVNIT, Surat.

5.5 BUILDING & WORKS COMMITTEE:

01	The Director, Ex-officio Chairman	:	Prof. S.R. Gandhi Director, SVNIT, Surat
02	Director or Deputy Secretary or his nominee dealing with the NIT in the Ministry and Director or Deputy Secretary or his nominee dealing with finance of NIT in the Ministry as Ex-officio Member of the Central Government.	:	Ex-officio (No specific nomination made by the Ministry)
03	One member nominated by the Board of Governors	:	Shri A.K. Jain Special Director (Retd.), CPWD As nominated by the Board in its 41 st meeting held on 12/06/2015.
04	Registrar, Ex-officio, Member Secretary	:	Dr. Pramod Mathur Registrar, SVNIT, Surat
05	Dean, Planning and Development or similar position	:	Dr. G.J. Joshi Dean (P&D)
06	One expert each from Civil and Electrical Engineering wing of Central or State Government or any autonomous body of repute.	:	(i) Expert from Civil Er. P. L. Patel Superintending Engineer Roads and Building Department Surat Circle, Govt. of Gujarat Nanpura, Surat – 395 001 Expert from Electrical Wing - Vacant

6.0 FINANCIAL STATUS

6.1 Grants received from Ministry of Education, Govt. of India. (Rs. In lakhs)

Source of Fund	(Recurring) & (Non-Recurring)		
	2018-19	2019-20	2020-21
OH- 31	2500.00	8187.00	6626.25
OH-35	--	160.00	1391.75
OH-36	2500.00	6400.00	7141.35
Total	5000.00	14747.00	15159.35

6.2 Details of other receipts (Rs. In Lakhs)

Particulars	2018-19	2019-20	2020-21
Academic Receipt	3069.80	3419.46	3497.30
Other than Academic Receipt i.e. Rent from Staff Qtrs., Bank / Hostel / Post Office/ Canteen, Interest on FDR, etc.	651.16	649.44	533.01
Total	3720.96	4068.90	4030.31

6.3 Expenditure position (Rs. in Lakhs)

Particulars	2018-19	2019-20	2020-21			Total 2020-21
			OH-31	OH-35	OH-36	
Recurring (OH-31 & 36) Expenditure	11187.77	12295.50	6735.10	--	10011.16	16746.26
Non Recurring (OH-35) Expenditure	821.67	923.91	--	1215.78	--	1215.78
Total	12009.44	13219.41	6735.10	1215.78	10011.16	17962.04

6.4 Details of Project Receipts & Expenditure (Rs. in Lakhs)

Particulars	2018-19		2019-20		2020-21	
	Receipt	Expenditure	Receipt	Expenditure	Receipt	Expenditure
Receipt under DST Project/BRNS Project	286.61	370.69	106.34	172.42	23.66	44.97
Receipt under CSIR & Other projects	119.51	194.77	300.97	414.68	259.62	489.60
Total	406.12	565.46	407.31	587.10	283.28	534.57

7.0 RESEARCH & CONSULTANCY

7.1 Research Projects Details:

Total 55 projects to the tune of Rs.19,65,32,925/- are on-going. Details of these live projects executed by various faculties in different departments are mentioned below.

Department of Mechanical Engineering						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project – Experimental analysis of slug regime in Gas-liquid two-phase flow through pipes.	Dr. J. Banerjee	25,18,400	3 years	23.05.14	Completed (2020-21)
2	Combustor Technology Development for small Gas Turbine / Turbo fan Engine	Dr. S. A. Channiwala	1,74,32,000	2 Years	02.05.17	Ongoing
3	Study of Slurry Erosion behaviour of Highly Entrophy Alloy Coating	Dr. Jyoti V. Meghani	27,72,000	2 years	22.08.17	Completed (2020-21)
4	Investigations on a Novel Stacked Minichannel Heat Sink using Efficient Coolants	Dr. H. B. Mehta	24,47,500	3 Years	05.10.17	Completed (2020-21)
5	Design, Development and Demonstration of an Aerodynamically Advanced Un-manned Air Vehicle for Stealth and Heavy Payload Application	Dr. S. A. Channiwala (PI) Dr. Beena D. Baloni (Co-PI) Dr. A. A. Shaikh (Co-PI) Dr. Mukesh A. Zaveri (Co-PI) Mr. Janak J. Patel (Co-PI)	5,93,95,500	18 Months	22.01.18	Completed (2020-21)
6	Performance optimization of air conditioning system for automotive sector using new LOW GWP R1234yf refrigerant	Dr. Ashok D. Parekh	21,45,000	36 Months	22.01.19	Ongoing
7	CSIR BHATNAGAR FELLOWSHIP 2018 "Development Of Hybrid Plasma Gasification Technology for MSW Management	Dr. S. A. Channiwala	78,00,000	36 Months	01.01.19	Ongoing
8	Investigations on Wear Characteristics of NiCrBSi Overlay Surface on 304 SS with and without Tungsten Carbide Reinforcement	Dr. V. D. Kalyankar	1,20,000	18 Months	11.10.19	Ongoing
9	Robot Making Competition "ROBOFEST-GUJARAT"	Dr. Harshit K. Dave	1,50,000	1 year	25.11.19	Completed (2020-21)
10	Linear Stability Analysis of Interface Dynamics in Two Phase Jets	Dr. J Banerjee	6,60,000	3 Years	04.03.2020	Ongoing
11	Development Of A Novel High Entrophy Alloy Reinforced Magnesium Composites to Reduce Tension-Compression Yield Asymmetry Through Ultrasonic Assisted Liquid State Processing Route	Dr. Biranchi Narayan Sahoo	28,64,340	2 Years	27.11.20	Ongoing
12	Industrial suitability and commercialization of novel SPIF process for DC04 steel and Ti Gr.2 materials	Dr. Amrut Shrikant Mulay	16,74,240	2 years	08.02.21	Ongoing
13	Investigations on Flow deflection about savonius Hydrokinetic Turbines and	Dr. Vimal K. Patel Dr. Vikram P. Rathod	20,24,000	3 years	18.3.21	Ongoing

Department of Mechanical Engineering						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
	design evolution with Core Technical Concepts					
14	Gujarat Robofest 2.0 Competition (Making the robot at the power exoskeleton category)	Dr. Harshit K Dave	50,000	1 year	30.3.21	Ongoing
15	Gujarat Robofest 2.0 Competition (Making the robot in the underwater robot category)	Dr. Harshit K Dave	50,000	1 year	30.3.21	Ongoing
16	Gujarat Robofest 2.0 Competition (Making the robot at the pipe climbing robot category)	Dr. Harshit K Dave	50,000	1 year	30.3.21	Ongoing
17	Gujarat Robofest 2.0 Competition (Making the robot at the four legged robot category)	Dr. Harshit K Dave	50,000	1 year	30.3.21	Ongoing

Department of Chemistry						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project – Polymer-graphene-antimicrobial protein hybrid composite microspheres as potent biocidal agents with attract and kill protein-metal synergy.	Dr. Rajendra Kumar	12,00,000	2 Years	04.09.2014	Completed (2020-21)
2	DST Project -" Use of inorganic and hybrid sorbents / exchangers for removal of toxic metals from industrial waste water"	Dr. K.C. Maheria (PI) Dr. Lalita Choudhary(Co.PI)	31,40,000	3 years	30.03.2015	Ongoing
3	SERB Project - Functional Variants of Mussel Inspired Biomaterial Surface; effect to Surface Functional Groups on antibiofilm Properties\	Dr.Rajendra Kumar	28,91,000	3 years	08.03.16	Ongoing
4	UGC-DAE Oproject - Aggregation of amphiphilic copolymers in deep eutectic solvent - water mixed system (CRS-M-234)	Dr. Ketan Kuperkar	6,44,705	3 years	16.01.2017	Completed (2020-21)
5	Design of Green Synthetic Approaches for Automatically Precise Nanocluster their specific Interactions : Development of Miniaturised Analytical Method	Dr. Suresh Kumar Kailasa Z.V.P. Murty (Co-PI)	35,04,655	3 Years	20.07.17	Ongoing
6	Micro structural aggregates in the task - specific Biodegradable Surface active "Greener" Ionics Liquids (CRS-M276)	Dr. Naved Malek	4,05,000	1 Year Ext up to 3 Years	18.12.17	Ongoing
7	Polydopamine based Nanopartics with Antimicrobial and antiaesenic properties for water disinfection and remediation	Dr.Rajendra Kumar	44,30,000	36 Months	29.11.17	Transfer (2020-21)

Department of Applied Mathematics & Humanities						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	computational study on multi-dimensional stefan problems in biological tissues based on non-Fourier heat transfer model using mesh-free method	Dr.Sushil Kumar	16,20,518	36 Months	05.06.18	Ongoing
2	Simulation and Land data assimilation to community land model for improving rice crop dynamics	Dr. R. K .Jana	22,20,000	3 Years	11.03.2020	Ongoing

Department of Physics						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project – Novel nanomaterials structure, growth, electronics, magnetic and optical properties	Dr. Debesh Ranjan Roy	6,00,000	3 years	20.09.13	Completed (2020-21)
2	BRNS Project –Ground – State properties of low dimensional quantum systems.	Dr. L. K.Saini	14,49,250	3 years Wxtended up to 31.12.16	27.09.13	Ongoing
3	SERB Project – Strongly – correlated electronics materials, Topological quntumnano – materials	Dr. L. K. Saini	14,04,000	3 years	24.02.14	Ongoing
4	SERB Project - Novel perovskite-based solar cells : Invetigation of potential properties using ab-initio approches	Dr. Y. A. Sonavne	30,09,000	3 years	02.03.2017	Ongoing
5	Development of Novel Cluster Assembled Material from Potential Cluster Motifs : A new Insight under density Functional Investigation	Dr. Debesh Ranjan Roy	27,69,594	3 Years	03.07.17	Ongoing
6	conducting polymer nanocomposite (CPC) for selective and sensitiv sensor detection of explosive array	Dr. Swati Saxena	19,20,000	24 Months	25.09.18	Ongoing
7	FIST - 2017	Dr. Vipul Kheraj	1,18,00,000	5 years	18.06.19	Ongoing
8	"TEC Data ingestion to ionospheric models from Indian EIA region to improve models predictions"	Dr. Sheetal P. Karia	25,50,000	3 Years	05.07.19	Ongoing
9	Study of breakup reactions involving weakly bound projectile nuclei at Coulomb barrier energies	Dr. Dipika B. Patel	21,31,200	2 Years	19.02.2020	Ongoing
10	Group III-V Inorganic Semiconductor Clusters for Future Nanoelectronics Applications	Dr. Debesh Ranjan Roy	33,67,513	3 Years	16.01.21	Ongoing

Department of Civil Engineering						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	DST Project on Development of Guideline for Preventing Elderly Users Injuries at Intersection	Dr. Rakesh Kumar	38,62,305	3 year	22.11.11	Completed (2020-21)
2	DST Project on Utilization of Copper Slag and Fly ash for Road Construction and building materials	Dr. Rakesh Kumar	16,93,620	3 years	04.01.13	Completed (2020-21)
3	Strengthens the research facilities in the area of :Flow Structures and Turbines	Dr. V. L. Manekar	1,75,00,000	5 Years	21.11.14	Ongoing
4	Traffic and Pedestrian Movement Analysis at undesigned pedestrian crossings on Urban Midblock Sections	Dr. Ashish Dhamania	23,91,000	3 Years	01.01.16	Completed (2020-21)
5	Performance and design evaluation of test tracks of flexible pavement with waste materials in subbase and base Layers.	Dr. Satyajit Patel(PI) Dr. C H. Solanki(Co-PI)	1,61,15,200	3 Years	31.03.16	Completed (2020-21)
6	Unnat Bharat Abhiyan Cell	Dr. K. D. Yadav	1,75,000	1 years	23.2.17	Ongoing
7	Preparation of State of Art Report (SOAR) on Preparation of Construction Safety Manual	Dr. Dilip Patel	8,36,900	6 Months	21.07.17	Ongoing
8	IT Indian Heritage Platform Enhancing Cultural Resilience in India by Applying Digital Technologies to the Indian Tangible and Intangible Heritage	Dr. D. A. Patel	10,00,000	24 Months	15.02.18	Ongoing
9	Impact of Climate change on water Resources of Sabarmati Basin	Dr.Vimal Mishra Dr.P. L. Patel	84,91,560	3 Years	19.03.18	Ongoing
10	Impact of Climate change on Water Resources of Tapi Basin	Dr.P. L.Patel Dr.P. V. Timbadiya Dr.Rohit Goyal Dr.Vishnu prasad	1,35,84,560	3 Years	13.03.18 (07.11.2016 Saction Date)	Ongoing
11	Securing Water for Agricultural and Food Sustainability: Developing Transdisciplinary Approach to Groundwater Management	Dr. J. N. Patel	58,51,495	24 Months	30.04.19	Ongoing
12	Development of Framework to Measure Sustainability Index Of Transportation Systems In Indian Metropolitan Cities	Dr. Shriniwas Arkatkar Dr. G. J. Joshi	82,32,000	36 Months	22.02.19	Ongoing

Department of Chemical Engineering						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project - " A Study on ultrasound assisted crystallization of clopidogrel hydrogen sulfate"	Dr. S. R.Patel	15,76,000	2 Years	08.07.15	Ongoing
2	Study of Microbial Consortia in Microbial fuel cell	Dr. A. K.Mungray	17,05,000	3 Years	28.07.15	Ongoing
3	GUJCOST Project Studies on interfacial characteristics of Liquid system	Dr. V. N. Lad	5,10,000	3 years	28.03.16	Ongoing
4	SERB Project - Integration of Septic Tank and Microbial fuel cell : Novel Hybrid system for sustainable treatment of domestic waste water	Dr. Arvind Kumar Mungray	31,18,000	3 Years	14.03.2017	Ongoing
5	Synthesis and Characterization of semiconductor / oxide materials for cost effective perovskite solar cells modules	Dr. Jignasa V. Gohel	16,32,000	3 Years	28.06.2017	Completed (2020-21)
6	The near future air cathode Osmotic microbial fuel cell (OMFC) for wastewater treatment,electricity generation and pure water extraction	Dr.Alka A. Mungray	28,46,000	3 years	20.03.18	Ongoing
7	Mango Waste Valorization Through Biorefining Concept: A Sustainable and Greener Approach	Dr. Meghal A. Desai Dr. Girirajsinh C. Jadeja	50,60,880	36 Months	10.10.18	Ongoing
8	Ultrasonic Microreactor for Production of Nano-Micro Particles of Poorly water Soluble Active Pharmaceutical Ingredients (API)	Dr. Sanjaykumar Rameshbhai Patel	51,41,750	36 Months	01.06.19	Ongoing
9	Development of composite thin films with simultaneous different and magnetic properties	Dr. V. N. Lad	25,30,884	2 Years	25.02.2020	Ongoing
10	Synthesis of Artificial Sweeteners and High Value Chemicals from Biorenewable Resources using Noble Metal Aerogel Catalysts	Prof. Jigisha Prarikh	21,45,264	3 Years	28.5.2020	Ongoing

Department of Computer Engineering						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	ISEA Project - " Phase - II released Grant in Aid"	Dr. D. C. Jinwala	1,85,70,000	5 years	12.02.16	Ongoing

Department of Electrical Engineering						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	Development of Adaptive Control Algorithm for Shunt Compensator	Dr. Sabha Raj Arya	1,94,000	2 Years	20.06.16	Completed (2020-21)
2	SERB Project - Development of Control Algorithms for shunt and series connected Custom Power Devices.	Dr. Sabha Raj Arya	44,10,560	3 years	17.08.16	Ongoing
	Development of enhanced Predictive Current Control and Predictive Torque Control strategies for Open-end Winding Permanent Magnet Synchronous Motor Drive with less torque ripple for Electric Vehicles	Dr. Kunisetti V. Praveen kumar	28,96,910	2 Years	19.01.21	Ongoing

Department of Electronics Engineering						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	SMDP Project - " SMDP C2SD Project"(Special Manpower Development Programme Chips to System Design	Dr. A. D. Darji (PI) Prof. Pinal J. Engineer(Co-PI)	99,72,000	5 years	04.02.15	Ongoing
2	BRNS Project - FPGA based adaptive filter Algorithm Implementation for external noise cancellation	Dr. Anand Darji Dr. Jignesh N. Sarvaiya	24,87,750	2 years	27.10.15	Completed (2020-21)
3	Study Design and Simulation Ino delay effects based on Inospheric Models & their correction Technique using Software Defined Radio	Dr. Ms. Shweta Shah	18,90,000	3 years	23.01.2017	Completed (2020-21)
4	SIRMI Strenthening IRNSS receiver by mitigrarion of Interface	Dr. Upena Dalal (PI) Dr. Shweta N.Shah (Co-pl)	31,21,000	2 Years	13.09.17	Completed (2020-21)
5	" Young Faculty Research Fellowship	Dr Piyush N. Patel	14,80,000	2 Year Ext up to 5 Years	15.01.18	Ongoing
6	study&implimentation of generative Aelversariaol network (GANS) for image super-resolution :Application to image capture using CCTV Camera	Dr. kishor P. Upla	23,03,180	36 Months	21.08.18	Ongoing
7	Fractal metamaterial and its application to wearable antennas	Dr. Kirti Inamdar Dr. Upena D. Dalal	30,14,420	36 Months	10.10.18	Ongoing
8	Design and Development of Co-Planar Waveguide based Wearable Bio-Sensor for Medical Application	Dr. Piyush Patel Dr. J.N. Sarvaiya	17,69,000	2 Years	8.7.20	Ongoing

7.2 Consultancy Testing Details

Testing and Consultancy service are offered by the faculties to local civic body, industry and other state and central organizations. In year 2020-21 consultancy service of Rs.6,77,85,679/- is carried out by different departments of Institute. Testing of Rs.15,20,673/- is done by utilizing institute infrastructure. Details of testing and consultancy are mentioned below.

DEPARTMENT OF CIVIL ENGINEERING (DoCE)				
Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
1	Dr. G R Vesmawala Dr. Y D Patil	Approval of Civil & Structural Drawings for additional technical structure at HDPE unit of Panipat Naphtha Cracker (PNC), Panipat	C & S Engineering Consulting Engineers, Surat	30,000
2	Dr. S J Shukla	Tank foundation proof checking for internal floating roof tank at Pakni depot of BPCL	Bharat Petroleum Corporation Ltd, Solapur	45,000
3	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural modeling, analysis, design drawings and following works under CE, CG Goad, CE, CG Vishakhapatnam, CWE Jabalpur and GE CG Kochi (1) Preparation of Structural desing and drawings for the Provn of 2 x MD accn for majors & above double storey) at defence standardization cell, Jabalpur (2) Consultancy services for predation and submission of line plan, arch drg. BOX yardstick, draft tender document for provn of Indoor badminton court at ICGS GOA under GE (1) (P) Ratnagiri (#) Preparation of detailed architectural, drawing, structural drawing of squash court at CGRA Kunjathbail, Manglore (Rs. 10 K) (\$) Provision of single living accommodation for defence security corps at DHQ 8 at Haldia (Rs. 10K)	Geo Designs and Research (P) Ltd, Vadodara	45,000
4	Dr. Y D Patil Dr. G R Vesmawala	Vetting and checking of the drawings / documents (design basis & Foundation calculations) supplied by TBWES Pvt..Ltd, Pune.	Thermax Babcock & Wilcox Energy Solutions Pvt Ltd, Pune	4,50,000
5	Dr. G R Veshmawala Dr. Y D Patil	Consultancy services for vetting and checking of module mouting structure at AAI, Hubballi Airport	Madhav Infra Project Limited, Vadodara	25,000
6	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural modeling, analysis, design, drawing and works under CE Jodhpur and CE Vishakapatnam (1) 310/2019-20 (Rs. 100,000) : Provision of Auditorium cum cinema hall at Jaisalmer (1200 capacity) (2) 407/2019-20 (Rs. 62000) : Construction of project D Training Infrastructure at Vishakapatnam (3) 302 (2019-20) (Rs. 112000): Consultancy services for balance building for Design evaluation analysis and preparation of detailed structural drawings of all building for provn of OM accommodation for Mech Inf Recce and SP Bn job S 2950 at Jaialmer under CEJZ Jodhpur (\$) 406/2019-20 (Rs. 37,500) : Provn of Deficient in Living Accomodation for Officers at INS Rajali	Geo Designs and Research (P) Ltd, Vadodara	3,11,500
7	Dr. K D Yadav	Providing Proof Checking Consultancy Services for the work of Bio-Mining of existing old dumped waste located near Bhatar Sewage Treatment Plant and sanitary landfill celll no. 02 (SLF-2) at Khajod disposal site including disposal of residue inert at SLF-2 and closure of SLF-2 as per the provision of Solid Waste Management Rules 2016, under Swachh	Drainage Dept., Surat Municipal Corporation, Surat	2,00,000

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
		Bharat Mission.		
8	Dr. G R Vesmawala	Consultancy services regarding factory visit for Paving of paver Block and footpath various area of Surat Municipal Corporation	Exe. Eng., R&D Deptt., Muglisara, Surat	1,00,000
9	Dr. K D Yadav Dr. Namrata D Jariwala	Providing Consultancy Services for In-site remediation of Outlets/Creek in River Tapi in Drainage Department.	Tapi Shuddhikara Project, Surat Municipal Corporation, Surat	5,00,000
10	Dr. C D Modhera Dr. S A Vasanwala Dr. G R Vesmawala	Proof checking of structural design for the various small bridged at Porbandar 1. Bokhira village culver 1,2,3,4 2. Bridge near Workshop 3. Bridge Khodiyar Mandir 4. Bridge near Marine Police 5. Bridge near Bapa Sitaram 6. Deck Bridge	Exe. Eng. (Civil), Construction Division, Guajrat Maritime Board, Porbandar	4,00,000
11	Dr. J B Patel	Proof checking of structural design and drawing for Punagam lake in East Zone (Varachha) area, TP-20 (Puna), OP-80, FP-11 (redevelopment work of Puna Lake	Exe. Eng. Surat Municipal Corporation, Surat	40,000
12	Dr. J B Patel Dr. K D Yadav Dr. Satyajit Patel	3rd Party Consultant for Construction of Solid Hazardous Waste Disposal cell 1 & 2 Extension at VGEL CSWP site for checking and Certifying and site assessment / guidance during construction of TSDF Landfill as per CPCB & GPCB guidelines. Scope of Work Proof Checking of the design for the vertical landfill at Vapi. 1). Geotechnical stability analysis of landfill as per CPCB guidelines. Geomembrane stability for tensile stress under self weight Geomembrane stability: Adequate anchorage Stability over Geomembrane. Settlement of landfill base on native soil based on SBC value provided by the client Stability for moving vehicle on ramp. Thickness of leachate collection (drainage) layer Slope stability of waste above RE wall under static and seismic load. 2) Proof checking of environmental aspect as per CPCB guidelines.	Vapi Green Enviro Limited, Vapi	4,00,000
13	Dr. J B Patel Dr. Satyajit Patel Dr. Shailendra Kumar Dr. C H Solanki	Soil Investigation with recommendation of SBC for Construction of Aqueduct on 9R(Ninat Minor)canal	Surat Canal Sub Division, No. 3, Mahuva	2,04,000
14	Dr. S A Vasanwala Dr. C D Modhera	Visual Inspection and Condition Assessment Report of Himani Apartment Building, Majuraget, Surat	Himani Apartment Co-Op Housing Society Ltd, Majuragate, Surat	30,000
15	Dr. S M Yadav	Hydrodynamic modeling of dredging and channelization works for protection from the erosion in Dubey Chapra village of Dubey Chhapra Dam built on the left bank of river Ganga in district Ballia.	E.E., Barrage Mechanical Maintenance Division, Varanasi.	4,00,000
16	Dr. J B Patel Dr. Satyajit Patel Dr. Shailendra Kumar Dr. S J Shukla	Soil Investigation with recommendation of SBC and Pile capacity for construction of Aqueduct on Kharvan Minor Canal (Sub Minor R D 5.80 to 6.80)	Surat Canal Sub Division, No. 3, Mahuva	4,73,000
17	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of Design and drawing of various ROB bridges in Rajasthan (1) Construction of Elevated Road in front of city mall Jhalawar Road Kota (2) Construction of Flyover at Anantpura Tri Junction on Jhallawar Road Kota (3) Construction of Underpass & other civil works at Gobaria Bawdi Circle, Kota	Thoughts Consultants Jaipur Pvt Ltd	4,50,000
18	Dr. Y D Patil Dr. G R Vesmawala Dr. A K Desai	Condition Assessment of Prem Vihar Apartment (Building A,B,C,D)	Prem Vihar Co-Operative Housing Society Ltd, Umra, Surat	50,000

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
19	Dr. S R Gandhi	Project Monitoring committee (PMC) meeting for providing coastal protection work to combat sea erosion of sea coast near lighthouse at Dwarka of Dev Bhumi Dwarka District (Gujarat)	Directorate of Lighthouses & Lightships, Jamnagar 361008	90,000
20	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of Design and drawing of construction of underpass and other works at Aerodrom circle Kota	Thoughts Consultants Jaipur Pvt Ltd	1,50,000
21	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of design and drawing of Tanks	Tak Viksh Engineering Private Limited, Vadodara	30,000
22	Dr. G R Vesmawala Dr. Y D Patil	Structural stability of column at ONG-AFWS Project (1) Stripper Column (which include stability certificate of 6 + 1 stripper column Rs. 18 Lacs + GST (2) LPG Column which includes stability certificate of 6 + 1 LPG Columns (18 Lacs + GST)	Project Manager MEP - IFS. Sterling and Wilson Pvt Ltd, Mumbai 400043	34,00,000
23	Dr. S R Suryawanshi	Proof checking of the "Sirvi Samaj Bhavan Building" at Gida Keshar Singh (Pali - Rajasthan)	Kesharam Chaudhary, President, Sirvi Samaj, Pali - Rajasthan	30,000
24	Dr. G R Vesmawala Dr. Y D Patil	Providing Proof checking consultancy service for the work of Construction of School Building at TPS No. 24 (Mota Varachha - Utran) FP No. 170 (R-19) in New East (Varachha), Zone - B, Surat	Executive Engineer, New East (Varachha) Zone - B, Surat Municipal Corporation, Surat	1,05,002
25	Dr. V L Manekar	Review of proposed diversion to the mini canal through underground pipes	Rajhans (Real Estate), Surat	30,000
26	Dr. C R Patel	Carrying out Household Surveys & Site studies for the work of Creating " Wild Valley Bio-Diversity Park" on both side of Kankara Creek from Dr. Hegdewar Bridge to Bhimrad-Bamroli Bridge in South Zone & South-West Zone" Surat.	Surat Smart City Development Limited	10,00,000
27	Dr. C D Modhera Dr. S A Vasanwala	Vetting of More shed drawing to be constructed under CSR - CD by M/s. NTPC in Mora Village	Manager (Tech Services), NTPC Limited, Surat	30,000
28	Dr. Satyajit Patel Dr. S R Gandhi	Site visit and Identification of project failure (Widening of the existing Jetpur-Gondal-Rajkot (KM 117.000 to 185.000) from two lane to four lane; making improvement in the existing four laning Gondal-Rajkot section (km 143.00 to 175.000) and widening of existing Rajkot Bypass (km 175.000 to 185.000) from two lane to four lane on NH-8B in the State of Gujarat - Regarding collapse of retaining wall at km 185+570 on Rajkot Bypass in the stretch of 4 Lanning of Jetpur - Gondal Rajkot on NH -27 Information required for magisterial enquiry.	National Highway Authority of India, PIU, Rajkot	1,50,000
29	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural Modelling analysis, design, drawing and works under CE Jodhpur and CE Goa(I) Provision of Consultancy service for Preparation structural drawing and supply of Detailed Estimate market analysis and Yard Stick of Overhead water storage tank 1.5 Lakhs Gallon Capacities with Staging 21 (2) Consultancy service for Retaining wall design and soil investigation for RC Retaining wall boundary wall at TRV ICGAS Daman.	Geo Designs and Research (P) Ltd, Vadodara	50,000
30	Dr. Satyajit Patel Dr. Shailendra Kumar	Soil Investigation: Construction of 10 Nos. Class rooms, 3 Nos (2 No.s Normal lab and 1 No. Computer Lab), 1 No. staff room i/c passage, 0.625 unit boys dormitory with one warden residence, 0.75 unit girls dormitory with 1 warden residence,	Executive Engineer ©-I, Central Public Works Department, (CPWD), Rajkot	2,42,800

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
		Principal residence and one no. type -II quarters at JNV Roop Nagar (Dist - Bharuch)		
31	Dr. G R Vesmawala Dr. Y D Patil	Condition Assessment of Shiv Shakti Apartment Building at Lal Darwaja, Surat	Shailesh R Shah, 90 China Gate-2, New City Light Road, Surat	35,000
32	Dr. Jignesh B Patel Dr. Satyajit Patel	Proof Checking of design for the vertical landfill from Geotechnical aspects at PT Indo Bharat Rayon, Purwakarta, Indonesia.	PT Indo Bharat Rayon, Indonesia	7,50,000
33	Dr. Satyajit Patel Dr. S R Suryawanshi	R & D Project on Development of Angular Shaped Coarse Aggregates from Flyash	NTPC Limited, Uttar Pradesh, 201301	19,09,000
34	Dr. G R Vesmawala Dr. K D Yadav Dr. P V Timbadiya Dr. H G Patel	Professional advice and guidance, viz, third party vetting and approval of the detailed project report (DPR) for Consultancy service for preparation of DPR for Provision of STP at Air Force Station, Bhita	Geo Designs and Research (P) Ltd, Vadodara	1,00,000
35	Dr. Shailendra Kumar Dr. S J Shukla Dr. Jignesh Patel Dr. Satyajit Patel Dr. C H Solanki	To carry out different testes on core samples.	Office of Deputy Executive Engr. Ver Project Subject Division No. 3, Vyara	5,98,000
36	Dr. Shailendra Kumar Dr. S J Shukla Dr. Jignesh Patel Dr. Satyajit Patel Dr. C H Solanki	Soil Bearing Capacity (S,B,C) Specific Gravity Compression Strenght and Water Absorption for constructing Hydraulic Structure across Mindhola River, Olan River and Purna River in District of Tapi	Office of Deputy Executive Engr. Ver Project Subject Division No. 3, Vyara	8,16,000
37	Dr. K D Yadav Dr. R A Christian	Preparation of adequacy and efficacy of Environment Management System Odour Management plan of M/s. Nilkanth Kraft Paper Mill located at Vill- Kerva, Dist. Mehsana, Gujarat	M/s. Nilkanth Kraft Paper Mill, Vill-Kerva, Dist. Mehsana, Gujarat	7,30,000
38	Dr. B Kondraivendhan	Condition assessment of Krishna Apartment Building	Krushna Co-Op Housing Society, Adajan, Surat	53,000
39	Dr. B Kondraivendhan	Structural Condition Assessment of Ankit Apartment (D-Tower), Shankeshwar Complex, Kailash Nagar, Majuragate, Suart	Ankit Apartment (D-Tower), Shankeshwar Complex, Kailash Nagar, Majuragate, Surat	1,20,360
40	Dr. G R Vesmawala Dr. Y D Patil	Proof checking work for construction of road over bridge and approaches of ROB in lieu of LC 32 at km 272/5-6 in phulera-Madar Section on Kishangarh-Ajmer Road	Strength Engineering Services Pvt Ltd., Jaipur	1,40,000
41	Dr. G R Vesmawala Dr. Y D Patil	Proof checking and vetting of Structural design and load calculation	Hare Krushna Associates, Bharuch	35,000
42	Dr. B Kondraivendhan	Structural proof checking of piers at Bodhwada- Semiliypure-Gangi (Parikrama Path) for Man-Jobat Division Kukshi.	Janak N Panchal, Udhna Darwaja, Surat	25,000
43	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural design, drawings and flookwing works aunder Government of Andhra Pradesh Road and Building Department N H Circle, Anathpuram, Andhra Pradesh	Geo Designs and Research (P) Ltd, Vadodara	50,000
44	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of minor bridge of Alwar Nug	Satishkumar Goyal, Thoughts Consultants Jaipur Pvt Ltd	30,000
45	Dr. Y D Patil Dr. G R Vesmawala	Building safety certificate of Hills High School, Vesu	Trustee, Hills High School, Vesu, Surat	30,000
46	Dr. Y D Patil Dr. G R Vesmawala	Structural audit of buildings, Structures at Porbandar Airport (Terminal Building of G+3 storey RCC Building at Porbandar Airport (2) Radar Tower stell structure having rotating radar mounted on it at Porbandar Airport	Asst. Gen. Mngr. (Eng. Civil), AAI, Porbandar Airport, AAI, Porbandar 360577	6,50,000
47	Dr. Y D Patil Dr. S A Vasanwala	Structural proof checking of RCC Buildings (Construction of Light House (LHP) site at Rajkot, Gujarat under Global Housing Technology, Challenge- India (GHTC-India)	Malani Construction Co. Rajkot	18,00,000

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
48	Dr. B Kondraivendhan	Proof checking of TOE Wall for Railway Gauge Conversion work between Lunidhar-Jetalsar Section	M/s. Shree Ganesh Engineering & Construction Co.	35,754
49	Dr. Satyajit Patel Dr. S R Gandhi	Study of settlement issue of the back filled soil and ground water data in fuel oil pipe support & railway line area for 1 x 660 MW Harduaganj Thermal Power Station (Extension - II) in district Aligarh, UP, India	Toshiba JSW Power Systems Pvt Ltd, Gurugram	3,00,000
50	Dr. G R Vesmawala Dr. Y D Patil	Proof checking of structural design of 2 Nos. bridge on Shivling Mahadev, Othawad, Bathanakuvra roat at chainge 3/600 and 6/800 Ta Balasinor, (PMGSY 2018-19)	Executive Engr., Panchayat R & B sub Division Balasinor, Dist. Mahisagar	90,000
51	Dr. Y D Patil	Proof checking of Railway Bridge No. 850 between Chitrasni-Karjoda block section, Jaipur	V.K.Dua, DGM/RVLN/ABR, Rail Vikas Nigam Limited, (Govt. of India Enterprise), D-356, RHCO Housing Colony, Abu Road (Rajasthan) 307026	25,000
52	Dr. K D Yadav Dr. N D Jariwala, Dr. P V Bhale, Dr. Rohan Pandey	To examine and ceritfy the fuel effiecieny of the improvised cooking stoves	M/s. Green Tech Environment, Bharuch	25,000
53	Dr. P V Timbadiya Dr. K D Yadav	Efficacy study of 8 MLD STP at Hissar, Hariyana	LC Infra Projects Private Limited	75,000
54	Dr. S J Shukla	Structural proof checking of Design and Drawing of RS Walls for DFCC ROB LC 52-II, LC-61 and LC 62-63 MGS Section of ECR	M/s. Jhahjaria Nirman Ltd, Jhahjaria Mansion, Jagmal Block (C.G) - 495001	1,00,000
55	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya	Consultancy services for providing Road Safety Audity of Roads under SUDA area.	Surat Urban Development Authority, Surat	35,00,000
56	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya Shri Amit J Solanki	Third Party Inspection Services for the work of Construction of Carpet/Recarpet layer of various road of having width below 24.0 mtr. Falling in Central Zone of Surat City by contractor's own Batch mix type hot mix plant and WMM plant to be installed within Surat City limit with sensor operator paver finisher and setting/resetting of footpath water table & thermoplastic painting, signage with other traffic safety measures (work no. 26)	Central Zone, Surat Municipal Corporation, Surat	3,51,000
57	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya Shri Amit J Solanki	Third Party Inspection Services for the work of Construction of Road Layers from sub grade to binder/wearing course having width below 24.0 mtr. And reinstate of trench line falling in Central Zone (South) of Surat city by contractor's own Batch Mix type hot mix plant and WMM plant to be installed within Surat City limit with manual operator paver finisher with other traffic safety measures (work no. 28)	Central Zone, Surat Municipal Corporation, Surat	2,37,000
58	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya Shri Amit J Solanki	Third Party Inspection Services for the work of Construction of Road Layers from sub grade to binder/wearing course having width below 24.0 mtr. And reinstate of trench line falling in Central Zone (North) of Surat City by contractor's own Batch mix type hot mix plant and WMM plant to be installed within Surat City limit with manual operator paver finisher with other traffic safety mesures (work no. 27)	Central Zone, Surat Municipal Corporation, Surat	1,99,000
59	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya Shri Amit J Solanki	Random Vigilance checking for the work of Construction of layers from sub grade to binder/wearing course having width 24.0 mts. & above falling in South West (Athwa) Zone of Surat City by contractor's own	South West (Athwa) Zone, Surat Municipal Corporation, Surat	2,00,000

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
		batch mix type hot mix plant and WMM plant to be installed within Surat City limits with sensor operator paver finisher including construction /repair of footpath, divider, watertable and providing & laying/fixing of pavement markings, road studs, road signages with other traffic safety measures (Part-B) (work no. 01/30)		
60	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya Shri Amit J Solanki	Random Vigilance checking for the work of Construction of layers from sub grade to binder/wearing course having width 24.0 mts. Below T.P. road falling in South West(Athwa) Zone of Surat City by Contractor's own Batch mix type hot mix plant and WMM plant to be installed within Surat City limits with sensor operator paver finisher including construction/repair of footpath, divider, watertable and providing & laying/fixing of pavement markings, road studs, road signages with other traffic safety measures (Part-B) (work no. 03/30)	South West (Athwa) Zone, Surat Municipal Corporation, Surat	3,00,000
61	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya Shri Amit J Solanki	Random Vigilance Checking for the work of Construction of layers from sub grade to binder/wearing course having width 24.0 mts. Below T.P. road falling in South West (Athwa) Zone of Surat City by Contractor's own Batch mix type hot mix plant and WMM plant to be installed within Surat City limits with sensor operator paver finisher including construction/repair of footpath, divider, watertable and providing & laying/fixing of pavement markings, road studs, road signages with other traffic safety measures (Party-A) (Work No. 2/30)	South West (Athwa) Zone, Surat Municipal Corporation, Surat	3,00,000
62	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya Shri Amit J Solanki	Third Party Inspection Services for the work of Construction of Road layers from sub grade to binder/wearing course having width 24.0 mts. & above road falling in South Zone(Udhna) of Surat City by Contractor's own Batch mix type hot mix plant and WMM plant to be installed within Surat City limits with sensor operator paver finisher including construction/repair of footpath, divider, watertable and providing & laying /fixing of pavement markings, road studs, road signages with other traffic safety measures. (work no. 22)	South Zone (Udhna), Surat Municipal Corporation, Surat	1,90,625
63	Dr. Satyajit Patel	To perform FWD(Falling Weight Deflectometer) Test on Kheda-Dholka-Bagodara State Highway Road 36/600 to 53/200	Dy. Executive Engineer, Road & Building Sub Division, Kheda	1,06,800
64	Dr. S A Vasanwala	Proof checking of Structure design, report & drawing of construction of various buildings for Mewar Bhil Corps a Banswara, Rajasthan	M/s. JAG Designers Pvt Ltd, 41/2, 2nd Floor, Sangathan Society, Opp. Sun Rise Park, Drive in Road, Ahmedabad - 380052	90,000
65	Dr. Y D Patil	ADI-BTD Gauge Conversion Project - Design check of RUB No 12 (1x18.30m Composite Steel Girder)	AGM(p)/RVNL/ADI, Rail Vikas Nigam Limited, Govt. of India Enterprise	75,000
66	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar Shri Amit J Solanki	Third Party Inspection (TPI) service for the Construction of road from sub grade to top wearing layer having width below 24.0 mtr. As per MoRTH 2013 in T.P. 07,08,19,33,34,39,40 & 64 of Sub Zone-A at South East Zone (Limbayat). (Work No. 06)	South East Zone (Limbayat), Surat Municipal Corporation, Surat	3,24,063
67	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar Shri Amit J	Third Party Inspection Services for the work of Construction of New, Carpeting/Recarpeting roads having width	New East Zone-B (Sarhana), Surat Municipal Corporation, Surat	2,94,997

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
	Solanki	below 24.00 mts. By Contractor's own Batch Mix Type Hot Mix Plant and Wet Mix type (WMM) Plant to be installed within Surat City Limit with Sensor Operator Paver Finisher with allied works including Construction of Footpath, Divider & Providing traffic measures etc. for roads in New East Zone-B (Sarhana) jurisdiction of Surat City (Work No.29)		
68	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar Shri Amit J Solanki	Third Party Inspection Services for the work of Construction of New, Carpeting/ Recarpeting roads having width 24.00 mts. And above by Contractor's own Batch Mix Type Hot Mix Plant and Wet Mix Type (WMM) Plant to be installed within Surat City Limit with Sensor Operator Paver Finisher with allied works including Construction of Footpath, m Divider & Providing traffic measures, etc. for roads in New East Zone-B (Sarhana) jurisdiction of Surat City	New East Zone-B (Sarhana), Surat Municipal Corporation, Surat	1,89,779
69	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar Shri Amit J Solanki	Third Party Inspection (TPI) service for the Construction of road from sub grade to top wearing layer having width below 24.0 mtr. As per MoRTH 2013 in T.P. 41,62 & 69 of Sub Zone B at South East Zone (Limbayat)	South East Zone (Limbayat), Surat Municipal Corporation, Surat	2,66,875
70	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar Shri Amit J Solanki	Third Party Inspection Services for the work of Construction of New, Carpeting/Re-Carpeting roads having width below 24.00 mts. By Contractor's own Batch Mix Type Hot Mix Plant and Wet Mix Type (WMM) Plant to be installed within Surat City Limit and Sensor Paver finisher with other allied works including Construction of Footpath, Divider & Providing traffic measures, etc. for roads in New East Zone-B (Sarhana) jurisdiction of Surat City	New East Zone-B (Sarhana), Surat Municipal Corporation, Surat	2,52,812
71	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar Shri Amit J Solanki	Third Party Inspection Services for the work of Construction of Road layers from sub grade to binder/wearing course, having width 24.0 mts. And above falling in Old East Zone (Varachha)-A of Surat City by Contractor's own Batch Mix type Hot Mix Plant and WMM Plant to be installed within Surat City Limits with Sensor Operator Paver Finisher including Construction/ Repair of Footpath, Divider, Water Table and Providing & laying/fixing of pavement Markings, Road Studs, Road Signages with other traffic safety measures. Also Microsurfacing work of Type-III &/Or Type-II on various Roads/Bridges (As per Requirements) with contractor's own Machine and Mobile Laboratory. (Work No. 01)	Old East (Varachha) Zone-A, Surat Municipal Corporation, Surat	2,36,619
72	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar Shri Amit J Solanki	Third Party Inspection Services for the work of Construction of TP/Non TP roads from sub grade to wearing course/road carpet/road recarpet falling below 24.00 m. wide in Old East (Varachha) Zone-A of Surat City by Contractor's own Batch Mix Plant and WMM Plant to be installed within Surat City limits with Sensor Operator Paver Finisher including Construction/ Repair of Footpath, Divider, Water Table and Providing & Laying/Fixing of Pavement Markings, Road Studs, Road Signages and with other traffic safety measures. (Work No.02) (2nd Attempt)	Old East (Varachha) Zone-A, Surat Municipal Corporation, Surat	1,71,995

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
73	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Third Party Inspection Services for the work of Construction of bitumen road layers from sub grade to binder/wearing coarse on internal roads of different societies and for reinstatement of trench lines falling in West Zone (Rander) of Surat city by contractor's own Batch mix type hot mix plant and WMM plant to be installed within Surat City Limit with manual operated paver finisher including construction /repair of footpath, divider, water table and providing & laying/fixing of pavement marking, road studs, road signages with other traffic safety measures. (Work No. 18)	West Zone (Rander) Zone, Surat Municipal Corporation, Surat	2,40,000
74	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Third Party Inspection Services for the Constructing Cement Concrete Roads of Various Societies in West Zone (Rander) area.	West Zone (Rander) Zone, Surat Municipal Corporation, Surat	75,402
75	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Third Party Inspection (TPI) service for the Construction of road from sub gade to top wearing layer for Society roads and trench line as per MoRTH 2013 in T.P. 07,08,19,33,34,39,40 & 64 of Sub Zone-A at South East Zone (Limbayat)	South East Zone (Limbayat), Surat Municipal Corporation, Surat	4,19,375
76	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Third Party Inspection Services for the work of Construction of bitumen road layers from sub grade to binder/wearing coarse by contractor's own batch mix type hot mix plant and WMM plant to be installed within Surat City Limit with sensor operated paver finisher and micro surfacing work of type-III &/Or type-II on vaious roads/bridges with contractors own machine and mobile laboratory on roads having width 24.0 mtr. and above falling in West Zone (Rander) of Surat City including construction/repair of footpath, divider, water table and providing & laying/fixing of pavement marking, road studs, road signages with other traffic safety measures. (Work no. 15)	West Zone (Rander) Zone, Surat Municipal Corporation, Surat	1,80,000
77	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Third Party Inspection Services for the work of Construction of road from sub grade to top wearing layer having width 24.0 mts. & above road as per MoRTH-2013 in area of South East Zone (Limbayat)	South East Zone (Limbayat), Surat Municipal Corporation, Surat	1,52,500
78	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Third Party Inspection Services for the work of Construction of road layers from sub grade to binder/wearing course having width 24.0 mts. & above road falling in North Zone (Katargam) New area of Surat City by Contractor's own batch mix type hot mix plant and W.M.M. plant to be installed within Surat City limit with sensor operator paver finisher including const./repair of footpath, divider, watertable and providing and laying/fixing of pavement markings, road studs, road signages with other traffic safety measures. (Work No. 11) (Contractor: M/s. J. M. Shah)	North Zone (Katargam), Surat Municipal Corporation, Surat	2,00,000
79	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Random Vigilance Checking (Visit Basis) for Construction of New Carpeting/Re-carpeting roads of societies and trench line reinstatement by Contractor's own Batch mix type hot mix plant and Wet Mix Type (WMM) plant to be installed within Surat City Limit and manual paver finisher with other allied works including construction of footpath, divider & Providing traffic measures etc. for roads in North Zone	North Zone (Katargam), Surat Municipal Corporation, Surat	4,00,000

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		(Katargam) jurisdiction of Surat City. (Work No. 13) (Contractor: M/s. J. M. Shah)		
80	Dr. Y D Patil	Structural proof checking of VUP at KM 3/9 - 4/0 between Rajkot, Bhaktinagar	Miral - Mavani (JV), Rajkot	1,40,000
81	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural modeling, analysis, design, drawing and consultancy service for of Married Accommodation for DCS Platoon at New Manglore	Geo Designs and Research (P) Ltd, Vadodara	40,000
82	Dr. Shailendra Kumar Dr. C H Solanki Dr. Satyjit Patel, Dr. S J Shukla Dr. J B Patel	Soil Bearing Capacity (SBC) report for constructing hydraulic structure across Purna River in District of Dang	Dy. Executive Engineer, Jhuj Project Canal Sub Division No. 2, Ahwa	8,06,000
83	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of design and drawing of G+1 storey building at Rajkot	Hiralal Odhavjibhai Gadhiya, Katargam, Surat	25,000
84	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural modeling, analysis, design, drawing and provision of certain special items for Maritime Aquatic Water training facility and other allied structure at ICGS Okha	Geo Designs and Research (P) Ltd, Vadodara	30,000
85	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural modeling, analysis, design, drawing and consultancy service for of MD ACCN at CGDHQ-1 and units based at Porbandar	Geo Designs and Research (P) Ltd, Vadodara	35,000
86	Dr. S A Vasanwala	Proof checking of 3 culvert structure for Extension of Apron and Construction of Parallel tai Track at Surat	Ashish Infracon Pvt Ltd, Ahmedabad	30,000
87	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural modeling analysis, design, drawing and following works under CE Chandigarh : Preparation of structural design of Sainik Institute Foundation for work Prov'n of Sainik Institute and GE (S) Patiala at Patiala Mil Str.	Geo Designs and Research (P) Ltd, Vadodara	35,000
88	Dr. G R Vesmawala Dr. Y D Patil	Design Audit and Vetting of Structures for the project entitled as "Construction of Interchange cum Road Over bridge (ROB) at LC 236 (Kutch Salt Junction) on NH 141 (Phase-II) in the state of Gujarat under EPC Mode	Patel Construction Company, BBZ South 60, Neelkanth, Zanda Chowk, Gandhidham, Kutch, Gujarat - 370201	7,00,000
89	Dr. B Kondraivendhan	Structural Proof checking of RCC Building at FTII, Pune	Sarjan Architects & Project Consultants, Surat	45,000
90	Dr. P G Agnihotri Dr. C R Patel	Review report on flood modelling study and mitigation measures for development of National Maritime Heritage Complex at Lothal, Ahmedabad in Gujarat	R K Meena, CGM/P/ADI, Indian Port Rail & Ropeway Corporation Ltd, 4th Floor, Nirman Bhavan, Mumbai Port Trust Building, M.P. Road, Mazgaon, (E), Mumbai	3,00,000
91	Dr. P G Agnihotri Dr. Ashish Dhamaniya	Vetting the detailed project report for Jojari Riverfront Development at Jodhpur, Rajasthan.	Egis India Consulting Engineering Pvt Ltd	42,373
92	Dr. N D Jariwala Dr. K D Yadav Dr. R A Christian	Pesticide Residue Tests and Heavy Metal Test in reference to Drinking Water Standard - IS 10500-2012 from water sample	Hydraulic Department (Head Water Works), Surat Municipal Corporation, Surat	1,48,305
93	Dr. C H Solanki	Providing consultancy service regarding vetting of soil investigation report (IOCL, LG Tanks Job at IOCL Kandla, Soil Investigation report from Ms. Geostruct Engineering and Testing services.	Vijay Tanks & vessels (P) Ltd. Kandla LPG Import Plant, Indian Oil Corporation Limited, Marketing Division, K K Road, Nr. Booster Station, Kandla	60,000
94	Dr. B Kondraivendhan	Proof checking of Drawings and Design for Railway Portion of ROB at LC No. 1B and LC No. 11C	Engineering Consultants & Associates, Indore	50,000

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95	Dr. S A Vasanwala	Proof checking of building at Development of integrated group Housing facility at Anjana Tenaments (Under Redevelopment of Public Housing Scheme 2016) Anjana Tenaments, FP - 98, TP - 7, Anjana, Surat	RDB Reality & Infrastructure Limited, 1st Floor, Room No. 11/8/1, Lalbazar Street, Kolkata	4,25,000
96	Dr. B Kondraivendhan	Proof checking of various structures (Shed & Building) for Vapi Municipal Corporation	Anand V Soni, Structural Engineer & Consultancy Services, Navsari	50,000
97	Dr. Y D Patil Dr. G R Vesmawala	1). Proof checking of structure design and drawing for the construction of Depo/Workshop at Surendranagar. 2). Proof checking of structure design and drawing for the construction of New Bus Stand at Kalyanur, Jamnagar Division.	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd. Construction Branch, First Floor, Nr. Ranip Bus Terminal, Ranip, Ahmedabad.	68,950
98	Dr. Y D Patil	Proof checking of bridge design and drawing for sub structure of bridge No. 1 in connection with Kota-Bina doubling project for RVNAL	Jignesh Gandhi, Managing Director, CASAD Consultants Pvt Ltd. 101, Devashish, 14/B Jain Society, Nr. Pritamnagar, Akhada, Opp. Kochrab Ashram, Ellisbridge, Ahmedabad	25,000
99	Dr. S J Shukla	Proof checking of High Mast Foundation Civil Design and drawings (Project : Construction of Additional Tankages and Allied Facilities at Solapur Depot IOCL Pakhani)	Inframax Engineers (C/o Das Offshore Engg Pvt Ltd, Navi Mumbai)	30,000
100	Dr. S J Shukla	Structural proof checking of TOE Wall for Railway gauge conversation work between Lunidhar-Jetalsar Section	M/s. Shree Ganesh Plot No. 83, Vijay Nagar, B/h. Civil Court, Anjar (Kutch)	30,000
101	Dr. S J Shukla	Failure analysis report of damaged godown wall at Sachin, Surat	Padmanabh Mafatlal Group Navin Flourine International Ltd	6,50,000
102	Dr. S A Vasanwala	Proof Checking of missing detailed structural design and drawings of substructure & super structure with bearing of viaduct spans of DFCCIL Bridges for 32.5 ton DFC loading standard between Vaitarna-Sachin Section of Mumbai Division of Western Railway	Project Manager / Engg. DFCCIL - Valsad (Dedicated Freight Corridor Corporation of India Ltd)	8,65,000
103	Dr. S A Vasanwala	Proof checking of Pedestrian Rope Hanging Bridge at Chandrabhaga River at Jhalrapatan	Earth Foundation, 39, Chandrodaya Socieity, Stadium Road, Navjivan, Ahmedabad	60,000
104	Dr. B Kondraivendhan Dr. S R Suryawanshi	Condition assessment of Bridge, Nr. Bazaar area of Songadh Nagar Palika	Chief Officer, Songadh Nagar Palika, At & Po. Fort Songadh, Dist. Tapi - 394 670	75,000
105	Dr. K D Yadav Dr. N D Jariwala Shri Jignesh B Patel	Consultancy services to dispose additional tonnage of Hazardous waste without changing volume of existing landfill to common hazardous waste treatment facility located at survey no. 127/1, 127/2, 128, 132/1, 132/2, 131, 132/2/2, 125/6 & 125/3 village Ghaspur, Taluka: Dasad (Patdi), District: Surendranagar, Gujarat by M/s. Ecocare Infrastructures Pvt Ltd.	Ecocare Infrastructures Pvt Ltd, Ahmedabad	10,50,000
106	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of Design and drawing of Cooling Pit at Bhavnagar (Airport Authority of India)	Dajraj Soni, Second Floor, WA-29, Sakharpur, Delhi (S G Gandevikar)	25,000
107	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of design and drawing of steel structure for base of water tank at Vadodara Railway Station	Hiralal Odhavjibhai Gadhiya, Katargam, Surat (H O Gadhiya / Tribhuvan Gedia)	25,000
108	Dr. Satyajit Patel	To perform FWD (Falling Weight Deflect meter) & overlay design for (1) Bagodara Dhoka Rasikpur Kheda Road km 0/0 to 31/6 (2) Sahij Vautha Road km 0/0 to 6/2 (3) Dholka Vataman Road km 46/6 to 69/6	Dy. Executive Engineer, Construction sub Division, Dholka	2,99,200
109	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural modeling, analysis, design,	Geo Designs and Research (P) Ltd, Vadodara	75,000

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		drawing and following works under CE Delhi (Consultancy Services for structural design for sailors MD accn (72 Dus) at Nariana Bagh, New Delhi (G+12)		
110	Dr. S M Yadav	Impact study of dredged channel and channelization work done at various district of Uttar Pradesh for flood mitigation purpose	Executive Engineer, Barrage Mechanical Maintenance Division, Kanpur	16,00,000
111	Dr. J B Patel Dr. S R Gandhi	Providing Design consultancy services for work of Puna Lake at Draft T P Scheme No. 20 (Puna) O P No. 82, FP No. 11 (Pranbhic Yojana 20 Pune, F P No. 101 Lake (East Zone) Varachha, Surat	Executive Engineer, Garden Project Cell, Surat Municipal Corporation, Surat	1,65,000
112	Dr. N D Jariwala Dr. K D Yadav Dr. Jignesh B Patel	Consultancy for EMS Adequacy Certificate for expansion of TSDF site Vapi.	Vapi Green Enviro Limited, Vapi	2,25,000
113	Dr. Satyajit Patel Dr. J B Patel	Technical opinion for the reconstruction of RE wall on NH-8 in Bharuch to Surat (CH.226+200 & CH. 223+950)	E5 Infrastructure Private Limited, Plot No. B/104, Kalpvruksh Society, Opp. Yamuna Wadi, Junagadh, Gujarat-362001	1,38,000
114	Dr. S M Yadav	Impact study of dredged channel and channelization work done at various district of Uttar Pradesh for flood mitigation purpose	Executive Engineer, Barrage Mechanical Maintenance Division, Varanasi	16,00,000
115	Dr. Satyajit Patel	To carry out F W D Test on four laning to Gandhinagar-Ambaji road km 33/000 to 78/000 (with missing length), Ta. Mehsana/Visnagar, Dist. Mehsana (Pravasi Path) in Gozariya to Visnagar section at KM 34/000 to 53/600	GPC Infrastructure Ltd. 4, Vrajbhoomi Banas Dairy Road, Opp. Kuvarba School, Palanpur, Banaskantha-385001	50,000
116	Dr. Satyajit Patel Dr. S R Gandhi Dr. Jitesh Chavda	Geotechnical consultancy services for review of Geotechnical Reports, Foundation recommendation, drawings and field test reports & value engineering, Ayodhya Complex, Ayodhya	Larsen & Toubro Limited Construction Buildings & Factories PB No. 979, Mount Poonamallee Road, Manapakkam, Chennai-600089	6,50,000
117	Dr. B Kondraivendhan Dr. C D Modhera	Structural Health Monitoring Survey work with Report & Recommendation , GST Exemption	Executive Engineer, Gujarat Water Supply & Sewerage Board, Public Health Works Division, 1st Floor, "Jal Bhawan", Adajan Water Tank, Adajan Road, Surat	50,000
118	Dr. C D Modhera	Structural Design proof checking of Small Box-Culvert on Borrow Pit Crossing of Maroli Minor at Ch. 2690.0 M at Village: Chokhad (Size : 2m X 1.5m X 12m)	Deputy Executive Engineer, Vesma Irrigation Sub Division, Vesma-396475	25,000
119	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural modeling analysis, design, drawing and following works under CE Allahabad. (1) Provision of OTM ACCN for CBRN & SITC at AF STN, Gorakhpur. (20K) (2) Provision of New Ware House Facility to store spare received Ex-Abroad and Aero engines at LGS Section at AF STN Maharajpur(20K) (3) Construction of Multistorey OTM Accommodation for Logistics section and Immols server at AF STN Gorakhpur. (44K)	Geo Designs and Research (P) Ltd, Vadodara	84,000
120	Dr. S R Suryawanshi	Proof checking for Bridge No. 1092/1 for Bina-Kota Doubling Project (RCC Box type Bridge)	Shah Associates, 1005, Sakar-V, Nr. Mithakhali Rly. Crossing, Off. Ashram Road, Ahmedabad-380009	30,000
121	Dr. Satyajit Patel Dr. S R Gandhi	Preparation of Engineering Report and Vetting the report prepared by COMACODE for Kalpasar Project with site visit and attending meeting.	M/s. Costal Marine Construction & Engg Ltd. 10th Floor, Titanium Business Hub, Bhimrad, Surat.	10,32,000

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122	Shri Amit J Solanki Dr. S S Arkatkar Dr. Ashish Dhamaniya	Mix Design for Dense Graded Bituminous Macadam (DBM) and Bituminous Concrete (BC) for the work of package 1B Construction of 6 Lane (3+3) outer ring road for section Ch. 18+900 to 22+170 (3.27km) for URDCL, Surat Area.	M/s. Jayesh A Dalal, Project Management Consultant, Surat (Payment will be made by M/s. KKB Projects Private Limited)	1,00,000
123	Shri Amit J Solanki Dr. S S Arkatkar Dr. Ashish Dhamaniya	Mix Design for Dense Graded Bituminous Macadam Grade-II with Bitumen VG-40 and Bituminous Concrete Grade-I with Bitumen VG-40 for the work of package 1A Construction of 6 Lane (3+3) outer ring road for section Ch. 22750 to Ch. 27744 (5.024km) for URDCL, Surat Area	M/s. MaRS Planning and Engineering Services Pvt. Ltd. Ahmedabad. (Payment will be made by M/s. KKB Projects Private Limited)	1,00,000
124	Dr. Y D Patil	Checking the design and vetting the drawings for the construction of interim terminal building at Kushinagar International Airport	DGM (E-C) Kushinagar International Airport, Kushinagar, (Airport Authority of India)	1,50,000
125	Dr. Y D Patil	Structural proof checking of ROB. Construction of proposed 2 lane ROB in replacement of existing level Crossing No. 88 at km 113.00 (Railway Ch. 56/522) of NH-228 (New NJ-64) in the state of Gujarat	Apex Tarmac Pvt Ltd, Bypass Road, Himatnagar, Dist - Sabarkantha, Gujarat	1,50,000
126	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural design, drawings and works under Jodhpur Development Authority, Jodhpur (Krishi Mandir Circle to Akhaliya Circle via Sojati Gate in Jodhpur)	Geo Designs and Research (P) Ltd, Vadodara	7,50,000
127	Dr. Y D Patil Dr. G R Vesmawala Dr. S A Vasanwala	Proof Checking consultancy services of structural design & drawings	Executive Engineer, Ahmedabad Urban Development Authority, Ahmedabad	58,44,383
128	Dr. S A Vasanwala	Proof checking of Box Culvert & other Ancillary Structures (Construction of Border Road from BP 1175 to G-17 including protection work, Precast RCC Box Type Culverts, Modular Fencing and Flood lighting along Indo-Pak Boarder in Bhuj Sector, Gujarat	MKC Infrastructure Ltd, MKC House, 10 Shiv Nagar, Anjar Ring Road, Opp. Gulab Mill, Anjar, Kutch - 370110	1,50,000
129	Dr. C D Modhera Dr. Y D Patil	Condition assessment of A-Type and ET Hostels in NTPC Township	Manager, Tech Services, NTPC Limited, Kawas Gas Power Project, P.O. Adityanagar, Surat	1,20,000
130	Dr. Y D Patil	Structural Proof checking of Machine Foundation of IOCL at Panipat Refinery	B J Mehta Architectural & Structural Consultants Pvt Ltd.	35,000
131	Dr. S R Suryawanshi	Proof checking for High Mast Foundation	Leapfrog Engineering Services Pvt Ltd, Bangalore	35,000
132	Dr. G R Vesmawala Dr. Y D Patil Dr. D C Modhera	Proof checking of design and drawing of construction of bridge over river Banas of Gahlod Ghat on Tonk Gahlod Janwali Naner Road (MDR-205) (Chainage 3/0 to 5/0) in district Tonk	Thoughts Consultants Jaipur Pvt Ltd	2,00,000
133	Dr. B Kondraivendhan	Consultancy service regarding condition assessment of residential quarters building opposite to Gujarat Gas Office, Bharuch (Vanvihar Colony, Bharuch, Kanabivaga, Opp. Gujarat Gas Office)	Dy. Conservator of Forest Social Forestry Division, Bharuch	1,75,000
134	Dr. Y D Patil Dr. G R Vesmawala	Investigation report for existing bridge "Newoprence Bearing for Six Laning from existing km 494.410 (design Ch. 540.595) to existing km 509.550 (design ch. 555.905) of NH-8 in state of Gujarat (length 15.310 km) on EPC Mode NHDP Phase-V	KCC Buildcon Private Limited, Gandhinagar, Gujarat	40,000
135	Dr. B Kondraivendhan Dr. C D Modhera	Providing Consultancy Service regarding condition assessment of existing unused old Civil structures. (Various buildings at Chavaj, Karmali, Nand, Palej, Vilayat, Sudiora, Samni, Vadiyad)	Dy. Executive Engineer, Public Health Sukhakari Sub Division, Bharuch	4,90,000

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136	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar Dr. Amit J Solanki	Providing Third Party Inspection (TPI) service for the construction of Bitumen road work from subgrade to wearing course for society roads and trench works as per MoRTH-2013 in D.T.P. Scheme No 61 of Subzone-B at South East Zone (Limbayat)	South East Zone (Limbayat), Surat Municipal Corporation, Surat	4,19,375
137	Dr. Y D Patil Dr. C H Solanki	Visual Inspection and Condition Assessment Report for overhead water tank at Navsari Agriculture University, Navsari	Dr. N B Patel, Research Scientist & Unit Head, Animal Research Center, Navsari Agriculture University, Navsari	40,000
138	Dr. B Kondraivendhan	Structural condition assessment of building (parking plus four storied fully residential "A" & "B" wings of Vinayak Enterprise, Surat	Vinayak Enterprise, Opp. Yogi Darshan Apartment, B/h. Atop Nagar, Bhatar Road, Surat	70,000
139	Dr. C D Modhera Dr. Y D Patil	Structural design proof checking of small box culvert on different canal of different size (size 2m x 1.50m) on borrow pit/canal crossing of different length (1 Box culvert of 4m length, 2 Box culvert of 9m length & 1 Box culvert of 12m length)	Dy. Executive Engineer, Vesma Irrigation Sub Division, Vesma - 396475	1,20,000
140	Dr. C D Modhera Dr. S A Vasanwala	Providing consultancy service for condition assessment of school building of Govt. Primary School No. 1 situated at near Shreeji Store, Diu & Toilet Block Gandhipara, Diu	Municipal Engineer, Diu Municipal Council, Fort Road, Diu-362520	80,000
141	Dr. C D Modhera Dr. S A Vasanwala	Providing consultancy service for condition assessment of school building of Govt. Primary School situated at Fudam, Diu	Municipal Engineer, Diu Municipal Council, Fort Road, Diu-362520	80,000
142	Dr. C D Modhera Dr. S A Vasanwala	Providing consultancy service for condition assesement of building of Old Fish Market situated near Recreation Park, oppoiste Jethibai Bus Station, Diu	Municipal Engineer, Diu Municipal Council, Fort Road, Diu-362520	50,000
143	Dr. C D Modhera Dr. S A Vasanwala	Providing consultancy service for condition assessment of DMC Sub Office Building at Panchayat Chowk, Ghoghla, Diu	Municipal Engineer, Diu Municipal Council, Fort Road, Diu-362520	50,000
144	Dr. C D Modhera Dr. J B Patel	(1) Proof checking of Gabion wall and design of embankment stability for construction of border from BP 1135 to 1142 (2) Proof checking of design of smart fence against overturning for construction of border from BP 1135 to 1142 (3) Proof checking of design of RCC Precast box culverts for construction of border from BP 1135 to 1142	Dineshchandra R Agrawal, Infracon Pvt Ltd, Ahmedabad	2,25,000
145	Dr. K D Yadav Dr. P V Timbadiya	Proof vetting of hydraulic and process design of 216 MLD output capacity of water treatment plant along with GA in the work of Bisalpur Jaipur Water Supply Project, Stage-II (Phse-I) (NIT No. 02/2019-20)	The IHP Co Ltd & GCKC JV, Jaipur	2,25,000
146	Dr. Y D Patil Dr. G R Vesmawala	Providing consultancy services for proof checking of structural designs and drawings including suggestions/remedial measures if any, for construction of 12 lacs litres capacity 24 m staging height elevated service researvoir (ESR-14) at R-22, TP-77 (Dumas-Bhimpore-Gaviar) in South West (Athwa) Zone, Surat	Hydraulic Engineer, Surat Municipal Corportaion, 3rd Floor, Dr. Ambedkar Shopping Centre, Man Darwaja, Ring Road, Surat	1,41,848
147	Dr. S A Vasanwala	Proof checking of structural design & drawings of proposed construction of bridge @ 22 m (L) x 7 m (B) over BBMP Strom water Drain @ Doddanekkundi area of ARDC-ACD, HAL, Bangalore	Rancon Consultants, Navi Mumbai	35,000
148	Shri Amit J Solanki	Mix Design of Bituminous Concrete Grade-II for the work of construction of Bitumen Road layers from sub grade to binder/wearing coarse on internal roads of different soceties and for reinstatement of	M/s. A K Patel & Co (Construction) Private Limited, Surat	50,000

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
		trench lines falling in west zone (Rander) of Surat city by contractor's own batch mix type hot mix plant and WMM to be installed within Surat City Limited with Manual Operated Paver Finisher including Construction/Repair of footpath, divider, water table and providing & laying/fixing of pavement marking, road studs, road signages with other traffic safety measures (Work No. 18)		
149	Shri Amit J Solanki Dr. S S Arkatkar Dr. Ashish Dhamaniya	Mix Design for Dense Graded Bituminous Macadam (DBM) and (1st Layer-65 mm & 2nd Layer 60 mm) and Bituminous Concrete (BC-50 mm) for the work of Package IC Construction of 06 Lane (3+3) outer ring road for section Ch.12+850 to 15+900 (3.05 km) for URDCL, Surat area	M/s. Jayesh A Dalal, Project Management Consultant, Surat (Payment will be made by M/s. KKB Projects Private Limited & M A Patel JV)	1,00,000
150	Dr. G R Vesmawala Dr. Y D Patil	Proof checking of design and drawing of Tungabhadra major bridge at KM 279 + 500 (Six Lane of Devangere - Haveli Section KM 260 + 000 to KM 338 + 923 of NH - 48 (Old NH-4) in the State of Karnataka to be executed as "HYBRID ANNUITY PROJECT" on DBFOT under NHDP Phase-V	Sai Sysra Group, (Sai Consulting Engineers Pvt Ltd) Ahmedabad	1,50,000
151	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of Design and drawing of operation dormitory building	Heritage Infracon (Tribhuvan Gedia) 98, Kavita Raw House-2, Varachha Road, Surat	25,000
152	Dr. S R Suryawanshi	Proof checking of Design and drawing of box pushing method technology between Tiruvottiyur and Wimco Nagar Stations, Chennai	GHAJ Construction Limited, Flat No. 402, Sri Veeranjanya Residenc, Srinivasa Nagar Colony, A S Rao Nagar, Kapra, Hyderabad - 500062	1,25,000
153	Dr. S R Suryawanshi	Design vetting of Transmission Line Monopole with Foundation for 132 kv/220 kv double circuit monopole	Transrail Lighting Limited	1,10,000
154	Dr. S S Arkatkar	Core test and report for the work of Four Laning of Kodinar-Veraval Section from km. 221.610 to Km. 263.000 (Design Chainage from Km 222.400 to Km. 263.180) and from Km. 120.900 to Km. 121.150 of (NH8D0 (Package VI) in the state of Gujarat on Hybrid Annuity Mode	National Highway Authority of India (Payment will be made by M/s. Agroh Kodinar Veraval Highway Pvt Ltd)	50,000
155	Dr. S R Suryawanshi	Structural condition assessment report for the damage hospital building of Tristar Hospital, Athwagate, Surat	Director, Tristar Hospital, Athwagate, Surat	80,000
156	Dr. B Kondraivendhan	Structural condition assessment of fired damaged industry	Jyoti Enterprise, Plot No. 8, Block No. 211, Mota Borsara, Tal Mangrol, Dist Surat	30,000
157	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of bearing drawings and design calculations	Ashish Bridgecon Pvt Ltd 211, Shivam Complex, Opp Hetarth Party Plot, Science City Road, Sola, Ahmedabad - 380060	33,898
158	Dr. C D Modhera Dr. J N Patel Dr. V L Manekar	Proof checking of Design of Hydraulic RCC Structures (1) STP 10 MLD and 12 MLD (2) Pumping Station (6 Nos.) (3) Weir (6 Nos.)	Dream Construction Survey No. 598/1, Raghuvanshi Nagar, Nr. Khodal Mata Mandir, Nandurbar - 425412	3,30,000
159	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Providing Third Party Inspection (TPI) services for the work of the Construction of Cement Concrete roads of various societies in West Zone (Rander)	West Zone (Rander) Zone, Surat Municipal Corporation, Surat	1,36,338
160	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of structural design and drawing for ROBS (Rs. 100000 x 4 Nos)	Ravi Infrabuild Projects Pvt Ltd Director (Technical), Udaipur, Rajasthan India 313001	4,00,000
161	Dr. A M Parghi	Providing proof checking consultancy services for the project of construction of RCC Box Drain at existing creek in TP	Executive Engineer, East Zone-A (Varachha), Surat Municipal Corporation, Near	1,21,991

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		Scheme No. 03 (Karanj) in East Zone-A, Varachha (From Bombay Market to Archana School Road) Gosai Circle to South side connection existing Koyli Khadi	Saifi Society, Varachha, Surat	
162	Dr. S R Suryawanshi	To check the remedial measures suggested by client Civil Consultants for Retrofitting of under ground water tank located at 25 KM near Gandhidham in Kutchh District	Sumilon (SAJ Industries Private Limited), 6/121 Paiki Plot No. 9-10-11, 2nd Floor, Vairangi ni Wadi, Delhi Gate, Surat-395003	1,00,000
163	Dr. Dilip A Patel Area expert will be include as and when required	Consultancy services for preparing detailed report (including of rate analysis and specification) for use of various recycle products from construction and demolition (C&D) waste management processing facility (PPP Basis) at Kosad, Surat	Drainage Dept., Surat Municipal Corporation, Surat	2,00,000
164	Dr. P L Patel Dr. P V Timbadiya Dr. Y D Patil	Vetting of design and drawing of (1) CSY-NHRB @ 291.706 Km of Kachchh Branch Canal (Package IR-11-12) (NH Chainage 61+880) () NHRB @ 296.681 Km of Kachchh Branch Canal (Package IR-13-14) (NH Chainage 66+880)	Executive Engineer, Kachchh Branch Canal Dn-2/7, Gandhidham	3,50,000
165	Shri Amit J Solanki Dr. S S Arkatkar Dr. Ashish Dhamaniya	Mix design for Dense Graded Bituminous Macadam (DBM) (125 mm thickness) and for Bituminous Concrete (BC) (50 mm thickness) for the work of Package 1-D Construction of 06 Lane (3+3) outer ring road for section Ch.10+450 to 12+850 (2.4 Km) for URDCL, Surat area	M/s. Jayesh A Dalal, Project Management Consultanct, Surat (Payment will be made by M/s. Y N Dhanani (Engg. & Road Builders)	1,00,000
166	Dr. Kashyap A Patel	Technical advice on cover sufficiency for FSC Precast drains and Box Culverts	FUJI Silvertch Concrete Pvt Ltd, Ahmedabad	30,000
167	Dr. S A Vasanwala	Proof checking of structure design for building at Tarsad, Kosamba, Surat	Dev Consultant Engineer & Interior Designer B/501, Tirupati Plaza, Nanpura, Surat	30,000
168	Dr. V L Manekar Dr. S R Suryawanshi	Approval for design of Culvert over mini khadi at Rajhans Zeto at village Vesma, N H 08, Dist Navsari	Rajhans Infracon (I) Pvt Ltd, Surat	50,000
169	Dr. P V Timbadiya	Providing Third Party Inspection (TPI) for the construction of Gated Structure on various storm drainage outlet locations from Vraj Chowk to Saketdham Creek Junction for augmentation of Puna Sewerage System under East Zone (Varachha) Drainage Zone, SMC	Drainage Dept., Surat Municipal Corporation, Surat	1,29,459
170	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Random Vigilance checking for the work of Carpet/Recarpet of 24.00 mt and above 24.00 mt wide T.P. Roads of Surat Municipal Corporation with use of Shredded Plastic Waste	Road Development Department, Surat Municipal Corporation, Surat	1,69,492
171	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the strructural modeling analysis, design, drawings and work under CE Mumbai (1) Consultancy services under ground sumps capacity 4125000 litres (2) UG Sump of capacity 2160000 litres at Navy Nagar, Colaba, Mumbai	Geo Designs and Research (P) Ltd, Vadodara	25,000
172	Dr. G R Vesmawala Dr. Y D Patil	Proof checking of design and drawing for the design of G+2 RCC Frame structure	Heritage Infracon (H O Gadhiya, Surat)	25,000
173	Dr. G R Vesmawala Dr. Y D Patil	Proof checking work for construction of road over bridge and approaches of ROB in lieu of LC No. SPL-85 at Railway km 125/2-3 on Bathinda - Suratgarh section on SH - 94 in Polibanga in the district of Hanumangarh in the state of Rajasthan	Strength Engineering Services Pvt Ltd., Jaipur	1,40,000
174	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamnaniya	Road Safety Audit services for the work of BRTS Corridor Kumbhariya (Saroli) to Kadadoara : (with expphasis on Kadodara to Vareli Patiya)	Traffic - BRTS Project Cell, Surat Municipal Corporation, Surat	1,00,000

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175	Dr. Y D Patil	(1) Proof checking of structural design and drawing for the construction of guest House Building (50K+GST) (2) Proof checking of structural design and drawing for the construction of Hindi and Sanskrit Building (230K+GST)	The Registrar, Veer Narmad South Gujarat University, Surat	2,80,000
176	Dr. Jitesh T Chavda Dr. C H Solanki	Design checking of sheet pile wall work at Hazira Port, Grim Tech, Surat	S K Agarwal, Grim Tech, Managing Director, 1110 Royal Trade Centre, Adajan Hazira Road, Surat	25,000
177	Dr. Satyajit Patel Dr. S R Gandhi Dr. Y D Patil Dr. Jitesh Chavda	Providing consultancy services to provide recommendation on design wind speed and suitable foundation options with design of Horizontal Single Axis Tracker System (HSAT) for Solar Power Project at Khavda, Gujarat as per scope of work	Adani Green Energy Limited, Adani Corporate House, Shantigram, S G Highway, Near Vaishno Devi Circle, Khodiyar, Ahmedabad - 382421	3,50,000
178	Dr. S R Suryawanshi	Consultancy service regarding condition assessment of Welcome Gate at Umargam Sanjan Road	Chief Officer, Umargam Nagar Seva Sadan, At & Post - Umargam, Ta Umargam, Dist Valsad	40,000
179	Dr. Y D Patil Dr. G R Vesmawala	Providing proof checking consultancy service for the work of Construction of Shopping Centre at T P S No. 24 (Mota Varachha - Utran) F P No. 167 (R-16) (Stable for Commercial) in New East (Varachha) Zone-B, Surat	Executive Engineer, New East (Varachha) Zone - B, Surat Municipal Corporation, Surat	1,48,459
180	Dr. Y D Patil Dr. S A Vasanwala Dr. C D Modhera Dr. G R Vesmawala Dr. Vishisht Bhaiya Dr. Kashyap A Patel	Proof checking of structural design of EWS-II dwelling units under PMAY on EPC Bases. (1) TP-62 (Dindoli-Bhestan-Bhedwad) FP 173 (R-5) (2) TP-48 (Bhestan), FP-85 (3) -8 (Palanpore), FP-131 (4) TP-10 (Adajan), FP-17 (5) TP-27 (Utran-Kosad), FP-178	Executive Engineer, Slum Upgradation Department, Old Zone Office, Tadwadi, Rander Road, Surat	33,10,300
181	Dr. S A Vasanwala	Proof checking of Bridge Structure design and drawing on Dhamtari SH-23 (Construction of Bridge on Budeni Nayapara Parsavani Magarload Mohandi Borsi Bhoyena Road (Dhamtari SH-23) Package-16	Montecarlo Limited, Ahmedabad	60,000
182	Dr. S R Suryawanshi	Proof Checking of Flyover and it's all other components (design and construction of flyover and junction development at Tatibandh Chowk at Km 281.700 on Raipur - Aurang Section of NH-06 in the state of Chhatisgarh as Standalone Project on EPC Mode	CHEVROX Constructions Private Limited. 909, 9th Floor, Times Square Arcade, Opp. Rambaug, Near Ravija Plaza, Thaltej - Shilak Road, Thaltej, Ahmedabad	4,00,000
183	Dr. S A Vasanwala	Proof checking of Design and drawing for the construction of Bridge on River Tapi joining Ved Variyav Area in Surat on EPC Basis (Ramp portion)	Vijay M Mistry Construction Pvt Ltd (Executive Engineer, Bridge Cell, SMC, Surat)	60,000
184	Dr. B Kondraivendhan	Proof checking of structural design of steel super structure of over land belt conveyer over Nallah Point at CH: 4404.70 M (single private siding)	J K Cement Ltd, Padam Tower, 19, DDA Community Center, Okhla Phase-1, New Delhi-110020	25,000
185	Dr. Y D Patil	Proof checking and vetting of structural design of Water Treatment Plant for Bisalpur Jaipur Water Supply Project Stage-II, District Jaipur	The IHP Co Ltd & GCKC JV, Jaipur (Payment to be made by M/s. Patel Filters Infrastructure)	1,85,000
186	Dr. Ashish Dhamaniya -	Proof checking of road and structural drawing of CPWD Project	Apeksha Consultants and Constructions Services, Jaipur	25,000
187	Dr. Y D Patil Dr. C H Solanki	Visual Inspection and Condition Assessment Report for existing administrative building at Tanchha Centre of NAU, Bharuch District, Ta. Amod (Bharuch-Jambusar Road)	Executive Engineer, Navsari Agriculture University, Navsari	42,000
188	Dr. Shailendra Kumar Dr. J B Patel	Investigation and testing of soil for soil bearing capacity for design of foundation	Executive Engineer, Bhadbhut Project Division No. 1,	2,52,000

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		for Office Building at Bharuch for Bhadbhut Project Circle	Vadodara Bhadbhut Project Division No. 1, Kanabivaga, Bharuch-392001	
189	Dr. Satyajit Patel Dr. J B Patel	To carry out FWD test and recommendation of overlay thickness for various roads (1) Tarsada Kadod Bardoli Sarbhon Navsari Raod. Km 64/6 to 68/0 (2) Kadod Balda Dhamodla Road. Km 0/0 to 7/400 (3) Mahuva Anaval Raod. Km 15/300 to 28/960 (4) Vanskui Sanvalla Road Km 10/800 to 20/200	Dy. Executive Engineer, Bardoli (R&B) Sub Division, Bardoli	1,76,000
190	Dr. V L Manekar Dr. C D Modhera	Review of proposed wells connected with Box Culvert at Rajhans Zesto.	Rajhans Infracon (I) Pvt Ltd, Surat	30,000
191	Dr. Satyajit Patel -	To perform FWD (Falling Weight Deflectometer) test for Fedra Dhandhuka Barwala Raod (82/300 to 133/200) SH-1	Dy. Executive Engineer, Road & Building Sub Division, Dhandhuka	2,80,500
192	Dr. R Suryawanshi	Carryout the condition assessment of Nagarpalika Amod Building (Load Bearing Structure)	Chief Officer, Amod Nagarpalika, Dist. Bharuch	59,000
193	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of proposed PEB Shd at Mahul, Chembur	New Life Steel Structures, Unit No 1308, 13th Floor, Ecostar, Dhanesh Compound, Sir Vishweshwar Nagar, Off. Aarey Road, Goregaon (East) Mumbai, Maharashtra-63	50,000
194	Dr. G R Vesmawala Dr. Y D Patil	Vetting of the structural audit report for the following works under CWE No. 2, Port Blair (Outsourcing of consultancy service for carrying out structural audit for rehabilitation for the building no.s P305A, P-315, P-322, P-323, P-325, P-326, P-482, P-483, P-67, P-68, P-70, P-71 & P-203/01 to 05 at Brichgunj MIL station, Port Blair	Geo Designs and Research (P) Ltd, Vadodara	30,000
195	Dr. Satyajit Patel	To carry out F.W.D. Test on two roads (1) Harij - Loteshwar Road km 0/000 to 17/750, Ta- Harij, Dist - Patan (2) Patan - Shihori Road km 9/460 to 34/000 to Saraswati, Dist - Patan	MCWAY MANAGERMENTS LIMITED, Plot No. 1055, Sector- 2/D, Gandhinagar, Gujarat 382007	1,20,000
196	Dr. G R Vesmawala	Proof checking consultancy service for the work of construction of new Suman School Building (Udiya Medium) at open ground of Krishna Nagar Schoool No. 221, 254 at TPS No. 57 (Padesara), FP -37, R-2, in South Zone (Udhna), Surat	Executive Engineer, South Zone (Udhna), Surat Municipal Corporation, Opp Satyanagar, Udhna	1,10,652
197	Dr. Satyajit Patel Dr. S R Gandhi Dr. Jitesh T Chavda Dr. Ankesh Kumar	Vetting/Reviewing/Approval of intake Exacavation Profile Desing and Drawing of Satna Water Supply Project at Madhya Pradesh	L & T Construction	3,30,000
198	Dr. K D Yadav Dr. P V Bhale Dr. R D Shah Dr. Prabhansu	Hiring of 04 No. Vehicle Mounting Suction cum Jetting with recycling facility (extendable up to 08 Nos.) for cleaning/desilting of sewer Drain lines of Surat Municipal Corporation on Build, Own and Operate (BOO) basis for period of 07 years. (Extendable up to 10 years)	Drainage Dept., Surat Municipal Corporation, Surat	14,50,000
199	Dr. Y D Patil Dr. G R Vesmawala	Proof checking of RCC Box Culvert at Ch. 18290 mt. on Sena Khadi at Village Andhi, Ta Olpad, Dist Surat	Shyama & Shyam Co-op Housing Society Limited, At & Po - Andhi, Ta Olpad, Surat	30,000
200	Dr. P V Timbadiya	Third party vetting and approval for the detailed project report for Storm Water Drain of Consultancy for Planning, Designing and Estimation of Storm Water Drainage System and Ground Water Recharge System at GE AF STN UTARLAL	Geo Designs and Research (P) Ltd, Vadodara	1,00,000
201	Dr. Satyajit Patel	Site visit & advice regarding the SBC Improvement for the construction of	Eagle Infra India Ltd., Ulhasnagar, Eagle Nest,	50,000

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		abutment for VUP of Nasik Sinner Highway NH-60	Behind Chopra Court, Ulhasnagar-421003, Dist-Thane (Maharashtra)	
202	Dr. G R Vesmawala Dr. Y D Patil	Proof checking consultancy service of the structural design and drawing for the construction of vending market building at T P Scheme No. 28 (Althan-Bhatar), FP No. 115. (Basement+Ground Floor+First Floor RCC Construction)	Executive Engineer, South West (Athwa) Zone, Surat Municipal Corporation, Beside Adarsh Bhavan, Athwalines, Surat	2,02,410
203	Dr. K D Yadav Dr. R A Christian Dr. N D Jariwala	Testing and Sampling Charge of Solid Waste Slurry at Bhatar Bio Gas Power Plant	Drainage Dept., Surat Municipal Corporation, Surat	96,600
204	Dr. C D Modhera Dr. Y D Patil	Carrying out structural condition assessment of building "log hut rest house, saputara"	Dy. Conservator of Forest, South Dang Division, Ahwa	50,000
205	Dr. Satyajit Patel	FWD Test on Nana Pondha to Vapi NH-48 joining section	Mattest Engineering Services, Surat	25,000
206	Dr. Jitesh T Chavda Dr. C H Solanki	Proof checking of Foundation design and drawing of OP Tower of BOP 1170	Executive Engineer, Border Fencing Circle-II, Bhuj, CPWD, 79 - BN, BSF Campus, Mundra Road, Bhuj, Gujarat	35,000
207	Dr. Jitesh T Chavda Dr. S R Gandhi Dr. Ankesh Kumar	Analysis of Foundation Design for the shpere of unity (Titanium Sphere, Installed near the bank of River Yamuna at Park under Central Vista Avenue Project, New Delhi	CCE R&D Central DRDO, Development Enclave, Rao Tula Ram Marg, Behind Army HQ Camp, Cantt, South East, Delhi	50,000
208	Dr. P G Agnihotri Dr. J N Patel	Providing the Silt Factor of Soil by Collecting the Soil Samples at every 05 mtr Internal with a depth of bore at 5.00 mtr at village Valak, Surat	Office of the Executive Engineer, Drainage Division No. 2, Surat	75,000
209	Dr. J B Patel	Proof checking of Gabion Wall (Reinforced Soil Wall) for Vapi Municipal Corporation at Solid Waste Management site.	Anand V Soni, Structural Engineer & Consultancy Services, Navsari	1,92,000
210	Dr. Satyajit Patel	To carry out FWD Test on Radhanpur Lodra Morvada road km 00/000 to 25/000 (SH 861)	MCWAY MANAGERMENTS LIMITED, Plot No. 1055, Sector- 2/D, Gandhinagar, Gujarat 382007	65,000
211	Dr. Satyajit Patel	To carry FWD Test on Three Roads (1) Kehroj - Demti - Kotda to Rajasthan Border (SH No. 148) km 10/000 to 24/000 (2) Vijaynagar to Rani Vav to Dist. Limit km 00/000 to 06/200 (3) Valasana to Ider Road km 00/000 to 25/000	MCWAY MANAGERMENTS LIMITED, Plot No. 1055, Sector- 2/D, Gandhinagar, Gujarat 382007	1,30,000
212	Dr. K D Yadav Dr. N D Jariwala	To prepare HAZOP Study report, root cause analysis report analysis report and action plan in reference to closure order dated 04.02.2021 passed by unit head Mehsana of GPCB	Raj Chem Industries, Mehsana	2,30,000
213	Dr. Satyajit Patel Dr. S R Gandhi Dr. Jitesh T Chavda	MLRT- Consolidation settlement analysis and recommendation of remedial measures at Caudan Ramp at Mauritius	Larsen & Toubro Limited, Building & Factories, Mount Poonamallee Road, Manapakkam, Chennai - 600089, India	2,50,000
214	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and vetting of the design calculation and drawing for the storm water drain works under CE Bareilly (Provision of ADM Block Garh Rif Regt Centre at Lansdowne)	Geo Designs and Research (P) Ltd, Vadodara	28,125
215	Dr. G R Vesmawala Dr. Y D Patil	Professional advice and guidance on the structural modeling, analysis, design, drawings and works under CEW, Navy, Vasco (Provision of deficient office space at Flight Testing Squadron INAS 522 at INS Hansa)	Geo Designs and Research (P) Ltd, Vadodara	27,345
216	Dr. G R Vesmawala Dr. Y D Patil	Vetting Auditorium Design and drawings at INS Kadamba, Karwar	Chief Engineer (Navy) Mumbai, 26 Assay Building, Colaba,	1,50,000

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			Mumbai - 400 005	
217	Dr. G R Vesmawala Dr. J B Patel	Proof checking / vetting of pile foundation design	Ahmedabad Engineering Research Institute, Ahmedabad	30,000
218	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar	Providing consultancy service to check feasibility of B.R.T. bus shelter at (1) under Delhigate Bridge, near Lal Darwaja (2) Under Katargam Darwaja Bridge and (3) Under Star Bazar Bridge.	Traffic - BRTS Project Cell, Surat Municipal Corporation, Surat	4,50,000
219	Shri Amit J Solanki Dr. G J Joshi Dr. S S Arkatkar Dr. Ashish Dhamaniya	Random Vigilance checking (for One Year Duration) for the work of Construction of C.C. Road linking Varachha main road and Vallabhacharya road having width as per T.P. of 9.0/7.50 mt. passing between F. Plot No. 134 and 132/133 at T.P. Scheme 17(Fulpada) in East (Varachha) Zone	Road Development Department, Surat Municipal Corporation, Surat	1,69,492
220	Shri Amit J Solanki Dr. S S Arkatkar Dr. Ashish Dhamaniya	Mix design for the work of Four lanning of Unai-Buhari-Valod-Madhi-Mandavi Road Km. 102.200 to 128/0, Dist. Tapi.	Dy. Executive Engineer, Construction (R&C) Sub Division, Vyara	36,000
221	Dr. Ashish Dhamaniya Dr. G J Joshi Dr. S S Arkatkar Shri Amit J Solanki	Third Party Inspection (TPI) for the work of Construction Cement Concrete road of Girdhardwar Co.Op.Hou.Soc.Ltd. Vibhag-3 at T.P.S. No. 36, F.P. No. 31,32,35 of South West (Athwa) Zone	South West (Athwa) Zone, Surat Municipal Corporation, Surat	44,000
222	Dr. G R Vesmawala Dr. Y D Patil	Proof checking of Design and drawing for the construction of Creek Bridge on FP 151 in draft TP Scheme No. 47 on 18 m wide Road for Surat Urban Development Area.	Executive Engineer, Surat Urban Development Authority, Surat	1,73,910
223	Dr. Satyajit Patel	To perform FWD (Falling Weight Deflectometer) test (Gandhinagar Mahud Road km 4/00 to 36/00)	Executive Engineer, Capital Project Division No. 3, Gandhinagar	2,99,000
224	Dr. G R Vesmawala Dr. Y D Patil	Proof checking work for design and reconstruction of part railway RUB No. 593 near Priyalaxmi Mill/Platform No. 7 of Vadodara Railway Station in connection with MAHSR	Rakesh Construction Company	45,000
225	Dr. S S Arkatkar Dr. Ashish Dhamaniya	Third Party Inspection (TPI) for the work of Construction of Four Lane Flexible Pavement starting from Chainage 0.00 m at Kamrej to Surat Road to Chainage 1980.00 m at Vav-Kamrej (Canal) Road, T.P. Scheme 40 (Navagam), 30m Row Road for Surat Urban Development Authority.	Surat Urban Development Authority, Surat	2,77,490
226	Dr. S S Arkatkar Dr. Ashish Dhamaniya	Third Party Inspection (TPI) for the work o (1) Construction of Four Lane Flexible Pavement starting from Chainage 0.00 m at Pasodara Village Road ending to Chainage 1770.00 m at NH-08 road, T.P. Scheme 45 (Navagam-Vav) and 40 (Navagam), 24m Row road for Surat Urban Development Authority. (2) Construction of slab Culvert on existing Khadi and approach road up to NH-48 with protection work for 24.00m R.O.W. road in T.P.S.40, F.P.5 (Navagam) in Surat Urban Development Area.	Surat Urban Development Authority, Surat	2,70,033
227	Dr. J N Patel	Consultancy services for Planning and Designing of Flood Management System at CGDHQ-15, Okha	Garrison Engineer (I) CG, Military Engineering Services, DHQ No. 01, Porbandar.	1,60,000
228	Dr. J N Patel	Consultancy services for Planning and Designing of Rain Water Harvesting at CGDHQ-15, Okha	Garrison Engineer (I) CG, Military Engineering Services, DHQ No. 01, Porbandar.	1,60,000
229	Dr. G R Vesmawala Dr. Y D Patil	Consultancy service regarding condition assessment of Kaukawala Estate Building situated at Moje : Udhna, Udhynagar Road No. 4, Udhna, Surat	Taiyabbhai Ismailbhai Kaukawala & Other, Residence - 3/828, Kaukawala Mension, Muchhala, Po. Navapura, Surat	75,000
230	Dr. Y D Patil	Proof checking of Design & Drawing for construction of New Bus Depot at	Chief Construction Engineer, Gujarat State Road Transport	67,407

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
		Shankheshwar in Ahmedabad Division	Corporation Ltd. Construction Branch, First Floor, Nr. Ranip Bus Terminal, Ranip, Ahmedabad.	
231	Dr. G R Vesmawala Dr. Y D Patil	Structural assessment of Shashwat Co-Op Housing Society Ltd located at Parle Point, Athwalines, Surat.	Shashwat Co-Op Housing Society Ltd, Near Parle Point, Athwalines, Surat-395007	60,000
232	Dr. G R Vesmawala Dr. Y D Patil	Carrying out structural assessment of building of Monginis Foods Pvt Ltd, Udhna, Surat	Monginis Foods Pvt Ltd, Udhna, Surat	50,000
233	Dr. G R Vesmawala	Structural conditions assessments for fire damage industries (Labdhi Prints, Surat)	Labdhi Prints, S. No. 1301-A, Ashwanikumar Road, Surat	1,50,000
234	Dr. Ashish Dhamaniya Dr. Kashyap A Patel	Proof checking of Road and Building (Structure) designs of Border Roads Organization Projects	Apeksha Consultants and Constructions Services, Jaipur	75,000
235	Dr. C H Solanki	Proof checking of documents and drawings of GTI Drawing & GTI Report for detailed GeoTechnical Investigation work for construction of Staff Quarters at NPCIL, Banswara	Geo Engineering Services, Vadodara	1,20,000
236	Dr. K D Yadav Dr. Y D Patil	Technical vetting of DPR and Drawing submitted by M/s. Shree Shyam Construction Co. for provision of STP (200 KLD) for MAP Phase-II at Ahmedabad by IIT/NIT as per E-in-C's policy letter No. 86435/Misc/E4 (U3) dated 19.05.2017	Garrison Engineer (A), Camp Hanuman, Ahmedabad	1,95,000
237	Dr. P V Timbadiya	Vetting of design of Sewer System upto STP/Septic tank in two pockets at AFS Hakimpet	Venu Consultants Private Limited, Ahmedabad	50,000
238	Dr. Ashish Dhamaniya Dr. Amit J Solanki	Random Vigilance Checking for construction of road layers from sub grade to bider/wearing curse having width below 24.00 mt. road falling in old area of North Zone (Katargam) of Surat City by Contrator's own Batch Mix type hot mix plant and W.M.M. plant to be installed within surat city limit with sensor operator paver finisher including construction/repair of footpath, divider, water table and providing and laying/fixing of pavement markings, road studs and signages with other traffic safety measures	North Zone (Katargam), Surat Municipal Corporation, Surat	3,00,000
239	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya	Consultancy services for designing of various junctions on Unai-Buhari-Madhi-Mandavi Road (ESH-05) Ch. 102/20 to 128/00 per Road Safety	Road and Building Division, Tapi	6,00,000
240	Dr. G J Joshi Dr. Ashish Dhamaniya Dr. S S Arkatkar	Consultancy services for design of 4 (four) Junctions/Intersections at various location in Dream City	Diamond Research and Mercantile City Limited, Surat	10,00,000
241	Dr. C H Solanki	Proof checking of Reinforced Soil Wall Drawing for the construction of two lane ROB in leiu of LC No. 01 of 1*45 steel girder + 18*24 PCS Girder & RCC sub structure between Phulera - Sambhar section of Jaipur Division	C-Phi Consult Pvt Ltd, Ahmedabad	30,000
242	Dr. B Kondraivendhan	Consultancy service regarding opinion fo radoption of cast in-situ down stand in place of precast down stand for installation of elastomeric bearings in Gardient (Slopes) Type Bridge (Via Duct) Construction	Nagappa Hebhi, Additional General Manager, Gujarat Metro Rail Corporation Ltd, First Floor, SUDA Bhavan, Vesu, Surat	25,000
243	Dr. Y D Patil Dr. G R Vesmawala	Third Party Inspection work for Terrace Water Proofing work at Art Gallery Building in VNSGU Campus, Surat	Registrar, Veer Narmad South Gujarat University, Surat	25,000
244	Dr. Y D Patil	Proof checking consultancy service for the work of refurbishment and extension of old	Executive Engineer, East Varachha - Zone-A, Surat	1,24,953

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
		transport godown office as shelter and construction of new shelter building at PS No. 53 (Magob-Dumbhal), FP No. 88 in Old East (Varachha) Zone- A, Surat	Municipal Corporation, Surat	
245	Dr. Y D Patil Dr. G R Vesmawala	Review of the design of G+2 storey building at Valsad	Tribhuvan Gedia, Surat	45,000
246	Dr. S A Vasanwala Dr. C D Modhera	Proof checking / vetting of design documents and building drawings for NIPER, Gandhinagar Campus (1) CIF & Admin Building (2) CB & Regulatory building (3) Boy's Hostel (4) Girl's Hostel (5) Ph.D. Students Hostel (6) Animal House (7) Dining Area (8) Director's Bunglow (9) Guest House	Addl. GM (Engg), Zone Head (West Zone), Hindustan Steel Works Construction Limited, Mumbai	5,00,000
247	Dr. S R Suryawanshi	Proof checking consultancy service regarding proof checking of design and drawing of Gate Lodge (New Relay and Power Room) at Morai Fatak	Ansh Enterprise, Navi Mumbai	25,000

Department Of Electrical Engineering (DoEE)

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
1	Dr. H G Patel Prof. M N Bhusavalwala	TPI of street light project of Sachin - Vanz	Surat Urban Development Authority	36,582

Department Of Mechanical Engineering (DoME)

Sr. No.	Name of PC & affiliating Departments	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Total Amount (Rs.)
1	Dr. A D Parekh Dr. P V Bhale Dr. Prabhansu	Professional Advice & Guidance, viz Third Party Vetting and Approval of the Detailed Project Report for air conditioning consultancy services for Auditorium cum Cinema Hall at Naval Base Porbandar	GEO Test House, (A DIV. of GEO Design and Research (P) Ltd.)	25,000
2	Dr. V D Kalyankar Dr. A A Shaikh Dr. Shailendra Kumar Dr. P V Bhale	TPI Service for Providing and Fixing Compactor System at SUDA Bhavan, Vesu, Surat	Surat Urban Development Authority	50,000
3	Dr. S A Channiwala	TPI & Repair & Maintenance of 16 Gates of Weir cum causeway at Rander - Singanpore, Surat	Surat Municipal Corporation, Surat	43,550
4	Dr. A A Shaikh Dr. K D Yadav Dr. P V Bhale Dr. V P Rathod	Consultation Services for Bio-gas Power Plant at Sewage Treatment Plant, Bhatar	Surat Municipal Corporation, Surat	1,95,000
5	Dr. A D Parekh Dr. Prabhansu Dr. P V Bhale	Professional Advice & Guidance, viz Third Party Vetting and Approval of the Detailed Project Report for Central Air Conditioning of Auditorium at Air Station (ICGAS) Daman	GEO Test House, (A DIV. of GEO Design and Research (P) Ltd.)	25,000
6	Dr. A D Parekh Dr. P V Bhale Dr. Prabhansu Dr. M K Rathod	Professional advice & guidance viz third party vetting and approval of the detailed project report for central air conditioning system for specific purpose at Naval Station, Karanja	GEO Test House, (A DIV. of GEO Design and Research (P) Ltd.)	2,00,000
7	Dr. A A Shaikh Dr. D I Lalwani	TPI of Shipping mes	Globale Waste Management Cell Pvt Ltd	60,000

TESTING DETAILS: (F.Y. 2020-21)

Department	Type of Testing Activity	Proposed Project Amount
Deptt. of Civil Engg.	Routine testing charges like Soil testing, chemical testing, ACC block testing, Water Testing etc.	12,00,588
Others		3,20,085
	TOTAL	15,20,673

7.3 Proposed Plan for Research

The Dean (R&C) office provides supports in processing activities related to Research Projects, Consultancy Assignments, Technology transfer, Testing receipts, Fellowships of research scholars under various schemes, renders the help to ASHINE activities for startup/incubation and documenting outside world activities through signing MOU's. The basic aim of this office is facilitating faculty members for their efforts in enhancing research goals and solving societal issues in the form of consultancies for processing documents, keeping data record and further pushing for financial settlement of grant/ consultancy amount. Moreover, the Office of Dean (R&C) aims to establish IPR cell for converting research innovations in to patents and thereby creating mechanism for increasing IRG of the institute.

Fund Details: On-going Projects

No. of Projects	Sanctioned Amount (Rs.)	Received Amount (Rs.)	Expense	Balance
55	19,65,32,925	14,12,01,426	10,93,22,843	3,18,78,583

Fund Details : On-going Projects

No. of Projects	Proposed Amount (Rs.)	Funding Agencies
143	408348852	DST/MOES,GOI/GUJCOST/SERB/CSIR/DTE/MINISTRY OF MINES/CDRI/NSM,SERC/GOI with IOCL/UNDP/GTU/Prince Mohammadbin Fahd University/The NineSights team at Nine Sigma, JAPAN/Grand academin Portal, Ahemdabad/ISRO/IIT KANPUR/DRDO

New Initiatives Planned / Proposed and Under Progress :

- Seed Money Grant for newly recruited faculty for 32 proposals.
- IPR Draft Policy is to be legally vetted from Registered Patent Attorney.

Recent data of Patents Filed and Granted in 2020-21

During the FY 2020-21, total 25 Patents / Designs have been filed by various faculty members whereas 12 Patents / Designs were granted. The details of the same are as below.

Patents/Designs Filed - FY 2020-21

Sr. No	Dept.	Application No.	Title of Patent/Design	Inventor	Co-Inventor(s)
1	CED	328731-001	"Sediment Trap"	Dr. Timbadiya P.V.	Dr. Patel Prem Lal Mr. Patel Shaileshkumar Bhikhabhai
2	MED	330201-001	"Agriculture Monitoring Drone with Land Traversing Feature"	Dr. H.K Dave	Mr. Aniruddh Manoj Mr. Samarth Shah Mr. Krunal N Patel Mr. Abhishek Niraj Desai Mr. Ashish R Prajapati Mr. Nitin Sonker
3	CED	331236-001	"Flower Waste Composter (CBR No. 12513)"	Dr. K.D. Yadav	Mr. Rajnikant Prasad
4	MED	332649-001/ D/RP/AG	"Hybrid Minichannel Heat Sink"	Dr. H. B Mehta	Mr. Nishant M Shah Dr. Jyotirmay Banerjee
5	MED	332650-001/ D/CA/AC	"Stepped Variable Channel Width Minichannel Heat Sink"	Dr. H.B Mehta	Mr. Nishant M Shah Dr. Jyotirmay Banerjee
6	MED	332651-001/ D/TKP/AC	"Tapered Variable Channel Width Minichannel Heat Sink"	Dr. H.B Mehta	Mr. Nishant M Shah Dr. Jyotirmay Banerjee
7	MED	332670-001	"Design a Novel Fixture for Shear Testing of Sandwich Structures on Universal Testing Machine"	Mr. Swapnil Vyavhare Mr. Soham Teraiya	Dr. Shailendrkumar
8	ECED	333573-001	"Microwave Sensor Based Soil Analyzer"	Dr. Piyush N Patel	Mr. Paresh Sagar
9	ECED	333662-001	"Antenna Sensor for Detection of Knee Effusion"	Dr. Piyush N Patel	Mr. Arpan H Shah
10	CED	334122-001	"Flower Waste Pulveriser (CBR No. 18329)"	Dr. K.D. Yadav	Mr. Rajnikant Prasad
11	ECED	334362-001	"Waveguide for Fusion Plasma Diagnostic"	Dr. P.N Patel	Mr. Hirenkumar V Dhuda Dr. Hiteshkumar B Pandya
12	MED	322819-001	"An Unmanned Aerial Vehical with Terrestrial Unit"	Dr. H.K Dave	Mr. Aniruddh Manoj Mr. Samarth Shah Mr. Krunal N Patel Mr. Abhishek Niraj Desai Mr. Ashish R Prajapati
13	MED	334553-001	"Wind Turbine Blade"	Dr. Beena D. Baloni	Mr. Neeraj Verma
14	MED	202021052581	"Pipe Leakage Detection and Repair Robot"	Dr. H.K Dave	Mr. Ankitkumar Nikum Mr. Rajatkumar Singh Mr. Aditya Gupta Mr. Apeksha Nikum
15	MED	335943-001	"Rover Integrated Drone"	Dr. H.K Dave	Mr. Aniruddh Manoj Mr. Vasim Khatri Mr. Krunal N Patel Mr. Abhishek Niraj Desai Mr. Ashish R Prajapati Mr. Nitin Sonker
16	MED	336626-001	"Industrial Robot"	Dr. H.K Dave	Mr. Ankitkumar Nikum Mr. Rajatkumar Singh Mr. Aditya Gupta Mr. Apeksha Nikum
17	CED	336824-001	"Rotatory Composter for Organic Waste"	Dr. K.D.Yadav	Mr. Sandeep Kumar Mishra Mr. Rajnikant Prasad
18	MED	337173-001	"Developing a Non Contact Type Robot Which Works to Detect Faults in Vertical Pipe System"	Dr. H.K Dave	Mr. Pratham Choukse Mr. Neel Majethiya Mr. Amit Kumar Panigrahi Mr. DheerendraPraajapati

Sr. No	Dept.	Application No.	Title of Patent/Design	Inventor	Co-Inventor(s)
					Mr Dasadia Kush Dilipbhai
19	MED	202121003137 A	"Abrasive Material Delivering Apparatus with Precise Control"	Dr. Abdul Hafiz Shaikh	Mr. Ketan D Panchal
20	CHED	202121009497	"Method for Synthesis of SnO ₂ Nanocatalyst Using Leaf Extract of Delonix Regia"	Dr. M. Mukhopadhyay	--
21	CED	202121009859	"Greywater Treatment Reactor"	Dr. K.D. Yadav	Mr. Anishkumar H Gandhi
22	CED	202121009859	"Greywater Treatment by using the water Hyacinth"	Dr. K.D. Yadav	Mr. Anishkumar H Gandhi
23	CED	340758-001	"GEOCELL"	Ms. Bhavita S Dave	Dr. A K Desai Dr. C H Solanki
24	MED	341247-001	"Battery Stack Cooling System for Electric Vehicles"	Dr. H. B Mehta	Mr. Milan Vachhani
25	CHED	341280-001	"Design of a Novel Flat Sheet Membrane Module for Submerged Membrane Bioreactor Wastewater Treatment System"	Dr. Z V P Murthy	--

Patents / Design Granted : FY 2020-21

Sr. No	Dept.	Title of Patent/Design	Inventor	Co-Inventor(s)	Patent/ Design No.
1	ACD	"Novel 6-nitro-3-(4-oxo-thiazolidin-2-ylideneamino)-2-phenyl-3H-Quinazolin-4-One and 5-Benzilidine derivatives thereof"	Dr. Smita Manish Jauhari	Mr. Rana Aniruddhasinh M Mr. Desai Kishor Ratilal	336571
2	MED	"A Process of Preparation of Ordered Cell Metal Foam"	Dr. Pawan Sharma	Mr. Pulak Mohan Pandey Mr. Jatender Pal Singh	347561
3	CHED	"PPEA/MAA active layer containing forward osmosis membrane and a method of preparing thereof"	Dr. Alka A Mungray	Mr. Pankaj M Pardeshi	353731
4	CED	"Dry Leaves Cutting Machine (CBR No. 14445)"	Mr. Dayanand Sharma	Dr. Kunwar Durg Vijaysingh Yadav	320230-001
5	CED	"Artificial Fiber with Knot for Reinforcement of Concrete"(CBR No. 1096)"	Mr. Sudhir B Gayake	Dr. Atul K Desai	326012-001
6	CED	"Sediment Trap"	Dr. Timbadiya P.V.	Dr. Patel Prem Lal Mr. Patel Shaileshkumar Bhikhabhai	328731-001
7	CED	"Flower Waste Pulveriser (CBR No. 18329)"	Dr. K.D. Yadav	Mr. Rajnikant Prasad	334122-001
8	MED	"Wind Turbine Blade"	Dr. Beena D. Baloni	Mr. Neeraj Verma	334553-001
9	CED	"Rotatory Composter for Organic Waste"	Dr. K.D. Yadav	Mr. Sandeep Kumar Mishra Mr. Rajnikant Prasad	336824-001
10	MED	"System and Method for Rapid Manufacturing of Article"	Dr. Pawan Sharma	Mr. Pulak Mohan Pandey Mr. Gurminder Singh	359912
11	MED	"Developing a Non Contact Type Robot Which Works to Detect Faults in Vertical Pipe System"	Dr. Harshit K Dave	Mr. Pratham Choukse Mr. Neel Majethiya Mr. Amit Kumar Panigrahi Mr. Dheerendra Prajapati Mr Dasadia Kush Dilipbhai	337173-001
12	CED	"A Method for Producing Angular Shaped Fly Ash Aggregate"	Dr. Satyjeet Patel	Ms. Deepti Patel	362571

8.0 ALUMNI AND RESOURCE GENERATION

Total five Managing Committees and one Annual General Meeting of SVNIT-Surat Alumni Association (SVNIT-SuratAA) held during the period under report. SVNIT-Surat AA received Rs.9,99,585/- as Donation during the period under report. The SVNIT-AA distributed Rs.2,95,000/- to needy students of the institute. During COVID-2019, the SVNIT-SuratAA donated Rs.1,00,000/- to PM CARE, Rs. 51,000/- to Gujarat Chief Minister Fund and Rs.51,000/- to Surat Municipal Corporation and sponsored the lunch to about 1000 needy people for ten days.

9.0 STUDENTS' AMENITIES AND ACTIVITIES:

9.1 Students' Council:

The Student's Council of SVNIT constitutes various committees with student co-ordinators and faculty advisor to provide ample opportunities for student experience in leadership and encourage student/faculty/community relations. The main objective of student's council is to initiate, implement and complete meaningful and purpose oriented activities. The Chairman and Co-chairman as the Faculty Advisor for the smooth conduction of all the activities under student's Council are recommended amongst faculties of various departments by Dean (SW) for the necessary approval by the Director. All the activities under Student's Council are then conducted by the respective Student Co-ordinators recommended by the appointed Chairman/Co-Chairman. The Chairman and Co-chairman of various committees of student's council for the academic year 2020–2021 are as under.

Sr. No.	Name of the Committee	Name of the Faculty Members	
		Chairman	Co-Chairman
1	Finance & S.W. Committee	Dr. Namrata D. Jariwala, AP, CED	Dr. Dimple V. Shah Assoc. Prof., APD Dr. Kashyap Kumar Patel, AP, CED
2	Social & Cultural Activities Committee (Autumn Fest /Spring Fest & Other Cultural activities of the Institute)	Dr. V.L. Manekar, Prof., CED	Dr. M. K. Rathod, AP, MED Dr. Shweta Shah, AP, ECED Dr. Ravikant, Assoc. Prof., MED Dr. Pawan Sharma, AP, MED
3	Literary & Debating Committee	Dr. Tushar Desai, Prof., MED	Dr. Urvashi Kaushal, AP, AMHD Dr. Rohit Tamrakar, AP, MED
4	Centre for Humanity Resource Development (CHRD)	Dr. H.K. Dave, Assoc. Prof., MED	Dr. Bhavesh N. Gohil, AP, COED Dr. Bade Mukund, AP, MED
5	Magazine Committee (Including RENESA)	Dr. Vipul Kheraj, Assoc. Prof., APD	Dr. A.K. Jana, Asso. Prof., CHED Dr. Mulay Amrut Shrikant, AP, MED
6	Society for Automotive Engineers (SAE)	Dr. Hemant Mehta, Assoc. Prof., MED	Dr. Patel Vipul Mangalbhai, AP, MED Dr. Naresh Yarramsetty, AP, MED
7	Kashish (The Freshers Welcome)	Co – Chairman , COW	Member Secretary, COW Chief Warden, Mother Teresa Bhavan
8	DRISHTI- The Innovation Club	Dr. Vimal Patel, AP, MED	Dr. Pinalkumar J. Engineer AP, ECED Dr. Sankita J. Patel, AP, COED
9	SPORTS	Dr. N.K. Datta, Assoc. Prof., Phy. Edu.	Dr. Rakesh Maurya Assoc. Prof., EED Dr. Shail Pandey , AP, APD
10	Society for Cultivation of Science & Humanities (SCOSH)	Dr. A.K. Rai, Assoc. Prof., APD	Dr. B.Z. Dholakiya, Assoc. Prof., ACD Dr. Sushil Kumar Assoc. Prof., AMHD
11	Association for Computing Machinery (ACM)	Dr. Dipti Rana, AP, COED	Dr. Parne Balu Laxman, AP, COED
12	Society for the Promotion of Indian Classical Music And Culture Amongst Youth (SPICMACAY)	Dr. U.D. Dalal, Prof., ECED	Dr. P.V. Bhale, Assoc. Prof., MED Dr. Vikram Rathod, AP, MED
13	The Institution of Electronics & Telecommunication Engineers (IETE)	Dr. Shilpi Gupta, Assoc. Prof., ECED	Dr. Rasika Dhavse, Assoc. Prof., ECED Dr. Suman Deb, AP, ECED

Sr. No.	Name of the Committee	Name of the Faculty Members	
		Chairman	Co-Chairman
14	Institute of Electrical and Electronics Engineers (IEEE)	Dr. Piyush N. Patel, Assoc. Prof., ECED	Dr. Abhilash Mandloi, AP, ECED Dr. Deepak Joshi, AP, ECED
15	Indian Institution of Industrial Engineering (IIIE)	Dr. Tushar Desai, Prof., MED	Dr. Ravikant, Assoc. Prof., MED
16	Civil Engineering Society (CES)	Dr. R.M. Tailor, AP, CED	Dr. Shruti Shukla, AP, AMD Dr. Bandita Barman, AP, CED
17	Chemical Engineering Society (CHES)	Dr. Meghal Desai, Assoc. Prof., CHED	Dr. Jogender Singh, AP, CHED Dr. Sarita Mishra, AP, CHED
18	Electrical Engineering Society (EES)	Dr. M.A. Mulla, Assoc., Prof., EED	Dr. Khyati Mistry, Assoc. Prof., EED Dr. Gangireddy Sushnigdha, AP, EED
19	Cutting Edge Visionaries (CEV)	Dr. Kishor Upla, AP, ECED	Shri Mehul Patel, AP, ECED Dr. Abhishek Acharya, AP, ECED
20	NIRVANA	Dr. Y.D. Patil, Assoc. Prof., AMD	Dr. Twinkle Singh, AP, AMHD
21	The Indian Institute of Welding	Dr. Vivek D. Kalyankar, AP, MED	Dr. Pandya Shaileshkumar N., AP, MED

9.2 Hostels

The hostel section of the Institute is established to deal with all the matters related to accommodation, food, and the general wellbeing of the students. Presently, the Institute Campus has 09 hostels, including 07 boys' hostel, 01 girls' hostel, and 01 hostel guest house.

The activities of hostels are managed by the Council of Wardens (CoW) and Hostel Management Committees (HMC) of the students. Council of Warden includes the Chief Warden and Wardens of the hostels with Co-Chairman as the Associate Dean (Students Welfare) and Chairman as Dean (Students Welfare).

Each hostel functions as an independent unit with respect to its internal administration under the overall supervision of the Council of Wardens and the Hostel Management. Each hostel has a Chief Warden, and few Wardens **who are** faculty members of various departments. In addition to the Hostel Section office, the warden's office is located within each hostel, where the hostel supervisors and wardens handle the hostel administration.

All the hostels are equipped with basic facilities like furniture, Wi-Fi/LAN enabled internet, Mess, and recreational facilities like fully equipped sports, music rooms, magazine rooms, and television rooms. Most hostel-level meetings take place in common rooms.

The students celebrate festivals such as Ram Navami, SharadUtsav, Saraswati Puja, Krishna Janmashtami, Ganesh Puja, Holi, Diwali, and New Year's Eve, etc. The hostel day is organised annually by each hostel, where the entire hostel celebrates with food and music.

Hostel section provides financial supports to events like KASHIS / Abhinandan (first-year welcome programme), sports events like Night Cricket Tournament (MMNCT), volleyball, football, etc.

The Institute operates buses connecting the main gate to different parts of the campus, including the Hostel and Academic zones, at frequent intervals. Students are encouraged to traverse the vast campus on bicycles or foot. Use of powered vehicles by students is not permitted.

HOSTEL SET-UP AND ACCOMODATION

Names of hostels, hostel type, number of rooms and capacity are given below:

Sr. No.	Hostel Name	Hostel Type
1	Bhabha Bhavan	Boys
2	Gajjar Bhavan	Boys
3	Tagore Bhavan	Boys
4	Nehru Bhavan	Boys
5	Raman Bhavan	Boys
6	Swami Vivekanand Bhavan	Boys
7	Sarabhai Bhavan	Boys
8	Mother Teresa Bhavan	Girls
9	Narmad Bhavan	Hostel Guest House

Hostel Management Committee (HMC)

Hostel management in all hostels is carried out by a Hostel Management Committee (HMC) of students under the guidance of wardens. The structure of hostel management committee is as follows:

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

The secretaries are elected by the hostel inmates in the beginning of the academic year.

Council of Wardens (CoWs) (before March 31, 2021 of year 2020-21)

Sr. No.	Name of Faculty Members	Designation
1	Dr. V. H. Pradhan	Chairman, Dean, Students Welfare
2	Dr. Hiren G. Patel	Asso. Dean Student Welfare (PG) (Co-Chairman, COW)
3	Dr. Ravi Kant	Asso. Dean Student Welfare (UG)
4	Dr. Ashish Dhamaniya	Chief Warden, Narmad Bhavan
5	Dr. Rakesh Maurya	Chief Warden, Sarabhai Bhavan
6	Dr. Beena Baloni	Chief Warden, Raman Bhavan
7	Dr. Suresh Kumar	Chief Warden, Nehru Bhavan
8	Dr. A.K. Jana	Chief Warden, Tagore Bhavan
9	Dr. Sanjay R. Patel	Chief Warden, Swami Vivekanand Bhavan
10	Dr. G.C. Jadeja	Chief Warden, Swami Vivekanand Bhavan
11	Shri Mehul Patel	Chief Warden, Gajjar Bhavan
12	Shri Amit J. Solanki	Chief Warden, Gajjar Bhavan
13	Dr. Abhilash Mandloi	Chief Warden, Bhabha Bhavan
14	Dr. Y.A. Sonvane	Chief Warden, Bhabha Bhavan
15	Dr. Jignasa Gohel	Chief Warden, Mother Teresa Bhavan
16	Dr. Khyati Mistry	Chief Warden, Mother Teresa Bhavan

Council of Wardens (CoWs)
(with effect from March 31, 2021)

Sr. No.	Name of Faculty Members	Designation
1	Dr. Ravi Kant	Chairman, Dean, Students Welfare (w.e.f. 6-02-2021)
2	Dr. Sanjay kumar R. Patel	Asso. Dean Student Welfare (Co-Chairman, COW) (w.e.f. 6-02-2021)
3	Shri Amit J. Solanki	Chief Warden, Gajjar Bhavan
4	Dr. Abhishek Acharya	Warden, Gajjar Bhavan
5	Dr. Pawan Sharma	Warden, Gajjar Bhavan
6	Dr. K.V. Praveen Kumar	Warden, Gajjar Bhavan
7	Dr. Rakesh Maurya	Chief Warden, Bhabha Bhavan
8	Dr. Jogendra Singh	Warden, Bhabha Bhavan
9	Dr. Vipul M. Patel	Warden, Bhabha Bhavan
10	Dr. Amrut S. Mulay	Warden, Bhabha Bhavan
11	Dr. A. K. Mungray	Chief Warden, Tagore Bhavan
12	Dr. Naresh Yarramsetty	Warden, Tagore Bhavan
13	Dr. Sabha Raj Arya	Chief Warden, Nehru Bhavan
14	Dr. Rohan Rahul Pande	Warden, Nehru Bhavan
15	Dr. G.C. Jadeja	Chief Warden, Swami Vivekanand Bhavan
16	Dr. Deepak Joshi	Warden, Swami Vivekanand Bhavan
17	Dr. Sumit Khare	Warden, Swami Vivekanand Bhavan
18	Dr. Prabhanshu	Warden, Swami Vivekanand Bhavan
19	Dr. Manish K Rathod	Chief Warden, Raman Bhavan
20	Dr. Suman Deb	Warden, Raman Bhavan
21	Dr. Harshit K. Dave	Chief Warden, Sarabhai Bhavan
22	Dr. Rahul Radhakrishanan	Warden, Sarabhai Bhavan
23	Dr. Khyati D. Mistry	Chief Warden, Mother Teresa Bhavan
24	Dr. Twinkle R. Singh	Warden, Mother Teresa Bhavan
25	Dr. Sarita Kalla	Warden, Mother Teresa Bhavan
26	Dr. Bandita Barman	Warden, Mother Teresa Bhavan
27	Dr. Ashish Dhamniya	Chief Warden, Narmad Bhavan

9.3 Students Activity Center

Student Activities Center (SAC) of the institute organizes and manages sports, co-curricular and extracurricular activities of students and staffs. It has adequate sport facilities like Badminton courts with standard size of synthetic flooring, proper light and ventilation, two International standard synthetic Tennis courts with class-3 flood lights and modern seating arrangement for the spectators, two Volleyball grounds with standard quality grounds with floodlights, two Basketball courts facility with standard size of concrete flooring, proper light, Pool Table, Table Tennis and football ground.

In addition to above, the institute has a Gymnasium Hall equipped with varieties of equipments i.e more than 15 stations for specific body part exercise. Further, the SAC provides coaching camps for various games like Athletics, Badminton, Basketball, Cricket, Football, Handball, Kho-Kho, Kabaddi, Swimming and Yoga etc.

The orientation program is the first step of a new beginning for students of higher education, as it assures to be the new students that they have made the right choice to be in SVNIT Surat. It also helps students prepare for the successful career with a clear vision about what

lies ahead and what can be achieved at the end of the courses. The orientation program also gives an opportunity to the students to interact with the batch mates. To make students physically fit, mentally focused and emotionally stable, the Department of Physical Education under the guidance of Prof. V. H. Pradhan (Dean, Student Welfare) conducted 7 days of Yoga sessions in the orientation program for First-year students of B. Tech and M. Sc. It was a great success. Under the guidance and supervision of yoga expert Dr. Jahanvi Ichchhaporia (Asst. Director, Physical Education, AURO University, Surat) the students and parents performed Yoga Asana, Pranayam and Meditation.

The world was under the shadow of the Covid-19 outbreak during year 20-21. Pandemic created a big impact on the social life of everyone, which resulted in emotional vulnerability and stress. To keep the spirit high, to cheer and bring out students from the stress and anxiety post lockdown, the Department of Physical Education in support of 'Fit India Movement' conducted an online "Zumba Exercise Session" on 29 Aug 2020. Event was hosted under guidance of Prof. In-charge Dr. Rakesh Maurya and Head of the Department Dr. N. K. Datta. The technical support was extended by N. C. C. Officer Dr. Yogesh Sonwane

9.4 Scholarships/Fellowships

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 and university students who have secured 80% or more in GSHSE of std. 12 th	10000/- per year	Not Specified	44
2.	Post Metric Scholarship for SC	Rs.550/- P.M. for Day Scholars and Rs.1200/- P.M. for Hostellers Tuition Fees & Other Fees	Not Specified	40
3.	Instrument help to SC students (Eligible for studying in first year)	Rs.5000/- entire course	Not Specified	04
4.	Umbrella Scheme for education of ST students Post Metric Scholarship	Rs.550/- P.M. for Day Scholars and Rs.1200/- P.M. for Hostellers Tuition Fees & Other Fees	Not Specified	32
5.	Scholarships scheme for other backward classes Post SSC scheme	Rs.350/- P.M. for Day Scholars and Rs.750/- P.M. for Hostellers Rs.290/- P.A. Exam Fees	Not specified	19
6.	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 students or the actual whichever is less. Books & stationery at the rate of Rs.3000 p.a. per student or the actual. A latest P-IV computer system with all the necessary accessories like UPS, Printer, and Multimedia etc. limited to Rs.45000 per students for the entire course of study.	40	77
7.	National Fellowship and Scholarship for Higher Education of ST students scholarship (Formally Top Class Education for Schedule Tribe Students)	Full fee and other non-refundable charges. Lodging & boarding charges at the rate of Rs.2200 p.m. per students or the actual whichever is less. Books & stationery at the rate of Rs.3000 p.a. per student or the actual. A latest P-IV computer system with all the necessary accessories like UPS, Printer, and Multimedia etc. limited to Rs.45000 per students for the entire course of study.	Not specified	42
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	09
9.	Chief Minister Scholarship Scheme for Gujarat State (Guj)	50% of tuition fees	Not specified	01
10.	Mukhyamantri Yuva Swavlamban Yojna (MYSY) (GUJ)	50% of tuition fees& Book, Equipment in entire course @ 5000/- and Lodging &	Not specified	65

Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholarships awarded
		Boarding @1200 P.M. for 10 month in a year		
11.	Engineers India Ltd. Scholarship for SC/ST students	Rs. 3000/- p.m.	Not specified	02
12	Inspire Scholarship for UG science students	Rs5000/- p.m. & 20000 P.A. reimbursement for expenses towards academic research	80000	20
13	Post Matric Scholarship for students with disabilities	Rate of Maintenance allowance 1600/- P.M. Hosteller 750/- P.M. Day scholars Disability allowance, Reimbursement of compulsory non-refundable fees, Book allowance Rs. 1500/- per annum	Not specified	02
14	P. M. Scholarship Scheme for Central Armed Police Forces & Assam Rifles Ministry of Home Affairs	Rs.2250/- per month for girls Rs.2000/- per month for boys (to be paid annually after selection @Rs.27000/- to each girl & Rs. 24000/- to each boy)	Not specified	06
15	PMSS for Ministry of Railway	Rs.2250/- per month for female Rs.2000/- per month for male	150	01
16	Mukhya Mantri Medhavi Vidhyathi Yojna (M.P.)	full tuition fees	Not specified	12
17	Swami Dayanand Edn. Foundation Scholarship	Financial Support	Not Specified	02
Post Graduate				
1.	M.E./ M.Tech / MS/ M.Design and GATE/GPAT qualified Assistanceship/ Scholarship/ Fellowship	12400/- P.M. (Bothe 1 st & 2 nd year) and 5 th year of Dual Degree Programmes)	Not specified	667
Ph.D.				
1.	JUNIOR RESEARCH FELLOW (JRF) Post Graduate Degree in Basic Science with NET/ Gate qualification or Post graduate degree in Profession Courses.	31000/-P.M.	Not specified	212
2.	SENIOR RESEARCH FELLOW (SRF)	35000/- P.M.	Not specified	151
3	Visvesvaraya PhD Scheme for Electronics & IT under the Department of Electronics and Information Technology (DeitY), Ministry of Communication and Information Technology, Govt. of India	Fellowship @ Rs. 38750/- P.M. (1 st & 2 nd year) @ Rs. 43750/- P.M. (3 rd year & 4 th year) Rs. 30000/- contingency per annum	2 full time	05
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	Fellowship @ Rs. 31000/- P.M. Stipend per month (1 st & 2 nd year) @ 35000/- P.M. stipend per month (3 rd year and remaining tenure) Rs.20000/- contingency per annum HRA Govt. of India	Not specified	03
5	Scheme of UGC	Fellowship @ Rs.25000/- P.M. for initial two year JRF @ 28000/- P.M. for the remaining tenure (SRF) Contingency @ Rs. 12000/- P.A. for initial two year @ Rs. 25000/- P.A. for remaining tenure HRA As per Govt. of India	Not specified	06
6.	Rajiv Ghandhi National Fellowship for SC candidates	Fellowship @ Rs.25000/- P.M. for initial two year JRF @ 28000/- P.M. for the remaining tenure (SRF) Contingency @ Rs. 12000/- P.A. for initial two year @ Rs. 25000/- P.A. for remaining tenure HRA As per University/Institute	Not specified	04
7.	CSIR-UGC National Eligibility Test (NET)	Fellowship @ Rs.31000/- P.M. for initial two year JRF	Not specified	10

Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholarships awarded
		@ Rs. 5000/- P.M. for the remaining tenure (SRF) Contingency @ Rs. 20000/- P.A. HRA As per University/Institute		

9.5 ACM Student Chapter

ACM is the world's largest educational and scientific computing society. ACM SVNIT SURAT is one among the many student chapters of ACM across the globe in various institutions. In this age of digitization, all of us are very well aware of how computers have become essential parts of our lives. Through our year-round activities, be it coding challenges, hackathons, quizzes, or development workshops and competitions, we as a chapter have always aimed at doing our best and indulging the majority of the students. The chapter is moving towards achieving nationwide recognition by conducting open-to-all contests on various digital platforms successfully.

ACM promotes development among the students of the college by organizing the expert talk and workshops in various booming fields such as Machine learning, Artificial Intelligence, Mobile and Web Development, Blockchain technology, etc. together with the necessary skills required for the operating system, web development, science-related technology, etc. ACM conducted events like Knowledge Enhancement, Linux 101, Blockchain and its Applications, Workshop on Competitive Programming, Tour of Web Development with Node and React, Hackathon Masterclass, A Dive into Tech Domains Coding Contests, Inception 5.0 & 5.1, ACM Hour of Code, Epiphany 10.0 & 10.1, ACM Month of Code, GeekEnd 4.0, and ACM Summer Challenge 2021

Chemical Engineering Society

The Chemical Engineering Society (ChES) of this Institute is affiliated with the American Institute of Chemical Engineering (AIChE). It aims to spread knowledge and experience to future chemical engineers about chemical engineering education and its applications. ChES conducts events demonstrating innovation through fun and technical events. The various activities undertaken by ChES during 2020-21 are namely DWSIM Workshop, DWSIM Flow Sheet Design Competition, Chem-E-Car, Cordial Convo (Interactive sessions with the Alumni of SVNIT to share their career experiences with the juniors), Alchemy: The Manufacturing Quest, Stock Up (webinar on Financial literacy), Siphon 6.0, Eureka 3.0, Placement & Internship Talk, and interactive sessions with other AIChE Student Chapters. The two significant events of ChES are Eureka and Siphon. Eureka started to teach and elevate a research ideology among students where sophomores are mentored by senior years. The teams work on their decided problem statements to find a new idea/solution, i.e., optimizing the same. This year, the third edition of Eureka, i.e., Eureka 3.0 (September 2020-April 2021), saw teams working on 18 problem statements consisting of industrial & academic backgrounds. Siphon is the Annual Departmental Fest conducted by ChES. During 2020-21, Siphon 6.0 (April 2- April 4, 2021) was conducted virtually and included the participation of the students from not only SVNIT but also from Bangladesh University of Engineering and Technology, NIT Rourkela, and IIT Kharagpur. A total of 13 events were conducted over three days consisting of various technical, non-technical events and quizzes to introduce the students to the multiple fields and applications of Chemical Engineering. Every event saw a footfall of around 150 students. The student chapter members also brought laurels. SheetalMaheshwari (U18CH026), B Tech-III, Innovation Head ChES 2020-21, was among the twelve global leaders to receive the International Student Chapter Leadership Development Award 2020 during the AIChE Annual Student Conference 2020. YutikaNaik (U19CH002) and Bharvi Patel (U19CH021), B Tech-II, got selected for the FOSSEE semester-long Summer Internship in DWSIM at IIT Bombay. ChES also received the AIChE Outstanding Student Chapter Award 2020-21.

Centre of Human Resource Development

Centre of Human Resource Development (CHRD) has always been a primary stress reliever for a large section of the students of this institute and will continue to do so. CHRD always strives for excellence and believes in Enrichment of the Human Resource through Arts and Culture. CHRD consists of six 'wings' or member clubs, each representing different cultural aspects of society. CHRD orientations and interviews are the most exciting thing for the freshers to witness after coming to college. The orientation focuses on introducing the six pillars of the family and after the orientation. CHRD held a 9-day trivia game during Navratri Week. Keeping in mind the importance of general knowledge and current affairs, CHRD introduced Nav-Triviatri, an online quiz competition for students. Akriti organized Paletton: A month-long competition where students create art with the help of other members of Akriti and learn new skills. Rangeela: An online painting competition exclusively for first-year students to showcase their artistic talent. Rangavali: An Rangoli Competition, wherein participants had to participate by posting a picture of their handmade rangoli. Convex Organized Golden hour: An online timelapse-making competition that is conducted on social media platforms. Kirdaar organized Off-Stage: A virtual event showcasing the amalgamation of Drama and Cinematography. Take-One: An online drama competition, the first Kirdaar event for the new freshies. Swaang: In collaboration with Ek Bharat Shreshtha Bharat (EBSB): An online team competition divided into three rounds, each elimination round. Each round tested different dramatics and human resource skills. Malang Wavezz - An online dance competition held on social media. 3 Dancers 1 song: An online Dance competition, wherein three dancers are given the same song to choreograph. Dance Jam - A team dancing competition where teams of 5 members each compete against each other. Bollywood Workshop: A Dance workshop conducted by 2nd year students for the 1st year students to increase their interaction. Dance Macha: A Team Dance Competition showcasing various dance forms. All forms of dance are permitted. Members performed in a team of 6 or 7. Raag actively conducted Distunes: An online Solo Singing competition held on social media. FreshBeat: An online Group Singing competition exclusively for 1st yearites. Participants had to make a team of 3 or more, record and send in their group videos. CHRD organized various interactive sessions on Storytelling & Writing by Mr. Biswapati Sarkar on 19th July 2021. The members got live experience of movie making under expert guidance. A session with Sarah Hashmi: An online meet where she shared her life journey and discussed her experiences. Interactive session with Jyoti Kapoor Das: An online meet where she shared her experiences as a prominent director and scriptwriter.

CHRD has a small internal committee (Design Team) focusing on Digital Arts explored during the lockdown period. The team focused on raising awareness of social issues by means of creative wordplay and digital canvas.

Cutting Edge Visionaries

The Cutting Edge Visionaries (CEV) conducted the events like Masters in Abroad guide by Rushi Bhatt, Darshit Patel, and Deep Jariwala, Rocket Propulsion by Het Patel, Space Entrepreneurship by Sunny Karawala, Getting Started with GSoC by Hrishabh Sharma, Ujjwal Kumar, and Aman Mishra, Envisage- Future of AI by Sunayana Sitaram (Senior Researcher at Microsoft), Data Science - A Layman's Guide by Zubeen Lapsiwala (BCG), uriosity 6.0 - Annual flagship quiz event and Mini Quriosity. They also conducted a series of talks like The backbone of any sports team- sports analysis" by Siva Balakrishna, CRM by Microsoft Dynamics 365 by Rakesh Borde, A journey: engineer to designer to entrepreneur by Shivani Chakrachhatri, life as a product manager by akshit khandelwal - Walmart Global tech, India etc. The CEV is also working on the projects on topic like Machine Learning, Application Development, Web Development, Finance and Digital Marketing.

Civil Engineering Society

Civil Engineering Society has been built on foundation of technical and managerial expertise. Being an oldest student chapter, each year CES has impacted significantly to fresher students. It is lead by a team of 18-member core committee and more than 35-member

executive team each year. This year our main aim was to build an environment where students could learn deeply and thoroughly about core of civil engineering. In pandemic situation many options were not available for student chapter to work with, on the brighter side we had an opportunity to reach out globally through social media. Our first article series "INFRAGIANTS" was about India's biggest infrastructural firms like L&T, GMR Infra, Afcons, BRO, TATA, HCC and various other giants of infrastructural market. Main aim was to spread knowledge about company's market value, current projects & internship opportunity to students at that organization. CES conducted workshop on STAAD-PRO on 26-27th Dec'2020 with more than 100 participants. CES also organized its biggest departmental Tech-fest KAIZEN 2021 in the month of February. It included various technical and managerial events like project management, College start-up, Team-up, Structural storm, Surv-X-cel, Engineer It, Disseminatesomras, Build your campus and Business battle. The event was conducted in the online mode and had participants from different engineering colleges across India. To get better idea regarding research and ongoing projects all around the world CES started a social media article series named as The Wired-Construction.

DRISHTI

DRISHTI is the technical-hobby club of SVNIT, which aims to inculcate technical knowledge among the students and represents SVNIT at national and international levels. We provide an opportunity to work as a team. The club is upholding its motive of being a place where "WE comes before ME". Orientation is organized for first-year students to give them an overview of Drishti, and get acquainted with process of involvement. After orientation, Drishti organized numerous technical workshops and competitions. The workshops consisted of Mechanical Basics, Electronic Systems and basics of Civil and Chemical Engineering. **Technovation is organized for 1st year students**, where they apply their knowledge on the topics discussed in the workshops. Anti-Gravity, Chemfluence, etc. were intriguing competitions in which they had to apply their knowledge of what they had learnt from workshops and come up with an original solution within the time limit of 24 hours. Every year, DRISHTI conducts a surprise event for 1st-year students. This year an event named AVION was organized in which they had to design and construct a glider using household items with help of reference material within a day. The recruited second-year members take up this month-long project. This year the online session involved various software-oriented projects like Proteus simulation, Ornithopter, Ball Balancer, ROS-Rviz, IPL Prediction, etc. These are 6-month long projects for second-year students in which they worked on remarkable projects like Rover, TuneX, VTOL, Robocon, Farmbot, Virtuon, Simulation of Petroleum Refinery, and Pre-Fabricated Buildings.

Team Drishti has developed bot DOSTAR (Differentially Operated System to Assist Recovery) along with workshop professionals from SVNIT. The bot was given to SMIMER Hospital, Surat and is being used to provide meals and other supplies to patients without direct interaction. CAPTEN (Corona and Pneumonia Testing Networks) is a utility that uses deep learning to recognize Corona and Pneumonia infections from chest X-ray pictures. The DivyaBhaskar newspaper recognized CAPTEN for its contributions to society on the occasion of National Science Day. Team Drishti has been participating in the ABU ROBOCON since 2006. This year, the team successfully completed stage 1 with 100/100 score. Team Drishti has participated in Robofest-2.0 organized by GUJCOST in the Rover category. The team has qualified for the top two teams and was awarded INR 2Lacs to create a model for stage 3. Team Drishti participated in the **International Planetary Aerial Systems Challenge 2021** conducted by Mars Society South Asia. The team has successfully completed a design and placed 12th with a score of 496.72. Four teams from DRISHTI participated in the smart car race challenge-2021 conducted by NXP AIM INDIA. All the teams made up to the finals

ELECTRICAL ENGINEERING SOCIETY

EES, the Electrical Engineering Society, is an official student chapter of the Electrical Engineering Department of SVNIT. The pie-chart of the events, either technical or non-technical, involves knowledge, learning, and creativity. EES proudly teaches and upholds these sections by providing a proper platform to the students and helps them to discover all interesting questions. The online interaction for the entire year made it difficult to hold events,

but we successfully conducted a flurry of interesting technological and non-technical activities. This remarkable era began with 'Inquisitive', which we conducted on the eve of World Student's Day in the honour of Dr. APJ Abdul Kalam, a quiz having questions from a bundle of topics such as engineering, advancements in technology to general knowledge, movies tv-series, sports and aptitude. Masked Band it was the first-ever online Treasure Hunt exclusively for freshers that uplifted their curiosity. It focused on many crucial skills like critical and logical thinking, pressure handling, teamwork, leadership, and self-confidence. It was held on 25 December 2020. The event was conducted in three rounds and was successful with 200+ students taking part in it. EES Orientation "Discharge" was an introductory session held on 31 January 2021, to introduce EES to the coming batch of 2020-21. The main objective of this event was to introduce EES to the students. In the Event, we gave a detailed enumeration on what EES is, what is its legacy, what are the events that are conducted by EES during whole year and what to expect from EES. Another annual event, 'Dextrix', which was conducted solely by the Second Year Executive team, covered 10 workshops and seminars and were organized on topics such as MATLAB, IoT, Electric Vehicle, Sensors, Machine Learning, Power System, Smart Grid and many other trending technical domains giving students a kickstart to study further. Ample of time was given for clearing any doubts as well as topics were explained in such way that First Year students would get great idea about all the fields. Over the period of two days close to 250 students took part in the event. The biggest annual techno-managerial fest "AATISH" was organized by EES TEAM on 24-25 April 2021. It comprised of technical events "Algowhiz", "Analysis Aces", "Trical Fire", "Master Chef" and "Imitation game" which focused on participants technical knowledge, aptitude reasoning, presentation skills, and coding skills. They were informal and managerial events such as "Games Arena", "Power Housie", "WAR OF XI" which were successfully conducted with a zest of entertainment. An interactive guest lecture was also organized on "Entrepreneurship" by Gaurav Shrishrimal the co-founder of Kaagazscanner app. The whole Fest was loaded with its fun, technical, and managerial events and had a large outreach. We also launched a weekly blog titled 'Techy Tuesday', which updates our social media followers with new technological happenings. Students of all branches can write about new technologies, their advancements, or fundamental technological topics. It has received great response. We are an active team that operates from one department but serves others too and knocking on our door will always fill you with something astonishing!

IEEE STUDENT CHAPTER

IEEE Student Chapter, SVNIT, Surat conducted a 5 days' Lecture Series on various advance topics of Electronics and Communication was held from March 02-06, 2021 through online mode. The objective of the series was to offer an opportunity to explore some major domains of research and product development to PG and PhD scholars.

This interactive lecture series started with a talk on 'Role of Machine Learning in Healthcare' by Dr. Amit Joshi, Asstt Prof. MNIT Jaipur. It was followed by lectures on "Career Opportunities in ASIC/VLSI and Semiconductor: Advance Technologies and Challenges in VLSI-Insights' by Shri Chintan Panchal of e-Infochips, 'Electric Vehicles- Future of Commutation' by Esha Johari, Midwest Energy Pvt. Ltd., 'RF Component Design' by Dr. Shishir Jagtap, Pillai College of Engineering, Panvel and 'IoT applications' by Mr. Sharad Sharma of KRAT India, on subsequent days.

Learned speakers gave theoretical as well as practical exposure of their respective topics and focused on scope of research in them. The event was well attended by more than 60 participants from all over India.

IETE Students' Forum

The Institution of Electronics and Telecommunication Engineers focuses on the advancement of the Science and Technology of Electronics, Telecommunication and related areas. ISF stands for IETE STUDENTS' FORUM. Towards this end the Institution promotes and conducts basic engineering and continuing technical education programmes for human resource development.

The semester was kick started with an online Test series “APTIGRIND”. This was conducted every Tuesday in the month of September 2020. APTIGRIND consisted of the best quantitative and reasoning questions we could find, and was held on a virtual platform “HACKEREARTH” so as to give exposure to real life aptitude tests conducted by companies. Soon after we had IETE Orientation and Membership Drive for 2nd year students. IETE Students’ Forum conducted a hands-on workshop on Machine Learning and Artificial Intelligence. It was a 2-day workshop starting from 31st October, 2020. The workshop was conducted by TECH CRYPTORS, Mumbai, an ISO 9001:2015 CERTIFIED COMPANY, also in collaboration with Tirutsava Indian Institute of Technology, Tirupati. The workshop was based on the functionalities of Python and R. Along with it, an online interactive webinar on the topic “Universal Object Interaction”, an advanced topic of IoT, was held. The webinar was held on the platform Google Meet on 9th January 2021. This was again presented by TECH CRYPTORS. With the arrival of the New Batch 2020, ISF organised an Orientation to introduce our activities to the new members and a NI Multisim workshop on 30th January 2021 to get the Freshies acquainted with the concept of Multisim.

The month of February was quite a busy one. In the beginning, an EXPERT TALK ON “MOBILITY MANAGEMENT IN 5G NETWORKS AND BEYOND 5G NETWORKS” was held via Google Meet. A novel discussion of the functional requirements from MM strategies for 5G networks took place. The talk was given by Dr. Akshay Jain, an alumnus of ECED, NIT Surat. Soon after, the Annual Departmental Fest of the Electronics Engineering Department HERTZ6.0 took place. Under Hertz 6.0, we organized the events like Mock Placement, Circuitrix, Quiz Time and Flip Flop. ISF witnessed a grand event : Sundeep Memorial Project Competition (SMPC). We also had participants from other colleges of the city in this competition. The events that were are CobWEB-a website development project competition wherein you will weave and customize your own website, HobBIT- A coding contest to test your coding skills and challenge your fellow batchmates, and InnoQUEST- A Mock Startup project-based competition where you pitch in your innovative ideas and market your brand. All these events were conducted in Online Mode and core committee tried their best to give as much exposure to other students as possible. We are proud to say that ISF SVNIT had a productive year even during these hard times and managed to conduct such fruitful events throughout the year. We have and will always work for the advancement of the IETE Students’ Forum.

Here is a little glimpse from one of our events:

Literary Affairs Committee

The Literary Affairs Committee witnessed a vibrant year in the academic session 2020-21. The committee conducted a total of nine college-wide online events in the academic session. Along with the regular Group Discussion sessions and intra-club activities like extempores, Suches, debates, toastmasters, etc. that aimed at inculcating good speaking, listening and comprehensive practices in the club members, LAC organized the following college-wide events like the Boardroom Discussion, Wordsworth 2020, Mixed Bag Quiz, Murder Mystery, Anime and Cartoon Quiz, Group Discussion Workshop and Inter-NIT MELA Quiz. A first of its kind the Inter-NIT Quiz was conducted by LAC with the aim of establishing relations with other institutes on the student level, 164 participants from across 20 NITs participated in a competitive 5-hour quizzing session, with 3 teams coming out on top. The event was a major success, with NIT Surat securing 2nd position among the participating NITs.

Society for Cultivation of Science and Humanities

The Society for Cultivation of Science and Humanities (SCOSH) is the quintessential science club at SVNIT. Our mission is to create a human stack-exchange across by conducting events that instil a love for science in the hearts of people, and also help make the world a better place. We provide an opportunity to students with high inclination towards scientific research to meet, discuss ideas, share knowledge, do projects and fill the gaps created due to relatively less research exposure at SVNIT. For this, we conduct workshops, seminars and lectures. It is not, however, all work and no play. We also often design fun competitions, organize night-sky gazing on important astronomical events and screen movies centered on a scientific theme. The utmost important duty of any such

society isscience communication, i.e., propagating science to the generalpublic, and we achieve this through orchestrating outreach events atvarious schools around the city.We are a proud-but-humble little gang of people who adore scienceand have a dream of contributing towards its upliftment, with SCOSHbeing merely a platform to work towards collectively achieving thisdream.

The pandemic period was one of the most challenging periods ofSCOSH history. We conducted interviews in month of August tomake a new team for bringing the club back to life. We started bygiving the new team a glimpse of works and also included them in alltechnical works.Then came the hard part we had to start organizing our major andminor events that we used to do offline in online mode. We understood that we have to start thinking from a new perspective. So, our first event 'Let's Talk Academia 'was a 3-day seminar startingfrom September 3rd covering various fields of career opportunities, internship opportunities and academic writings. We were fortunateenough to have MS Archi Tripathi, MrNaman Agarwal and Mr Aniruddha Deshmukh as the speakers of this 3-day seminars.We had given our young researchers with a basic knowledge of howto look for opportunities and how to systematically do research on atopic and know it was time to give them a proper workshop on Latexone of most used document preparation system to professionallyprepare lab reports, resumes and research papers. Under the guidanceof our seniors, we conducted "Introduction to Latex" a 2-day Hands-on workshop from 26 th September.After a one-month break, we came back with another talk on "StringTheory and Role of Indian Coterie" by DrMritunjayVerma who is aresearch fellow in University of Southampton on 31 st October. After astring of mini events, it was time for our major events. We began witha quiz competition "SQUIZOSH 2020" on 7 th November.Then we had winter break but soon on 28 th January SCOSH started itsfirst lecture series named "Job Journey" and the Inaugural talk was on"Career's in Machine Learning" by MrAmanBakshi. On 31 st Januarywe came with our second major event Science hunt and the mainmoto of our event was increase the critical and creative thinking ofthe students through riddles and puzzles .Then it was time to conduct the most awaited event that keeps usunique from all other clubs and it was INQUEST 5.0 but this timesince the event was online, we kept the event a 48-hourResearchathon starting from 19 th February. Also, the theme for thisyear's Inquest was "Unsolved Millennial Mysteries". We were fortunate to have DrSourabhDube, Associate professor at IISERPune, to give a talk on "Unsolved Problem in Particle Physics" on 20 thFebruary in accordance to INQUEST 5.0. The event was smoothlyconducted.Finally, to end the year on high SCOSH introduced one-of-a-kind events that has never been done in by any club till date and it wascalled "Reel Time Science" one of a kind quiz competition thatextracts scientific concepts and facts from famous movie clips that wehave seen at some point of time. The main inspiration for the eventwas Dr Akashroop Banarjee who was the brains behind the wholeevent and supported the SCOSH team at every stage of the event. Wegot an overwhelming response for the event and the event wasappreciated by all participants.

SPIC MACAY SVNIT

MIMAMSA is the annual magazine of SPIC MACAY SVNIT. In this magazine, we try to collect a glimpse of all our activities throughout the academic year. 'MIMAMSA', a Sanskrit word, signifies enlightenment of reflection into one's inner self. Similarly, through the MIMAMSA 2019-20 edition, we are trying to reflect our heritage through the events we organized and the experience we had. During the year 2019-20 we successfully organized many events like Swaranjali, Cinema classics, and VIRASAT 2020, and tried to bring the students of SVNIT closer to their roots. Each individual who experienced this journey will cherish it forever. To help the reader to connect with these beautiful experiences, we have also included messages from the authorities, volunteers, and audience. The date of release of this magazine was **September 10, 2020**.

"SWARANJALI"- A musical evening organized by SPIC MACAY SVNIT, herein we invited Shri ShashankSubramanyam, a Grammy-nominated, renowned exponent of the Carnatic flute and a recipient of the SangeetNatakAkademi Award. The concert was held on November 28, 2020; 6:00 PM to 8:00 PM on Google meet and was streamed live on Youtube. Shri ShashankSubramanyam was accompanied by Mysore Srikanth (Violin), Patri Satish Kumar (Mridangam) and ShirishaShashank (Tanpura).This concert was organised as a part of the orientation programme of the fresher students of SVNIT and commenced with a brief introduction about SPICMACAY SVNIT. Thereafter, we had a mesmerising performance by Shri ShashankSubramanyam. After the completion of the concert we had an interaction session between the artist and audience and we received an overwhelming amount of questions from the students. Overall this event was indeed a great success for us as the first step of the year.

On the occasion of the Diamond Jubilee year celebrations of SVNIT Surat, SPICMACAY SVNIT organized DHAROHAR. This event helped the students to dig deeper and to increase the knowledge about the '**History and Restoration of Surat Fort**'. It was an online talk session and was conducted on **9th January, 2021 (11:00 AM onwards)** on ZOOM platform. The session was addressed by Architect Sumesh Modi (Heritage Conservation Expert). The talk session covered a comprehensive description of the architectural work done for the restoration of the Surat fort. On a brief note, 'The restoration commenced from the part that was made during the era of *Firoz Shah Tughlaq*. Surat Municipal Corporation has carried out the work of comprehensive structural stability. Restoring the historical heritage of Surat, imparting more glitter to the shining pride of Surat, and giving a new identity to this old fort, is a humble effort by Surat Municipal Corporation' was conveyed to the audience by Sumesh Modi. After the completion of the talk session we had an open discussion between the expert and the students of SVNIT, and the students were very keen to gain further knowledge about the heritage of Surat. .

Society of Automotive Engineers

In 2020-21 TEAM PHOENIX RACING SAE SVNIT, participated in two National Level Events and has proven itself again. Even in the rough times of COVID-19 Outbreak, the team initially faced a lot of difficulties in switching to virtual mode, but this did not break our spirit. Here is the list of events that the team took part in:

FORMULA BHARAT 2021 (VIRTUAL):

Formula Bharat is an engineering design competition in which students from colleges and universities all over the country compete with a virtual formula student vehicle in areas of engineering design, overall cost, marketability, and dynamic performance. The challenge to the student team is to design and fabricate a prototype vehicle that best meets the goals and intents as stated per the Rules Book. We showed a great improvement compared to last year where we had stood on overall 39th rank. This year our score is: 92.6/150 in Design, 55.28/75 in Business, Completed the whole event successfully with zero Penalty with Final score: 147.88/225 and Overall rank: 13th

Phoenix Aero Activities:

The team operated virtually for the AY 2020 - 2021 due to the outspread of the COVID-19 pandemic and discontinuation of offline classes. The team successfully completed two projects and filed for a design patent and other publicity events through rigorous planning and execution. Under the leadership of Captain – DhanushBinu, Vice-Captain – Anup Kamath, Design-Head – Sanskriti Pal, accompanied by 14 B. Tech – II members, the team accomplished the goals as scheduled. The first design project Detailed Design, Performance Optimisation and Payload Capacity Prediction of Lifting Body Aircraft taken up during the year 2020-21 was the Flagship of the Year: 'Xpartan', an aircraft designed project. The team overcame all the challenges and difficulties brought up in front of them and successfully implemented a complete study, detailed technical review forecasting the flight efficacy and payload carrying capability and developed a novel UAV design. A design patent had been filed on 11 June 2021 for the novelty design features of the aircraft. The application for the article titled, '*Unmanned Cargo Aircraft*' has been accepted successfully. Dr. Hemantkumar B. Mehta, DhanushBinu, Anup P. Kamath, Sanskriti Pal, et al., (2021), "Unmanned Cargo Aircraft" No. 344532-001, 2021 June. A research project Efficiency Optimisation of Flight Using Morphing Wing Technique inspired by the concept of biomimicry, in which wing planforms are altered to optimise the aerodynamic properties of a flying wing. The study concluded that the bell lift distribution was much more efficient than the elliptical lift distribution. The further scope of this research is to manufacture such a design precisely. The team organised a 5-Days workshop on AEROMODELLING during January-February 2021 for students of SVNIT, covering the basics of aeromodelling to provide a concise overview of various procedures involved with designing and manufacturing an RC aircraft. The workshop was a grand success and witnessed a huge participant turnout (100+ participants). The team has a growing AEROMODELLING e-community of aeromodelling enthusiasts on Discord platform with over 250 active members. Many talks have been held where first-year students and sophomores from SVNIT participated actively in exchanging knowledge. Interactive sessions such as Group discussions and debates were held, which helped broaden their interest in aeromodelling. The

activities helped the students correlate various engineering principles taught in college to real-life aviation applications.

RENESSA

Renessa is the Official Media and Publication House of SVNIT. At Renessa, we venture into the depths of current affairs, college events, technology, art, music, books, cinema, psychology, philosophy, and much more. Renesa strives to provide its readers with a wide array of informative, interesting, and relevant content through our college magazines, online blogs, newsletters, and podcasts. We have a brilliant team of in-house writers, editors, designers, audio editors, and video editors that works together to consistently produce high-quality content.

In 2020-2021, Renesa published 2 magazines. The first one, the annual theme-based magazine, the 2021 Spring Edition, was based on the theme "Connections". Our writers and editors worked around the clock, conducted several brainstorming sessions and meetings, and produced a diverse set of articles, including sports, technology, reviews, analysis-based pieces, poetry, and fiction. Our designing team worked tirelessly to create illustrations and design the overall layout of the magazine. This magazine also contained artworks and photographs submitted by the student body, providing the SVNIT students a platform to showcase their talents.

The second magazine, the 2021 Farewell Edition, published in May 2021, is a much sought-after and awaited issue as it bids adieu to the graduating batch and helps them relive and relish their cherished college memories. This edition contained predominantly nostalgia-filled articles, along with heartfelt messages written from seniors to juniors and from seniors to juniors, and messages from two Renesa alumni. It also contained a photo album of the final year students to remind them of their amazing college journey and serve as a souvenir. In a year that started and finished online, this magazine brought back pleasant memories for the entire college and was widely read and loved. Renesa also made several podcast episodes to increase its social media and digital reach and benefit the general student body. Renesa conducted several interviews with experienced alumni and other guests on preparation techniques for several common examinations such as GRE, UPSC, and GATE to provide students guidance from people who had gone through the process first-hand. The pandemic forced us to think out of the box and the new Renesa team of 2020-2021 laid the primary groundwork of an official website, www.renesasvnit.com and launched it to better cater to the new, increasingly digital landscape. The Renesa website features regular blog posts, podcast episodes, and a digital archive of all the past Renesa magazine editions, providing a documented glimpse into the rich history and cultural legacy of SVNIT. We received over 2000 reads on the 2021 Farewell Edition and strive to reach more people through our work. From covering current affairs topics to addressing burning issues that plagued the society, and bringing to the fore lots of relevant events, the Renesa team effectively capitalized on their reach and popularity to raise awareness about various important issues. As the college media house, Renesa also covered several college-centric events, reporting inter-college tournaments, competitions, notable achievements, and events organized by the various student chapters of SVNIT.

10 CENTRAL FACILITIES

10.1 Central Computer Center

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, Guest House, SVP School 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 centre which caters approximate more than 1000 connections each. Such primary distribution centres are at Gajjar Bhavan, Bhabha Bhavan, Mother Terasa Bhavan, Swami Vivekanand Bhavan 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, Guest House, Dispensary, Student Activity Centre 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 MoE, 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, a total of 768 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 (JOSAA) 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 centres 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's are housed in the laboratories. Superb computing facilities and the abundance of all types of latest software's are added to the glamour and grandeur of this centre.

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 centre has become a backbone of the institute.

Setup of G Suite platform, an efficient and reliable email system. The Google Meet of G Suite platform provided the key role for conducting the online classes, PhD/M.Tech viva-voce examinations and other online meeting and seminars like STTP, Conferences etc. during COVID-19 pandemic.

10.2 Central Library

The Central Library, SardarVallabhbhai National Institute of Technology, Surat, is one of the key central facilities of the Institute. The primary goal of the library is to support the educational, research and innovation programs of the Institute by providing access to information.

The library has always benefited from the Institutes' culture, is a pioneer in adopting new technologies, and is far ahead of many libraries in the country. The Central Library manages knowledge, both in print and digital formats, ensures access to these scholarly resources, and provides faculty members, research scholars, students, and staff with professional support to find, evaluate, manage, and use these resources.

At present, the library holds 100708 print books and 9825 e-books. Apart from the online journals and databases provided by the eSS consortium, the library has purchased the license to access more than 3900 online science and technology research journals from renowned publishers.

Besides these resources, the library has a good collection of online databases, research support tools, standards/patents, print journals, theses/dissertations, CD-ROMS, etc.

Like previous years, this year also focus was on the strengthening of collection and implementation of the latest information and communication technologies in its services.

- During the year under report, besides the renewal of existing resources, the library has added new online resources in its collection. These are the Scopus database and one new individual journal-title.
- During 2020-21, 552 new books, 461 e-books, 91 CD ROM were added to the collection. In addition to this, the library has also acquired 75 books on gratis. Besides this, 122 theses and dissertations were also added to the library collection received from PhD and PG students.
- Looking to the online classes system and off-campus study, the library has adopted Indian Access management Federation (INFED) platform to provide remote access to various online subscribed resources and the resources provided by eSS.
- During the period, the library has conducted various online training/awareness sessions for the users to keep them aware of the resources and services of the central library.
- Besides the regular subscription/purchases, the central library has upgraded its library automation software (LMS) from LIBSYS -4 to web-centric LIBSYS-10 Software through TEQIP – Phase III fund.

The Central Library is one of the key central facilities of the Institute. The primary goal of the Library is to support the educational, research and innovation programs of the Institute by providing physical and digital access to intellectual information.

The Library is well-managed and acts as the knowledge hub of the entire Institute. It has a rich and comprehensively high quality of information resources in the field of Science and Technology. It serves as a creative and innovative partner in supporting the teaching, learning and research activities of the Institute and contributes significantly to the Institute's mission of academic excellence.

In 2017 the Institute Library shifted to its new building. The new building is planned on modular principles based on the requirements of the Institute Library. It has three spacious floors. The new Library building is centrally air-conditioned and occupied with three lifts operating in the building. For better security, the Library building is integrated with RFID system, CCTV camera and fire alarm system.

The unique feature of this Library building is "Green building" Louvers are provided on three sides, a semi-transparent dome at the centre of the building and roof is installed with solar panels.

The collection of resources has been methodically developed through the years. During the year (2020-2021) under report, the following resources were added to the Library.

Particulars of Reading Materials	Numbers
Books	552
Complimentary Books	75
E-Books	461
Thesis/Dissertation (Print)	122
CD ROM (Purchased)	01
CD ROM (Along with Books, Journals, Thesis and Dissertation)	90
Print Journals Subscribed	43
Online Individual Journals Subscribed	21

Online journals/Proceedings/standards subscribed

American Chemical Society (49 Journals), American Concrete Institute journals (4 Journals), American Mathematical Society (15 Journals), ASCE proceedings (174 Volumes), ASTM Digital Library (8 Journals), EMS Collection (81 Journals), Emerald CFTI Collection (310 Journals), Institute of Civil Engineers (ICE) package (29 Journals), ProQuest Science Journals (1620 Journals), Royal Society of Chemistry (49 Journals), Taylor & Francis five subject collections (455 Journals), Institute of Physics (IOP) (72 Journals), Science Direct eight subject collection (1103 Journals)

Online Databases subscribed

ASM Corrosion Analysis, ASTM Standards, IEEE/IET Electronic Library, Turnitin plagiarism detection online software, Grammarly premium, Project Muse Collection, Mc-Graw Hill access engineering online database, ASME Standards (Except BPVC), Indian Standards, International Electro Technical Commission (IEC) Standards, SCOPUS database.

E-resources provided by the e- Shodh Sindhu (eSS) Consortium

ACM Digital Library, American Institute of Physics (19 Journals), American Physical Society (17 Journals), ASCE Journals (35 Journals), ASME Journals (33 Journals), Economic & Political Weekly (1 Journal), Institute for Studies in Industrial Development (ISID) Database, JSTOR (3000+ Journals), J-Gate Plus (JCCC), MathSciNet Database, Oxford University Press (262 Journals), Springer Link 1700 Collection and Nature Journal, URKUND Plagiarism Detection Software (now Ouriginal), Web of Science Lease Access, World e-Book Library, South Asia Archive (SAA).

The total number of books, volumes and electronics documents in the Central Library during the year (2020-21) are as under:

Particulars of Reading materials	Numbers
Books (Purchased)	78901
Gratis Books	9764
Book Bank Books	7402
Particulars of other reading materials except books	
Research Proceedings	690
Standards	15844
Bound / Back Volumes (Print)	9050
Bound / Back Volumes (Online)	5395
Dissertation (Print)	4935
Print journals subscribed	43
Electronic Documents	
CD ROM (Purchased)	895
CD ROM (Along with Books, Journals, Theses & Dissertation)	4003
E-Books	10286
Online individual journals titles subscribed	21

Online Journals/Proceedings/Standards subscribed through publishers/various agency

Twenty online backfiles of journals subscribed from John Wiley & Sons, 354 Volumes of IMechE Proceedings back files, 3348 volumes of Springer backfiles, American Chemical Society (49 Journals), American Concrete Institute journals (ACI) 4 Journals, American Mathematical Society (15 Journals), ASCE proceedings (174 Volumes), ASTM Digital Library (8 Journals), EMS Collection (81), Emerald CFTI Collection (310 titles), ICE (Institute of Civil Engineers) Journals package (29 Journals), ProQuest Science Journals (1620 Journals), Royal Society of Chemistry (49 Journals), Science Direct Eight subject collection (1103), Taylor & Francis five subject collections (455 Journals), OSA optics Infobase package (24 Journals), Institute of Physics (IOP) (72 Journals), SIAM e-Jr. package (17 journals).

E-resources provided by the E- Shodh Sindhu Consortium

ACM Digital Library (1143), American Institute of Physics (19), American Physical Society (13), ASCE Journals (36), ASME Journals (29), Economic & Political Weekly (1), Institute for Studies in Industrial Development (ISID) Database, JSTOR (3071), J-Gate Plus (JCCC), MathSciNet Database, Nature Journal (1), Oxford University Press (262), Springer Link 1700 Collection and Nature Journal, URKUND Plagiarism Detection Software (now Ouriginal), Web of Science Lease Access, World e-Book Library, South Asia Archive (SAA).

Online Databases

ASM Corrosion Analysis, ASTM Standards, IEEE/IET Electronic Library, Mc-Graw Hill access engineering online database, Turnitin plagiarism detection online software, Grammarly premium, Project Muse collection, ASME Standards, British Standards (5 Module), British Standards (EUROCODE), IEC Standards, Indian Standards, SCOPUS Database.

CD-ROM Database Available

Britannica Encyclopedia, Chemical Engineering & Biotechnology Abstracts, Dissertation Abstract, EI Compendex, Environmental Chemistry, Health & Safety, INSPEC, ICONDA, Indian Patents, International Mechanical Abstracts, International Union of Railways Standards, ISO Standards, SAE Technical Papers, SAE Emission Technology Collection, SAE Diesel Engines Technology Collection, SAE Spark- Ignition Engines Technology Collection, SAE Vehicle Dynamics Technology Collection.

The total equipment available in the Library is listed below:

Sr. No.	Name of the Equipment	Quantity
Computers		
	Desktop Computers (HP i7,7700 PC, RAM 8GB DDR4,1TB HDD)	40
	Desktop Computers (Dell Optiplex 990, 4 GB RAM, 64 bit, 310 Ghz.)	15
	Desktop Computers (Dell Optiplex 360, CPU: Due E7500, Memory 4GB DDR2)	04
	IBM High-end Server Xseries 226 Intel Xeon 2.8 Ghz dual processor 2 GB	01
	LENOVO Server ST550 (7X10TX8N00) INTEL XEON 3106 OCTACORE	01
Printers		
	HP Laser jet 1320N	01
	Barcode printer	01
Other Equipment		
	Toshiba e-studio 282 Xerox Machine	01
	Barcode Scanner	05
	HP Scan Jet 5590 Flatbed (digital) Scanner	01
	UPS 5.0 KVA, 1ph input- 1ph output, Backup time 60 minutes, Make – Pulsive-02, Xsis-01	03
	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
	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 -LSmart client software	01 Unit
	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
	Web Centric LIBSYS 10 Software	01
	Windows 2003 server software with 5 client license	01
	RFID Gates (2 EAS Pedestals having 3 integrated antennas and controller – Model LSP3 Clear	01 Unit
	LSmart-RFID Staff Station with LSmart-Client S/w compatible with LIBSYS LMS RFID Reader LSA2-SHD Antenna LSmart-Client Software	01 Unit

Sr. No.	Name of the Equipment	Quantity
	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
	LSOpac Touch Screen Kiosk	01 Unit
	Hand Pallet Truck	01 Unit

Other Details:

Expenditure incurred during the year under report on the journals/databases and other reading materials was Rs.4,75,86,520.00 (LOC Fund)

In addition to LOC fund, an amount of Rs. 19,00,102.00 was utilized for purchasing books/e-books from the Annual Plan Grant.

The Central Library is a member of the Developing Library Network (DELNET), and the Library also provides individual membership to the citizens against membership fees.

10.3 Centre for Continuing Education (CCE)

Centre for Continuing Education (CCE) was established in Feb.-2017 at SVNIT with Prime objective to imparting skill developing training programs, Value added courses to Faculty, Research Scholar, UG/PG Students and Industry Professional through planning and organizing Workshop / Short term training program/Events/Expert talk/ Conference on regular basis and on the concept of Self-Sustainability approach as per the MHRD Guide- lines. In the Academic year 2020-21 the following **80** program (in Online Mode) are conducted through CCE.

Duration: (April 2020-March2021)

Total No. of Training Programs Approved through CCE (Online Mode)	87
Total Number of Training Programs Completed till end of June -2021:	80
STTP (Online Mode)	59
Refresher Course (Online Mode)	03
Workshop (Online Mode)	05
Expert Lecture (Online Mode)	00
Conference (Online Mode)	13
Total Number of Participants till end March-2020:	<div>Industry- 266</div> <div>Faculty- 2246</div> <div>Students- 3578</div> <div>Total No. of Participants- 6090</div>

Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants			
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
01	MED	1st International Conference on " Recent Advancements in Design and Manufacturing (Online)"	16-17 July 2020	Dr. B. M. Sutaria, Dr. Sandeep Soni and Dr. Achchhe Lal	TEQIP-III (Online)	19	5	--	12	43	55
02	EED	STTP on "Control of Power Electronic Converters for on Grid and Off Grid systems"	3-7 Aug 2020	Dr. Aeidapu Mahesh, Dr. J Venkataramanaiah, Dr. GangireddySushnigdha, Dr. Kunisetti V Praveen Kumar and Dr. Sabha Raj Arya	TEQIP-III (Online)	8	11	17	53	79	149
03	MED	STTP on " Blended learning and flipped classrooms" (Online)	10-14 Aug 2020	Dr. V. D. Kalayankar, Dr. M. H. Bade and Dr. A. V. Doshi	ATAL (Online)	0	7	--	447	19	466
04	MED	STTP on " Advanced Engineering optimization through intelligent Techniques"	1-5 Sept 2020	Dr. R. Venkata Rao	Self-Sustained (Online)	1	1	2	27	54	83
05	ECED	STTP on " Emerging Trends in VLSI Design"	12-16 Sept 2020	Dr. Abhishek Acharya and Dr. Deepak Joshi	TEQIP-III (Online)	2	9	7	42	28	77
06	EED	STTP on " Applications of power Electronic converters for sustained Living"	18-22 Sept 2020	Dr. Sanjay Tolani and Dr. R. Chilpi	TEQIP-III (Online)	6	12	--	10	47	57

Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants			
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
07	CHED	STTP on "Occupational safety and Health Management - Special Emphasis on COVID-19"	21-25 Sept 2020	Dr. Joneder Sigh, dr. SaritaKalla and Dr. Chetan M. Patel	TEQIP-III (Online)	4	7	--	4	29	33
08	MED	STTP on "Green and Sustainability in Textile"	21-25 Sept 2020	Dr. M. H. Bade, Dr. V. D. Kalayankar and Dr. A. V. Doshi	ATAL (Online)	1	12	--	--	54	54
09	ECED	STTP on "Emerging Trends in speech and Biomedical signal processing"	23-27 Sept 2020	Dr. Suman Dab and Dr. Deepak Joshi	TEQIP-III (Online)	--	10	--	8	26	34
10	EED	STTP on "Advances in control systems Engineering and Applications"	23-27 Sept 2020	Dr. Rahul Radhekrishna, Dr. GangiriddySushmadha, Dr. Hiren G. Patel & Dr. S. N. Sharma	TEQIP-III (Online)	6	8	5	14	36	55
11	EED	STTP on "Power electronics and Drives: Fundamentals, Implementation and Applications"	03-07 Oct 2020	Dr. Mahmdasraf A. Mulla, Dr. K. V. Praveen Kumar and Dr. J. Venkataramanaiah	Self-Sustained (Online)	5	4	1	10	27	38
12	MED	STTP on "Advances in Manufacturing (AIM 2.0)"	5-9 Oct 2020	Dr. H. K. Dave and Dr. S. Kumar	TEQIP-III (Online)	--	14	8	24	43	75
13	AMHD	STTP on "Computational Software (MATLAB & MATHEMATICA)"	5-9 Oct 2020	Dr. Indira P. Debnath and Dr. Shailesh K. Srivastva	Self-Sustained (Online)	3	6	--	17	140	157
14	ECED	STTP on "Recent Trends of RF Technologies for 5G and IOT"	12-16 Oct 2020	Dr. Shilpi Gupta and Dr. Kirtimandar	TEQIP-III (Online)	--	13	--	9	49	58
15	MED	STTP on "Modern Materials and Manufacturing"	12-18 Oct 2020	Dr. Pawan Sharma, Dr. B. N. Sharma and Dr. AmrutMulay	TEQIP-III (Online)	1	13	--	11	27	38
16	ECED	STTP on "Recent trends of Optical Engineering"	19-23 Oct 2020	Dr. P. N. Patel & Dr. A. S. Mandloi	TEQIP-III (Online)	--	10	--	5	41	46
17	CED	15th Days Certification Course on "Road Safety Audit and Other Road safety related aspects"	19 Oct-2020 to 3 Nov-2020	Dr. S. S. Arkatar, Dr. G. J. joshi and Dr. Ashish D.	Self-Sustained (Online)	3	20	24	--	--	24
18	CHED	STTP on "Green Technology towards Sustainable Future"	26-30 Oct 2020	Dr. J. K. Parikh, Dr. Meghal A. Desai, Dr. Sanjay R. Patel & Dr. G. C. Jadeja	ATAL (Online)	2	13	2	180	24	206
19	APD	International Workshop on "Emerging Materials for Energy storage Applications"	26-30 Oct 2020	Dr. Dimple Shah, Prof. K. N. Pathak and Dr. YogeshSonvane	Self-Sustained (Online)	--	12	--	26	24	50
20	CoED	STTP on "Data Security and Privacy"	26-30 Oct 2020	Dr. UdayPratap Rao, Dr. Rakesh Kumar, Dr. Balu L. Parne and Dr. Keyur J. Parmar	TEQIP-III (Online)	--	12	--	31	17	48
21	ACD	STTP on "Advanced Analytical Techniques in Chemistry"	26-30 Oct 2020	Dr. RitambharaJangir& Dr. Naveen Togati	Self-Sustained (Online)	5	12	--	15	112	127

Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants			
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
		(AATC-2020)"									
22	MED	STTP on "Multiple Attribute Decision Making and its Industrial Applications"	2-6 Nov 2020	Dr. Dinesh Singh and Dr. Ravikant	TEQIP-III (Online)	--	6	1	18	17	36
23	MED	STTP on "Thermal management : An overview, challenges & solutions"	2-7 Nov 2020	Dr. Y. Naresh, Dr. Nikhil Baraiya & Dr. M. K. Rathod	TEQIP-III (Online)	1	14	--	20	25	45
24	ECED	STTP on "Recent Trends in Machine Learning: An Industry Perspective"	8-12 Nov 2020	Dr. Kamal Captain and Dr. Kirtilmandar	TEQIP-III (Online)	--	12	--	11	17	28
25	CED	STTP on "Advances in Geotechnical engineering"	19-23 Nov. 2020	Dr. Jitesh T. Chavda, Dr. C. H. Solanki, Dr. S. Kumar, Dr. S. Shukla and Dr. Ankesh Kumar	TEQIP-III (Online)	--	14	--	23	27	50
26	APD	STTP on "Computational Tools for Physics"	23-27 Nov 2020	Dr. Shail Pandey, Dr. A. K. Rai, Dr. V. A. Kheraj and Dr. D. R. Roy	Self-Sustained (Online)	2	5	--	11	52	63
27	EED-CED-AMHD	2nd International Conference on "Gender Equity : Challenges and Opportunities (ICOGCAO)"	25-27 Nov 2020	Dr. Vasundhara Mahajan, Dr. Anandita Chowdhery, Dr. N. D. Jariwala and Dr. Urvashi Kaushal	TEQIP-III (Online)	--	9	1	32	46	79
28	ACD	International Conference on "Chemical Science in Sustainable Technology and Development (ICCSSTD-2020)"	1-3 Dec 2020	Dr. Bharat Dholkiya, Dr. Suresh Kumar, Dr. Naved Malek & Prof. Tae-Jung Park CAU	Self-Sustained (Online)	3	1	2	29	90	121
29	MED	STTP on "Combustion Concepts and Application"	30th Nov to 4th Dec 2020	Dr. Nikhil Baraiya, Dr. Naresh Y. and Dr. Rupesh Shah	TEQIP-III (Online)	1	16	--	16	27	43
30	MED	STTP on "Research Methodology: Tools and Techniques"	30 Nov to 4 Dec 2020	Dr. Ravikant and Dr. Dinesh Singh	TEQIP-III (Online)	--	8	--	21	34	55
31	CED	STTP on "Advanced Research topics in Geotechnical and Structural Engineering (ART GS 2020)"	28 Nov 2020 to 2 Dec 2020	Dr. Suryawansi S. R., Dr. Shailendra Kumar, Dr. Shruti J. Shukla, Dr. Jignesh B. Patel and Pradeep Muley (MMUT - Gorkhpur)	TEQIP-III (Online)	8	11	--	25	39	64
32	CoED	STTP on "Block chain Technology and its Applications in Internet of Things (IoT)"	7-11 Dec 2020	Dr. Balu L. Parne, Dr. Keyur J. Parmar and Dr. Uday Pratap Rao	TEQIP-III (Online)	2	13	--	--	44	44

Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants				
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total	
33	CED	STTP on " Metro-Rail Construction and Management"	14-18 Dec 2020	Dr. ViishitBhaiya, Dr. Jitesh T. Chavda, Dr. Ankesh Kumar and Dr. Kashyap A. Patel	TEQIP-III (Online)	3	12	--	4	42	46	
34	MED	STTP on " Trends in Mechanical Design and Development"	14-18 Dec 2020	Dr. Sandeep Soni, Dr. SumitKhare and Dr. RohitTamrakar	TEQIP-III (Online)	--	12	--	6	41	47	
35	ACD	International Conference on " Molecules to Materials"	17-18 Dec 2020	Dr. SmitaJauhari, Dr. KalpanaMaheria, Dr. PremlataKumari, Dr. Suban K. Sahoo and Dr. KetanKuperkar	Self-Sustained (Online)	--	32	--	28	72	100	
36	MED	STTP on "Flow, Energy and Combustion"	21-25 Dec 2020	Dr. Vimal K. Patel, Dr. Vikram P. Rathod and Dr. Rupesh D. Shah	TEQIP-III (Online)	2	15	--	11	28	39	
37	ECED	STTP on " Recent Trends in Sensors Technology and Automation"	21-25 Dec 2020	Dr. Piyush N Patel and Prof. Pinalkumar Engineer	TEQIP-III (Online)	3	7	--	5	59	64	
38	MED	STTP on " Fundamental and modelling of CFD"	21-25 Dec 2020	Dr. H. M. Mehta, Dr. Vipul Patel & Dr. Rohan R. Pande	Self-Sustained (Online)	6	4	--	14	33	47	
39	MED	STTP on " Multiple Attribute Decision Making and its Industrial Applications"	21-25 Dec 2020	Dr. Dinesh Singh and Dr. Ravikant	TEQIP-III (Online)	--	9	--	11	34	45	
40	CED	STTP on " Advanced Design of Steel Structure"	22-25 Dec 2020	Dr. A. J. Shah, Dr. Y. D. Patil and Dr. Vashist	TEQIP-III (Online)	6	13	4	16	23	43	
41	COED	STTP on " Cyber Security and Penetration Testing"	28 Dec 2020- 1 Jan 2021	Dr. B. N. Gohil and Dr. S. J. Patel	TEQIP-III (Online)	--	8	4	9	66	79	
42	AMHD	STTP on " Fractional Calculus: Foundations to Frontiers"	28 Dec 2020- 1 Jan 2021	Dr. R. K. Jana and Dr. A. K. Shukla	Self-Sustained (Online)	2	9	--	14	36	50	
43	AMHD	STC Short term Course on " Academic Writing Using LATEX"	4-8 Jan 2020	Dr. Shailesh K. Srivastava, Dr. Indra P. Debnath and Dr. Shailesh Kumar	Self-Sustained (Online)	3	6	--	18	111	129	
44	MED	STTP on " Advances in Manufacturing (AIM 3.0)"	4-8 Jan 2020	Dr. Shaileendra Kumar and Dr. H. K. Dave	ATAL (Online)	10	--	--	99	21	120	
45	MED	STTP on " 2nd Basics of Tribology and its Industrial Engineering Applications (BTIEA -2021)"	04-08 Jan 2021	Dr. Sandeep Soni and Dr. B. M. Sutriya	TEQIP-III (Online)	2	11	--	16	34	50	
46	MED	STTP on " Reality based welding simulator: Significance, Virtual training and Industrial Correlation"	18-22 Jan 2021	Dr. V. D. Kalyankar	ATAL (Online)	2	7	--	169	19	188	
47	APD	Workshop on " Advances in Applied Physics (AAP - 2021)"	18-22 Jan 2021	Dr. Shail Pandey, Dr. A. K. Rai , Dr. V. A. Kheraj and Dr. D. R. Roy	Self-Sustained (Online)	1	14	--	9	37	46	
48	CED	STTP on " Advances in Earthquake Resistant Design of Structure	18-22 Jan 2021	Dr. Guarang R. Vesmawala, Dr. Yogesh D. Patil, Dr. VishistBhaiya, Dr. Rohit Kumar	TEQIP-III (Online)	2	13	21	47	64	132	

Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants			
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
		(AERDS - 2021)"									
49	AMHD-APD	STTP on "Emerging trends in Research and Innovation - Tips & Techniques"	27-31 Jan 2021	Dr. V. H. Prathan, Dr. JayeshDhodiya and Dr. YogeshSonvane	Self-Sustained (Online)	3	5	--	8	32	40
50	CED	15th Days Certification Course on " Road Safety Audit and Other Road safety related aspects"	27 Jan 2021 to 10 Feb 2021	Dr. Ashish D., Dr. G. J. joshi and Dr. S. S. Arkatar	Self-Sustained (Online)	9	17	24	--	--	24
51	MED	STTP on " Research Methodology: Tools and Techniques"	1-5 Feb 2021	Dr. Ravikant and Dr. Dinesh Singh	TEQIP-III (Online)	--	12	--	27	36	63
52	CED	Virtual International Conference on " Sustainable building materials and Construction (ICSBMC-2021)"	4-6 Feb 2021	Dr. Kondraivendhan and Prof. C. D. Modhera	Self-Sustained (Online)	--	4	--	38	148	186
53	APD-AMHD-ACD	Virtual International Conference on " Physical Sciences (ICPS-2021)"	5-6 Feb 2021	Dr. Ajay K. Rai, Dr. Sushil Kumar and Dr. Bharat Dholakiya	Self-Sustained (online)	--	38	--	33	116	149
54	AMHD	Workshop on "Optimization : Theory, Practice & Simulation "	8-12 Feb 2021	Dr. R. K. Jana	Self-Sustained (Online)	2	9	2	8	33	43
55	MED	STTP on " Advances in Materials & Design (AMD-2021)"	8-12 Feb 2021	Dr. S. N. Pandya, Dr. Sandeep soni and Dr. J. V. Meghani	TEQIP-III (Online)	1	12	--	15	27	42
56	MED	FDP (STTP) on " Blended learning and flipped classrooms"	8-12 Feb 2021	Dr. V. D. Kalyankar, Dr. M. H. Bade and Dr. A. V. Doshi	ATAL (Online)	--	6	--	156	12	168
57	CED	STTP on " Air Pollution : Sources, Control and Modelling"	15- 19 Feb 2021	Dr. N. D. Jariwala and Dr. R. A. Christain	TEQIP-III (Online)	3	16	--	41	21	62
58	EED	STTP on " Advancement in Electric vehicle Technology : A step towards Development of Sustainable Transportation system "	18-22 Feb. 2021	Dr. V. A. Shah, Ms. Chandani P. Gor, Dr. Sabha Raj Arya, Dr. K. V. Praveenkumar	TEQIP-III (Online)	5	17	1	10	43	54
59	EED	STTP on " Advances in Control systems Engineering and Application"	24-28 Feb. 2021	Dr. Rahul Radhakrishnan, Dr. GangireddySushnigdha, Dr. Hiren G. Patel & Dr. S. N. Sharma	TEQIP-III (Online)	4	10	--	8	32	40
60	APD	STTP on " Scientific Tools for Theoretical Science (STTS-2021)"	22-26 Feb. 2021	Prof. K. N. Pathak, Dr. Dimple Shah, Dr. L. K. Saini and Dr. YogeshSonvane	Self-Sustained (online)	1	6	--	5	26	31
61	CoED	STTP on " Cyber Threat Intelligence & Digital Forensics"	01-05 March 2021	Dr. S. J. Patel, Dr. B. N. Gohil and Dr. M. A. Zaveri	TEQIP-III (Online)	--	11	--	11	24	35
62	CED	STTP on " Flood Risk	1-6 March 2021	Dr. S. M. Yadav	TEQIP-III (Online)	3	13	1	11	54	66

Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants			
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
		Management"									
63	AMHD	Workshop on "Mathematics and its applications"	8-12 March 2021	Dr. Twinkle R. Singh	Self-Sustained (online)	3	7	--	10	17	27
64	EED	STTP on "Sustainable Development and Recent Advances in Electrical Engineering 65(SDRAEE)"	8-12 March 2021	Dr. Vasundhara Mahajan, Dr. AnanditaChowdhery, Dr. P. kundu and Dr. Pranav Darji	TEQIP-III (Online)	4	11	1	--	42	43
65	MED	STTP on "Research Methodology: Tools and Techniques - III"	8-12 March 2021	Dr. Ravikant and Dr. Dinesh Singh	TEQIP-III (Online)	--	6	--	16	25	41
66	CED	STTP on "Application of GIS and Remote Sensing in Water Resources Engineering"	8-12 March 2021	Dr. V. L. Manekar	TEQIP-III (Online)	6	6	4	4	55	63
67	CED	STTP on "Advances in Special Civil Engineering structures and Materials (ASCESM-2021)"	9-13 March 2021	Dr. S. R. Suryawanshi, Dr. Y. D. Patil and Dr. G. R. Veshmawala	TEQIP-III (Online)	4	14	--	19	38	57
68	MED	STTP on "Multiple Attribute Decision Making and its Industrial Applications-III"	15-19 March 2021	Dr. Dinesh Sigh and Dr. Ravikant	TEQIP-III (Online)	--	9	--	18	24	42
69	CED	STTP on "Design of storm water Drainage system as per CPHEEO-2019"	15-19 March 2021	Dr. P. V. Timbadiya, Dr. BanditaParmar and Dr. P. L. Patel	TEQIP-III (Online)	3	2	--	6	30	36
70	DOC	International Conference on "Emerging Trends in Medical Chemistry (ETMC-2021)"	18-19 March 2021	Dr. SmitaJauhari, Dr. KalpanaMaheria, Dr. PremilataKumari, Dr. Suban K. Sahoo and Dr. KetanKuperkar	Self-Sustained (online)	1	18	--	13	49	62
71	MED	Workshop on "Design and Analysis of Thermal systems using AXSTREAM"	12-16 April 2021	Dr. N. A. Baraiya, Dr. Y. Naresh, Dr. V. K. Patel, Dr. R. D. Shah and Dr. J. Banerjee	Self-Sustained	1	3	--	--	36	36
72	CHED	International Conference on "Advances in Chemistry and Chemical Engineering (ACCE-2021)"	16-17 April 2021	Dr. A. K. Jana, Dr. V. K. Rathore, Dr. M. Chakraborty and Dr. P. A. Parikh	Self-Sustained (online)	--	9	2	14	123	139
73	AMHD-DOP	International Conference on "Mathematical Modelling and Simulation in Physics Sciences (MMSPS)"	17-18 April 2021	Dr. V. H. Prathan, Dr. JayeshDhodiya and Dr. YogeshSonvane	Self-Sustained (online)	7	10	--	36	58	94
74	DOP	Virtual International Conference on "Functional Material and Applied Physics (FMAP-2021)"	14-15 May 2021	Dr. K. N. Pathak, Dr. Dimple Shah, Dr. L. K. Saini and Dr. YogeshSonvane	Self-Sustained (online)	4	15	--	5	32	37
75	AMHD	2nd Short Term Course (STC) on Computational	17-21 May 2021	Dr. Indira P. Debnath, Dr. Shailesh K. Srivastava and Dr.	Self-Sustained	3	4	--	28	131	159

Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants			
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
		Software (MATLAB & Mathematica)		Sushil Kumar							
76	MED	National Conference on "Advances in Mechanical Engineering"kl	27-28 May 2021	Dr. B. M. Sutaria, Dr. H. B. Mehta, Dr. Prabhansu and Dr. B. N. Shahoo	Self-Sustained Under Diamond Jubilee celebration	14	6	1	9	35	45
77	CED	15th Days Certification Course on " Road Safety Audit and Other Road safety related aspects"	23 May 2021 to 7 June 2021	Dr. G. J. Joshi, Dr. S. S. Arkatkar and Dr. Ashish Dhamaniya	Self-Sustained	3	16	17	--	11	28
78	MED	Under Diamond Jubilee celebration International Conference on "Recent Advances in Manufacturing (RAM - 2021)"	10-12 June 2021	Dr. H. K. Dave and Dr. S. Kumar	Self-Sustained Under Diamond Jubilee celebration	2	5	2	45	136	183
79	CED	STTP Virtual Training Program on " Civil Engineering at GMB"	17-21 May 2021 Postponed to 14-18 June 2021	Dr. C. D. Modhera and Dr. B. K. V	Self-Sustained	3	--	105	--	--	105
80	CHED	International Conference on "Green Chemistry and Engineering towards sustainable Development: An Industrial Perspective"	16-18 June 2021	Dr. J. K. Parikh, Dr. Meghal A. Desai, Dr. Sanjay R. Patel , Dr. G. C. Jadeja and Dr. S. K. Sunder	Self-Sustained (online)	--	7	7	25	75	107
					TOTAL	210	816	266	2246	3578	6090

10.4 NPTEL

NPTEL is a resource Centre for an online learning platform. The initiative is funded by the Ministry of Education, Government of India. The project's central idea is to put recorded lectures taught by its member institutes online for open access. SVNIT Surat is the local chapter of NPTEL, which takes this initiative to forward and encourage more students across the institute to participate in this initiative. NPTEL has been offering self-study courses across engineering, humanities and science streams for more than a decade. These are available at <http://nptel.ac.in>. From March 2014 NPTEL has been offering online certification for its courses, the highlight being the certification exam through which the student gets an opportunity to earn a certificate from the IITs.

10.5 Centre of Excellence

‘WATER RESOURCES AND FLOOD MANAGEMENT’ (World Bank assisted TEQIP-II and TEQIP-III, Ministry of Education (Formerly MHRD), Government of India)

About CoE :

The Centre of Excellence on ‘Water Resources and Flood Management’ is one of the CoEs established by World Bank funded TEQIP-II project in the country, and monitored by NPIU (National Project Implementation Unit), Ministry of Education, Govt. of India. The CoE on ‘Water Resources and Flood Management’ was established in Department of Civil Engineering of SVNIT Surat during August 2013 to June 2017 through a grant of Rs. 4.15 Crore. The activities of the CoE are continuing under TEQIP-III also. The CoE is committed in development of world class Computational and Experimental facilities and trained manpower in dealing with water resources and flood issues in the country.

Objective of CoE:

- To develop knowledge centre in the area of Water Resources Engineering and Flood Management by pooling the expertise from academic institutes and field industries through National and International collaborations.
- To strengthen existing Computational Hydraulics lab and Advanced Hydraulics Lab which would help in water resources management, flood forecasting, flood mitigation and study the behaviour of river models, in general, and flood control measures, in particular, for solving specific field problems.
- To propose the research projects in the priority area of Water Resources Engineering, i.e., climate change, sea water intrusion, rain water harvesting, watershed management and morphological behaviour of the rivers, through National and International collaborations to produce world class research output.
- Regular short-term training courses, Staff development programs (SDP), Workshops, Seminars and Field visits are being conducted through the proposed centre to develop the expertise in the area of Hydraulics and Flood Control Engineering among the faculties of surrounding government, private technical institutions and the engineers of field organisations.

Partner Institutes in CoE :

Academic Institutes	Coordinators
SVNIT Surat, Deptt. of Civil Engg.	Dr. P.L. Patel
SVNIT Surat, Deptt. of Mech. Engg.	Dr. J. Banerjee
IIT, Bombay, Deptt. of Civil Engg.	Dr. V. Jothiprakash / Dr. R. Balaji
VNIT Nagpur, Deptt. of Civil Engg.	Dr. A.D. Ghare
MANIT Bhopal, Deptt. of Civil Engg.	Dr. Vishnu Prasad
MSU Broda, Water Resources Engg. & Mgt. Inst.	Dt. TMV Suryanarayana

Field Agencies :

Central Water Commission (CWC)

Central water & Power Research Station (CWPRS) Pune

Narmada water Resources, Water Supply & Kalpsar, Department (NWRWS&KD), Govt. of Gujarat

Surat Municipal Corporation (SMC) Surat.

Research Activities in CoE:

- Development of early warning system for Surat city
- Climate change impacts on water resources of Tapi basin
- Morphological changes in Tapi River
- Flood inundation and flood hazard mapping of Surat city
- Hydrological modelling of Tapi basin
- Two phase air-water mixture study
- Numerical modelling of bed level variation in alluvial channels
- Study of bridge pier scouring
- Study of turbulence characteristics for non-cohesive sediments
- Leak detection in water distribution networks

Computational Hydraulics Lab		Experimental Hydraulics Lab
Bentley WATERGEMS Bentley SEWERGEMS Bentley STORMCAD Bentley HAMMER* MIKE 21 FM*	Academic & Commercial Licences*	<ul style="list-style-type: none">• Multipurpose titling flume with sediment transport collection arrangement• Water Circulation System with fully automated operation through PLC based SCADA system• Laser Doppler Velocimetry (LDV)• Acoustic Doppler Velocimeter (ADV)• Bed Level Profiler• Proposed Multipurpose titling flume under DST FIST Project• Proposed River Tray facility for physical model studies• Proposed Pump testing rig for performance testing of pumps
MIKE 11 MIKE 21 MIKE FLOOD MIKE SHE MIKE URBAN MIKE HYDRO HEC-RAS HEC-HMS HEC-ResSim ArcGIC 10.6 ERDAS Imagine 10.0 AutoCAD STATISTICA 10.2	Academic Licences	
MATLAB 2014a	Institute Licences	
TerrSet Geospatial Monitoring and Modeling Software	Student Licence	
35 Nos. high configured desktop computers		

CoE Library :

The CoE library is aimed to house subject specific reference books by eminent authors which would be useful to the research scholars and faculties in their technological upgradation. The library has till date procured 125+ books authored by leading researchers, academicians and field professionals.

PG Class Room :

There is a provision of class room to undertake teaching for post graduate students of Water Resources Engineering. The PG students are given exposure to recent advances in the field by frequently organizing Expert Lectures from renowned persons as well as site visits and field trips.

Ongoing Research Activities in CoE:

- Two Research Projects titles "Impact of Climate Change on Water Resources of Tapi Basin" (88.26 Lakhs) and "Impact of Climate Change on Water Resources of Sasbarmati Basin" (23.36 Lakhs) funded by INCCC, DoWR RD&GR, MoJS, GoI.
- Development of River Tray facility for physical model studies under fluvial hydraulics.
- Computation of Scour around parallel bridge piers.
- Land use and Land cover changes of Surat City and its impact on flooding.
- Comprehensive reinfall analysis for the Urban Centres of Western Region.
- Morphodynamic and shoreline changes in the lower Tapi River basin.
- Development of Flood risk maps for Surat City.

Activities in CoE during 2020-21:

- Organised TEQIP-III sponsored One-week Short Term Training Programme (online) on "Design of Storm Water Drainage Systems as per CPHEEO-2019" during March 15-19, 2021 as a part of the Diamond Jubilee Celebration of the Institute and "Design of Water Related Infrastructure for Smart City" during July 27-31, 2020.
- Dr. P. V. Timbadiya received 'Prof. R.J. Garde Research Award' for the year 2020 by the Indian Society for Hydraulics (ISH) during HYDRO2020 International Conference at NIT Rourkela.
- A PhD thesis entitled "Integrated Assessment of Hydroclimatic Variability Including Streamflow Modelling of a Climatically Heterogeneous Basin in India" of Dr. Priyank J. Sharma has been awarded "Prof. U. C. Kothiyari - ISH Best thesis award" for the year 2020 during HYDRO2020 International Conference at NIT Rourkela.
- Three of the papers presented at the HYDRO2020 International conference held during 26-28 March 2021, hosted by NIT Rourkela and ISH Pune are awarded as best papers in various technical sessions.
- A Design on "SEDIMENT TRAP" with Design Number: 328731-001 registered in the name of Dr. P. V. Timbadiya, Dr. P. L. Patel and Dr. Shailesh Kumar Patel.
- Following Two PhD Thesis entitled were awarded during July 2020 to June 2021:
- "Assessment of morphological changes in planform, hydraulic geometry and sediment flux pattern in Upper Tapi river, India" and
- "Modeling of Near-Field Radionuclide Concentrations using CFD and Fuzzy approaches in a Lake environment" have been awarded Degree of PhD in Civil Engineering.
- Six M. Tech students have worked on different themes of CoE for their dissertation:
- Hydrological Modelling using SWAT: Morphometric, Sensitivity and Uncertainty analysis
- Multisite calibration and validation of SWAT model for prediction of inflows into Ukai reservoir
- Soft computing techniques in optimization of releases from Dharoi reservoir, India
- Dam Hazard Analysis for Ukai dam, India
- Dam Hazard Classification using 2D Hydrodynamic Model
- Urban Flood Modelling of West Zone of Surat City, India

Publications:

National and International Journal Papers: 11

- Flow field measurements around isolated, staggered, and tandem piers on a rigid bed channel, International Journal of Civil Engineering
- Vorticity fields around a pier on rigid and mobile bed channels, ISH Journal of Hydraulic Engineering
- Key Morphological changes and their linkages with stream power and land-use changes in the Upper Tapi River basin, India. International Journal of Sediment Research.
- Comprehensive Extreme Rainfall Analysis: A study on Ahmedabad region, India. ISH Journal of Hydraulic Engineering
- A novel hybrid approach using SVM and spectral indices for enhanced land use land cover mapping of coastal urban plains. Geocarto International
- Data-driven modelling framework for streamflow prediction in a physio-climatically heterogeneous river basin. Soft Computing
- Impact of Land Use-Land Cover and Climatic Pattern on Sediment Yield of Two Contrasting Sub-Catchments in Upper Tapi Basin, India. Journal of the Geological Society of India
- Analysis of interfacial dynamics in stratified and wavy-stratified flow using Laser Doppler Velocimetry. Experimental and Computational Multiphase Flow
- Physics of aeration in slug: Flow visualization analysis in horizontal pipes. Journal of Visualization
- Recurrence analysis of pressure signals for identification of intermittent flow sub-regimes. Journal of Petroleum Science and Engineering
- On instantaneous pressure surges and time averaged pressure drop in intermittent regime of two-phase flow. Journal of Petroleum Science and Engineering
- National and International Conference Proceedings: 20
- Book Chapters: 03
- Consultancy work: Three consultancy projects worth 31.90 Lakhs completed and five are ongoing.

- Consultancy Projects:
Completed: 04
- Consultancy for “Drainage Plan for Vaghrech Recharge Project, Tal. Gandevi, Navsari, Gujarat”. Sponsoring Authority: Design Point Consultant Pvt. Ltd., Surat
- Consultancy for “CFD Simulation of Flow through Turbine units including tail race channel of ManeriBhari-I Hydro-electric project for finalization of outfall gates in tail-race”. Sponsoring Authority: Uttaranchal Jal Vidhyut Nigam Ltd., Uttarakhand.
- Vetting of design and drawing of (1) CSY-NHRB @ 291.706 Km of Kachchh Branch Canal (Package IR-11-12) (NH Chainage 61+880) (2) NHRB @ 296.681 Km of Kachchh Branch Canal (Package IR-13-14) (NH Chainage 66+880)
- Vetting of design of Sewer System upto STP/Septic tank in two pockets at AFS Hakimpet.
Ongoing: 07
- Providing consultancy services for comprehensive design of rigid, and flexible pavement on both side of existing canal, storm water drainage network etc. and allied works from BRTS Panas to Breadliner Circle- Soham circle uptoBhimrad village. Sponsoring Authority: Surat Municipal Corporation.
- Planning-Engineering design of Rigid and flexible pavements on both side of existing canal, R.C.C conduit for existing canal section etc and allied works from Pal R T O Junction to Amroli-Sayan road (up to outer ring road) via linear park. Sponsoring Authority: Surat Municipal Corporation.
- Proof consultancy services for Construction of Sewerage System of Bhubaneshwar Sewerage District-I on EPC Mode. Sponsoring Authority: Iron Triangle Limited, Ahmedabad.
- Proof consultancy services for Construction of Sewerage System of Bhubaneshwar Sewerage District-II on EPC Mode. Sponsoring Authority: Laxmi Construction, Ahmedabad.
- Proof consultancy services for Construction of Sewerage System of Bhubaneshwar Sewerage District-IV on EPC Mode. Sponsoring Authority: Laxmi Construction, Ahmedabad.
- Consultancy for “Study on sand mining.” Sponsoring Authority: Reliance Gas Pipelines Limited, Shahdol, (M P).
- Third Party Vetting and Approval for the detailed project report for Storm Water Drain of Consultancy for Planning, Designing and Estimation of Storm Water Drainage System and Ground Water Recharge System at GE AF STN UTARLAI.

10.6 Research Park :

Sr. No.	Event	Details
1.	Expert talk by Mohit Saini on 'Thinking Clearly-A process for identifying real problems in the complex world'	This session was about the TOC process, which is useful to remove obstacles, identify and resolve conflicts in both professional and personal realm.
2.	Expert talk by Ankit Kush on 'Harnessing the twin skills: entrepreneurship and Analytics	Ankit Kush is a Global Business head of Marketing Analytics division at Searce. He is a serial entrepreneur with multiple startups to his credit. This session was useful to budding entrepreneurs and for people who want to build their careers in domains related to data analytics, machine learning & artificial intelligence
3.	Expert talk by Priyank Loonkar on 'The art of Entrepreneurship,	Priyank Loonker is Founder, Director of Studio Dialog Box. He is a Creative entrepreneur with multiple startups. He is an alumnus of NIT Surat (Electronics engineering) and MICA. In this session he covered some of the top soft skills that have helped him over the last 6 years of his entrepreneurial career. It was a useful session for budding entrepreneurs and for people who want to build their careers in the service industry.
4.	Expert talk by Yash Shah on 'Demystifying Startups'	This session was about various stages of startup and how to go ahead with each stage step by step in the startup journey.
5.	Student Associateship Program-2020	In this program, the Participants were undergoing various sessions like Knowledge Building, Personality Development, Skill Enhancement etc. The participants learned a lot in terms of teamwork, efficiency, and practicality of projects in the real world.
6.	Expert talk by Vivek Gaur on 'Execution Challenges of a Budding Startup'	In this session he explained various execution challenges for startups and how to overcome them.
7.	Ignition-A challenge for Pre-Seed Funding	Under this Program, applications were invited at Idea level to develop the pre-incubation pipeline and sanctioned grant of upto Rs. 50,000/- per idea under SSIP given to selected participants for PoC development. This program was open for all Students, Startup Enthusiasts with an Idea. 41 applications received under the Ignition Startup Support Program from all across Gujarat.
8.	Virtual Meet-up on Foundation Day	On September 25, 2020, ASHINE-TBI at SVNIT witnessed a virtual meet-up on its Foundation Day.
9.	Children Innovation Festival with GUSEC/ Early Stage Innovation	ASHINE is associated with GUSEC & UNICEF as an Ecosystem partner for Children Innovation Festival (CIF), an initiative that aims to identify, nurture and support children-led innovations in the state of Gujarat. CIF 2020 aims to provide child innovators with a chance to turn their innovative ideas into a reality. Total 2135 Students participated from 29 States and Union Territories. Total 1610 ideas submitted by children across the nation. And Total 238 ideas submitted from South Gujarat Region.
10.	Startup Demo Day	ASHINE and i-Hub, Gujarat have jointly organized "Startup Demo Day" to enable the culture of collaboration amongst Start-Ups within the ecosystem.

Sr. No.	Event	Details
11.	Product Demo by startup Gradeazy	ASHINE has organized a Product Demonstration by its incubated startup Gradeazy at SVNIT conference hall to enable its ed-tech startup to demonstrate its product & services to the SVNIT management team.
12.	WF Startup Labs Program	ASHINE - TBI, SVNIT in partnership with Wadhwani Foundation - Startup Labs launches the 10-week Entrepreneurship Program for 29 Student/Startup teams.
13.	e-Inauguration of Sardar Vallabhbhai Innovation Centre	With the support of Student Startup & Innovation Policy (SSIP), Sardar Vallabhbhai National Institute of Technology (SVNIT) e-inaugurates Sardar Vallabhbhai Innovation Center (SVIC) on the 11th of November 2020, 5:00 PM to 6:15 PM through a Facebook live, in the august presence of Hon'ble Bhupendrasinh Chudasma ji, Cabinet Minister, Education Department, Gujarat (Chief Guest), Smt. Anju Sharma IAS, Principal Secretary, Higher Education Department, Government of Gujarat (Guest of Honour), Shri. M. Nagarajan IAS, Director, Higher Education Department, Government of Gujarat (Special Guest). SVNIT - Surat hosted this e-Inauguration, for the student teams and student startups who have put up extraordinary efforts into building their venture under SSIP.
14	Startup Interact	Conducted Startup Interact Event at ASHINE. Startup Interact is a platform to enable the culture of Entrepreneurship, Collaboration, Learning & Interaction of existing student's Start-Ups and start-up enthusiastic students.
15	Catalyst 1.0 - An invite for Start-ups applications for Pre Seed funding under SSIP, GoG	Under this Program, applications are invited on Prototype to MVP level to develop the pre-incubation pipeline and sanctioned grant of upto Rs. 2,00,00/- per startup under SSIP given to selected participants for MVP development. This program was open for all Students, Startup Enthusiasts with an Idea. Total 09 applications have been received under the Ignition Startup Support Program from all across Gujarat.
16	Hackathon 4.0	Conducted a national level Hackathon 4.0 "DOTSLASH - Root to Ideas", a 30 hours long event during 30th-31st of January 2021 with the aim to challenge the students to think out-of-the-box and offer innovative, disruptive, and sustainable solutions to build smart applications that would help address major real-world problems of our society. The event was organized virtually on the Airmeet platform. After getting 843 registrations from 381 teams all around the nation, the best 40 teams (113 Participants) were shortlisted.
17	Workshop: Innovation and entrepreneurship by Mr. Anand Chiudhary	This session helped participants learn team-based problem solving and business model development to create a practical foundation for a viable company. The session was conducted by Anand Chowdhary, CEO of Koj & Judge at DotSlash 4.0 at 2:00 pm on 24 January 2021.
18	Workshop: Git and Github by Sahil Nare	This session was on Git & GitHub. It is a must-learn tool that is required in every domain and is very important to learn for all developers. The session was conducted by Sahil Nare, Team DotSlash 4.0 at 2:30 pm on 26 January 2021.
19	Workshop: The Hacker Mindset by Angela Bee Chan	This session covered the answer to the question, "What does it take to be a perfect team, collaborate effectively, and win hackathons by giving your best?" The session was conducted by Angela Bee Chan, CEO of Hackathons International at

Sr. No.	Event	Details
		2:00 pm on 26 January 2021.
20	Workshop: Explaining what, why, and how of Machine learning by Ayon Roy	This session covered concepts of Machine Learning, one of the most researched fields currently because of its wide range of applications and its incredible ability to adapt and provide solutions to complex problems efficiently, effectively, and quickly. The session was conducted by Ayon Roy, Machine Learning Enthusiast & Mentor at DotSlash 4.0 at 7:00 pm on 29 January 2021.
21	Energise 1.0 - An invite for Start-ups applications under Scheme for assistance for Startups/ Innovation, GoG	ENERGISE 1.0 is a specific program created by ASHINE to receive, filter, and enable the applications received for seed-funding. These filtered applications are then forwarded to Industries Commissionerate at Government of Gujarat, where they undergo a two-level screening; before they are recognized/approved under SAS. 18 applications have been received under Energize 1.0. Startup Support Program from all across Gujarat.
22	Faculties Sensitization Workshops	Two sensitization workshops were carried out for all the departments at SVNIT to spread awareness about ASHINE and sensitize regarding the benefits and support provided under the Student Startup & Innovation Policy (SSIP), Scheme for Assistance for Startups/Innovations (SAS), National Initiative for Developing and Harnessing Innovations (NIDHI) by ASHINE, SVNIT. The Sessions scheduled on 10th and 12th February 2021. Total 46 faculty members attended these sessions.
23	Expert talk by Ankit Macchar on 'Preparing for Successful Entrepreneurial Journey'	The session was conducted by Mr. Ankit Macchar (Head – Ecosystem Development, NEN India, Southeast Asia, and Egypt, Wadhvani Foundation). It was an interactive session. Total 88 Students participated in this virtual event.
24	Workshop- Smart Solution for start-up Incubators	Arranged a workshop for the startups and startup enthusiasts associated with ASHINE in partnership with ISBA and HDFC Bank. HDFC Bank has set up a smart solution (SmartUp) for Startups. SmartUp is leveraged to assist in achieving startup goals with smart financial tools, smart advisory services, and technology. HDFC Bank has developed a specialized end-to-end banking solution for startups
25	Expert talk on by Vikrant Potnis 'Art of equity fundraising and fundenable tool kit'	Arranged a workshop to understand how the fundraising process can be carried out. The session was conducted by Mr. Vikrant Potnis -Founder of FundEnable Toolkit- and having vast experience across Venture Capital and Investment banking by collectively working on transactions upwards of INR 200 Cr. It was an interactive session where a total of 10 startups have participated and cleared their doubts related to startup valuation and fundraising.
26	Expert talk by Anand Mashruwala on 'Validation of a product and effective marketing strategy'	The session was conducted by Mr. Anand Mashruwala (Partner at M/S. Venus Engineering Works). . It was an interactive session where a total of 96 participants consisting of incubated startups, student associates and student startup enthusiasts joined and cleared their doubts with an industry veteran.
27	Startup Internship Program 1.0	Startup Internship Drive for the Student Associates at ASHINE was conducted virtually on February 20, 2021. Student Associates who have completed the certificate course by Startup India and UpGrad and acquired basics

Sr. No.	Event	Details
		related to Startups & Entrepreneurship in Students Associateship Program selected for this. Startup founders interacted with 40 Students Associates and presented Internship opportunities available to their startups.
28	Catalyst 2.0- An in invite for Start-ups applications for Pre Seed funding under SSIP, GoG	Under this program, applications are invited for startups who want to avail pre- seed funding to develop prototypes. This program was open for all Students, Startup Enthusiasts with an Idea. 17 applications have been received under the Ignition Startup Support Program from all across Gujarat.
29	Training workshop by Yash Shah on 'Creating a Correct Pitch Deck and Elevator Pitch'	Arranged a virtual training workshop on "Creating a Correct Pitch Deck and an Effective Elevator Pitch" by Mr. Shah on March 04, 2021, for the inducted startups and startup enthusiasts associated with ASHINE. Total 20 Startup founders/co- founders attended the event
30	Expert talk on 'Opportunities for Digital transformation in Gems and Jewellery Industry' by Rishikesh Trivedi	Arranged a workshop to understand opportunities for digital transformation in the gems & jewelry industry. The session was conducted by Mr. Rishikesh Trivedi. Mr. Rishikesh is a strategic investor and advisor in multiple tech startup companies. It was an interactive session. Total 36 participants interested in the Gems & Jewelry Industry participated in this virtual event and understood the various opportunities for digital transformation in the Gems & Jewelry industry.
31	Energise 2.0 - An invite for Start-ups applications under Scheme for assistance for Startups/ Innovation, GoG	ENERGISE 2.0 is a specific program created by ASHINE to receive, filter, and enable the applications received for seed-funding. These filtered applications are then forwarded to Industries Commissionerate at Government of Gujarat, where they undergo a two-level screening; before they are recognized/approved under SAS. 16 applications have been received under Energise 2.0. Startup Support Program from all across Gujarat.
32	10 workshops Series on Intellectual Property Rights by Dr. Anish Gandhi	SSIP Cell at ASHINE-SVNIT organized a workshop series on Intellectual Property Rights (IPR) for interested students, startup enthusiasts, and incubated startups. It was an interactive session where a total of 308 participants consisting of incubated startups, student associates, and student startup enthusiasts joined and cleared their doubts.
33	2 Workshops on Finance for Founders	Fundraising is a long process of self-reflection and effective negotiation. ASHINE-TBI organized a 2-day workshop on "Finance for Founders", to understand the process of fundraising.
34	WF Startup Labs Program-Cohort 2.0	ASHINE - TBI, SVNIT in partnership with Wadhvani Foundation - Startup Labs launches the 10-week Entrepreneurship Program for 13 Student/Startup teams.
35	MoU with SGCCI	In an effort to bridge the gap between industry and academia and to strengthen the entrepreneurial ecosystem in South Gujarat, a Memorandum of Understanding (MoU) was signed between Association for Harnessing Innovation and Entrepreneurship (ASHINE), a NIDHI - Technology Business Incubator (TBI), Sardar Vallabhbhai National Institute of Technology (SVNIT) and The Southern Gujarat Chamber of Commerce and Industries (SGCCI) on 26th June 2021 (Saturday) at 4:00 pm.
36	Energise 3.0 - An invite for Start-ups applications under	ENERGISE 3.0 is a specific program created by ASHINE to receive, filter, and enable the applications received for seed-

Sr. No.	Event	Details
	Scheme for assistance for Startups/ Innovation, GoG	funding. These filtered applications are then forwarded to Industries Commissionerate at Government of Gujarat, where they undergo a two-level screening; before they are recognized/approved under SAS. 35 Applications have been received under Energise 3.0. Startup Support Program from all across India.
37	WF NextGen-Activate	SSIP Cell at ASHINE-TBI, SVNIT in collaboration with Wadhvani NEN i.e. 'NextGen' which is an online experiential program providing skills, tools, and knowledge to transform ideas of the youth into real ventures and enable them to become successful entrepreneurs. ACTIVATE: To enable students in the early years of their graduate program to build upon their idea from scratch.
38	WF NextGen-Ignite	SSIP Cell at ASHINE-TBI, SVNIT in collaboration with Wadhvani NEN i.e. 'NextGen' which is an online experiential program providing skills, tools, and knowledge to transform ideas of the youth into real ventures and enable them to become successful entrepreneurs. IGNITE: To enable professionals and students in later years of their graduate program to take their ideas to early revenue real ventures.
39	Faculty orientation Workshop	A Faculty Orientation Program was carried out for the newly recruited faculty members at SVNIT. Under the leadership of Dr. R. V. Rao, Dean (Faculty Welfare), and Dr. V. A. Kheraj, Asso. Dean (Faculty Welfare); 33 faculty members visited ASHINE (NIDHI-TBI) at SVNIT on 25th June 2021 from 5:30 pm onwards. The faculty members interacted with the ASHNE team and understood the importance of developing an innovation-focused entrepreneurial ecosystem and the initiatives being carried out to nurture the startups
40	Case Study Challenge	Case Study Challenge organized by the students of S.V. National Institute of Technology, Surat, for undergraduate students presents across the nation along with the SSIP cell of ASHINE-SVNIT as an ecosystem partner. The challenge motivates some of the best minds of India to solve a real-life business problem. The event was organized virtually. After getting 500 registrations from 284 different teams all around the nation, the best 62 teams were shortlisted for the second round, subsequently, the best 12 teams were selected for the final round.
41	PoC/ Projects Supported	Total 05 PoC/ Projects Supported with total financial Grant of Rs. 1,75,316. (Attached- Annexure-1)
42	Startup Supported	Total 39 Startups Supported under Pre Incubation and Incubation Program with total financial Grant of Rs. 3,03,855 (Attached- Annexure-2)

Project / PoC Supported

Sr. No.	Project title	Financial Support
1.	Agrobot for Farm Assistance	43,493.00
2.	Cost Effective Biogas and Manure Generation Using Kitchen Waste- Rice Husk Substrate	24,825.00
3.	Development of Solar Assisted Evaporative Cooler with Biomass As Desiccant Material for Coastal Areas of Gujarat	22,274.00
4.	Pipe Leakage Detection and Repair Robot	33,127.00
5.	Touch-Free YoUVen: An Indigenous Touch-Free UV-C Based Disinfectant Box for Surface Decontamination in View of COVID-19 Pandemic.	51,597.00
	TOTAL	1,75,316.00

Startup Supported:

Sr. No.	Startup Name	Founder Name	Startup Description
	Startups supported under Pre Incubation Program (Under SSIP, GoG)		
1.	Piblitiz	Harnish Rajput	Piblitiz is a platform where Tech creators can come and upload their projects. Tech creators include Cad-designers, embedded system engineers, tech bloggers, students, professors, etc. Anyone on the platform can edit or add new knowledge to any project. enabling us to build and share "OPEN KNOWLEDGE" for the community. It is a platform for knowledge development where anyone can crowdsource any knowledge by getting knowledge contributions from people worldwide.
2.	INWO Electric	Viraj Kesarwani	INWO Electric Mobility and Transportation works in the field of development of electric vehicles and how quickly the conversion to electric era can be prevailed in India. It is started as a solution for the students who live in the large campuses like SVNIT where choosing between bus, rickshaw, taxi or any other mode of transportation is a big headache. Owning a personal vehicle is hard for students who live with a budget throughout college life. Hence giving them experience of owning an electric vehicle through renting Electric Cycles whenever needed and having it just a message away. The startup focuses on reducing the latency between the user and electric vehicle by designing a quick and low cost renting system.
3.	Star	Sunny Kabrawala	STAR is a Space Education & Research based startup that firmly believes that Space is for Everyone. Star provides Project-Based Learning and Hands-on Experience on space technologies to young minds. Star provides training, mentoring, and infrastructure to build space-based innovations. They are building a community of the future space generation. They have built Mars Rovers, Small Satellites, Model Rockets, and also launched 30+ High Powered Rockets.
4.	Valuationary	Pratik Bajaj	Valuationary is an Edtech platform to learn the practicalities of the financial world. They are building

Sr. No	Startup Name	Founder Name	Startup Description
			a complete ecosystem around the BFSI domain by providing highly curated courses, free courseware, webinar, newsletters & blogs to bridge the skill-gap between products of the education system & requirements at the workplace. The platform enables the candidates to become employable by upskilling and then connects them with our hiring partners who are exactly looking for practical traits in their ideal resource.
5.	Nova Tech Labs	Nived Hareesh	Nova tech labs have built the smallest satellite that weighs only 29 grams and has the size of 3*3.3 cm ³ volume which can go into space and helps to fetch the data from LEO. These Small Satellites are faster, cheap, and reliable than conventional satellites. These small satellites can change the revolution of faster and safer data with constellation-based networks that consist of hundreds of small satellites that are responsible for fetching real-time data.
6	VEGG	Akshar Vastrapara	VEGG is making a smart home system VEGG platform that will enable all smart home devices to be connected to each other. They are designing an affordable solution for the wireless smart system ecosystem within a home that can connect smartphones to smart belts.
7	Flower Composter	Rajnikant Prasad	Solid waste management and solutions deal with solid waste management, a step towards sustainability, by providing a platform to manage all organic waste generated from different sources. They provide patented composting machines for the rapid degradation of organic waste into nutrient-rich compost within 20-25 days.
8	Caresy	Akash Hirani	Caresy is a holistic parenting app that fulfills everyday parenting needs. Through our App, we assist in the digital tracking of baby's day-to-day activities and milestones. We also aim to integrate medical experts, childcare experts, day-care centers, baby stores, and various other baby businesses by using technology.
9	Smart Charging Solutions	Prince Jain	Smart Charging Solution provides power converters for developing charging infrastructure for all types of EVs as well different industrial and R&D academic applications. Also, their pick-and-go service of fully charged batteries will save the time of charging up the vehicles.
10	Collab-Gram	Ragni Trivedi	At Collab Gram, they aspire to create a digital pathway that can scale commercially viable opportunities in rural India by connecting budding businesses to one another and enabling them to function as strong and competent organisations. Empowered with synergistic partnerships, an e-commerce platform that enables access to larger markets, and a social media platform that can incorporate comprehensive development, they can tap into the enormous potential residing within the rural niches of India.
11	ArogyaAir	Preet Kadivar	ArogyaAir is a healthcare hardware startup, which builds Air purification solution for residential and workspaces through a new type of ceiling fan that not

Sr. No	Startup Name	Founder Name	Startup Description
			only provides cooling effect but also purifies Air for particulate matter, dust, smoke, mites, VOCs and all other harmful pollutants. Also reduce the possibility of Viral/bacterial (including SARS-COV) spreads in spaces. Their technology is way powerful, efficient & silent than any other market variant and cutting half the cost for large area uses.
12	Maypole	Krunal Savaliya	Maypole - a USB flash memory stick, which lets you transfer files over the Internet connection turning any USB port into a hub for wireless collaboration.
13	Uplive	Yash Katiyar	UpLive is the one-stop solution for all the accommodation needs of students and working professionals, now made convenient & accessible like never before. UpLive lets you discover available listings, explore 3D models, take virtual tours, and provides a seamless onboarding experience. Once you've made up your mind to Up-Live, you can go around your day, exactly how you want to, leaving all the mundane tasks up to us - meals, cleaning, maintenance, laundry, and anything else that you can need can all be now managed straight from your smartphone, as you get the best-in-class hygiene, security, wi-fi service and customer support at UpLive stays. The customer can choose from our tailor-made plans that best suit them and have add-ons that they might need down the road. All the while they can spend their time and energy where they really have to.
14	Air februs technologies	Anudeep Nema	Air februs technologies provide environmental friendly and sustainable solutions to reduce air pollution and improve the health of mankind. Our team members have expertise in the design and manufacturing of airbags for industry bag houses to reduce air emissions from chimneys. Also, our company has a very devoted, faithful and focused marketing team to manage market potential. Air februs technologies also provide air purification systems for commercial buildings, institutions and public areas.
15	Herbal Plus hygiene	Shobha Rawat	Nowadays, UTI (Urine Tract Infection) is a big issue to women and causes several health issues. Extraction from herbal plants such as seeds, leaf and bark of neem will be used for the disinfection of those bacteria which causes UTI. The Different concentration of sample will be prepared without addition of any chemicals but additional of other herbs for fragrance purpose. The main motive of this start-up is to prepare a chemically free product which can be used in sanitation and other purposes
16	MN Sustainable Energy Pvt. Ltd.	Utkarsh Madhu	They are developing IIS (INGENIOUS IRRIGATION SYSTEM) which is an IoT-based automation, powered by AI-powered water management solution to revolutionise water network systems in agriculture. IIS is a combination of Advance IoT, AI and ML technologies. It is designed for high precise farming to increase the wealth of farmers. IIS takes multifaceted approach by monitoring Soil Condition i.e. Monitoring Soil Moisture, Soil Temperature,

Sr. No	Startup Name	Founder Name	Startup Description
			Monitoring Soil nutrients like NPK etc., Weather condition, and Water and Nutrients used by Crop to determine requirement Water and Nutrients for Ingenious Irrigation and Fertigation. It can be used in Drip irrigation. The system Automatic determines Start and Stop of irrigation with fertigation without human intervention for particular areas of Farm.
17	Krsna-A Cleanliness Drive	Lekha Maheshwari	Nowadays, UTI (Urine Tract Infection) is a big issue to women and causes several health issues. Extraction from herbal plants such as seeds, leaf and bark of neem will be used for the disinfection of those bacteria which causes UTI. The Different concentration of sample will be prepared without addition of any chemicals but additional of other herbs for fragrance purpose. The main motive of this start-up is to prepare a chemically free product which can be used in sanitation and other purposes
18	Legal Intelligence	Jenish Dhanani	Legal Intelligence is a LegalTech Firm that aims to integrate the Legal domain and Artificial Intelligence (AI) to empower the Legal community with state-of-the-art technologies for efficient, versatile and advanced Legal research. A team of experienced researchers conceptualized Legal Intelligence to enhance Legal professionals' efficacy and productivity by reducing laborious efforts for Legal research. Our team is highly qualified and practicing advanced AI and Deep Learning technologies in Legal Informatics. Presently, we are developing a Web/Mobile/Dongle based intelligent Legal search engine and Recommendation system to identify and recommend the most relevant Legal documents based on the query/keywords/free text/document given by the litigants and professionals like advocates, judges, law students and other related users aiming with a real-time response.
19	ACE Charge	Praveen Shankar	ACE Charge will provide the solution for DC fast Charging stations with global standards (CCS and CHAdeMO) for a wide range of electric vehicles, starting from lite EVs to large Commercial EVs, through Innovation and technology. They will manufacture DC fast chargers from 20kW to 300kW and provide a complete solution (Manufacturing, Installation, Service, Maintenance, Smart Billing) for EV charging stations, with vehicle to grid capability.
20	Hola Peeps	Nikhil Kumar Gautam	Hola Peeps is a Community based Voice-Only Social Network for real-time spontaneous communication. You can have worthwhile discussions in various public HolaClubs and send requests to people you like, to add them to your network. or just have casual conversations with your friends.
Startups supported under Incubation Program (Under SAS-IC, GoG)			
01	Gradeazy	Dishant Gandhi	A vernacular platform for conducting stress-free affordable online assessments. Gradeazy is a highly scalable, mobile-first platform with advanced features like proctoring, dictate-to-type in more than 25+ languages, snip, paste and convert from any document or even handwritten text and much more.

Sr. No	Startup Name	Founder Name	Startup Description
02	Urisol	Asfak Patel	This innovation is about the selective recovery of water and fertilizers (NPK) from the source-separated human urine from the hostel urinals having the capacity of 800 students. This project is divided into two sections; First: Recovery of water using Forward Osmosis (FO) technology and Second: concentrating of nutrients (NPK) as the recovery of fertilizers using the Struvite precipitation and Absorption technique. For the forward osmosis process, they have designed a novel Vertical Upward Flow Forward Osmosis reactor (VUF-FO), which ensures the higher rejection of the urine constituents and separates the high-quality water (This novel designed reactor and its process have been applied for the patent). They have also developed and patented our own FO membrane which is comparable with the commercial FO membrane. This patented membrane will be utilized in the VUF- FO reactor for water recovery and nutrient rejection.
03	poshaQ	Ruchit Dalwadi	They have created a sophisticated AI algorithm that is able to extract information from images to help augment content for ecommerce products.
04	Trezix	Nitya Desai	Digitisation using micro service architecture for Import Export. At present there is no single platform which collaborates Customer / Suppliers, Customs, CHA and Freight Forwarder.
05	Digien	Urvi Kushal Adhvaryu	CA Office Pro offers an all-in-one solution to CAs. CA Office Pro can plan an entire year's schedule for an office in just a few minutes. This structured planning involves segregating client's work based on different services, allocating tasks to employees and tracking the details of work in real-time. Now each employee knows what she has to work on each day throughout the year. With automated billing, offices can expect faster and better payments from customers. The platform allows to track hourly work done by employees every day. The application offers geotagging so that audit assignments can be monitored in real-time. Automated tracker and reminder messages are sent to clients so that their data can be received in time and returns can be filed before worrying about the deadline. Instead of receiving physical files and data on emails, CA Office Pro provides a common platform to CAs and their clients to share files and data. CA Office Pro stores all the data in database tables and not as flat files in servers, making data more secure than what other applications offer.
06	Design Playstore	Shivani Chattarachatri	First of a kind game-toy to design thinking, most of the earlier interventions are flashcards. The two main problems in flashcards:Proves difficult to hold the attention of kids in the given age group. This leads to an extensive parents/educator intervention (they need to read it to them); (ii) Leverage & build on innate skills of kids to make it playful & engaging. For example one of the products named Bulby is a light and shadow game. It teaches ideation skills to kids with sunlight, a universal and natural trigger. The

Sr. No	Startup Name	Founder Name	Startup Description
			game is built on the innate skill of making patterns. (iii) Toy/game can be played in multiple settings – outdoor, indoor, in a tent, sleepover; (iv) Global appeal: no barrier of language & geography.
07	Ugaal	Hiren Sharedalal	Startup has developed an attachment to helicopters which can airlift 8 persons at a time making rescue 5 times faster than ever, named as RESCUE LIFT for which PATENT has been granted. Useful in Disaster management and Defense departments all over the world
08	Dream Parenting Child	Jitendrabhai Timbadiya	This is a mobile App-based Program, easy to access anywhere and anytime. There is no such online product available in the market in Gujarati Language. The proposed mobile application-based baby care (brain development) guidance is in local language i.e. GUJARATI. The product proposed is very scientific and Indian culture-based. The baby care is based on Ayurveda and Yoga Based Daily Routine, Raag and Dance Therapy, Spiritual Brain Health, Meditation, etc
09	KasperTech	Krishna Ojha	UltraviZ is a smart device that is capable of processing real time feed from any surveillance cameras. With AI at its core, UltraviZ is capable of detecting accidents and informs them to the authorities within seconds instantaneously.
10	Zorko	Amrit Nahar	They deal in various Health supplements based on Vata-Pitta-Kapha(Dosha), processing of Organics, and medication Farming through farmers. They will soon launch our Health Tech Platform with customized health Supplements based on Dosha and a Classified platform for all edibles based on Dosha.
11	Lalchee Commerce E-	Rachit Agarwal	Lalchee aims to combine the trust and features of ERP tools of the SaaS platforms and the agility and diversity of web based platforms in one. Lalchee has the below enumerated features on a single platform which currently are scattered over various platforms. This would be a large attraction not only for SME and MSME companies but also for large scale entities.
12	Shyam Innovations	Bharat Parmar	Animal Repellent Systems for farmers and army. The product has 300 types of frequency variations. We cannot hear sounds higher than 20 kHz, but some animals, such as rodents, can identify noise in the ultrasonic range. Some insects can detect frequencies from 50,000 Hz to 100,000Hz. UltraSonic Rodent and animal Repellent is designed to produce sounds high enough to deter rodents & animals. There are multiple 300 type frequency variations inside the product complexity and changing frequencies prevent rodents from getting used to the sound emitted. In other products, there is no facility like this.
13	Linkjoy	Shashwat Bhatt	Linkjoy helps Creators Increase Brand Awareness, Generate More Leads and Re-Target one-time Visitors.
14	Piblitiz	Harnish Rajput	Piblitiz is a platform where Tech creators can come and upload their projects. Tech creators include Cad-designers, embedded system engineers, tech

Sr. No	Startup Name	Founder Name	Startup Description
			bloggers, students, professors, etc. Anyone on the platform can edit or add new knowledge to any project. enabling us to build and share "OPEN KNOWLEDGE" for the community. It is a platform for knowledge development where anyone can crowdsource any knowledge by getting knowledge contributions from people worldwide.
15	Valuationary	Pratik Bajaj	Valuationary is an Edtech platform to learn the practicalities of the financial world. They are building a complete ecosystem around the BFSI domain by providing highly curated courses, free courseware, webinar, newsletters & blogs to bridge the skill-gap between products of the education system & requirements at the workplace. The platform enables the candidates to become employable by upskilling and then connects them with our hiring partners who are exactly looking for practical traits in their ideal resource.
16	Br-Scan	Dhruv Patel	Cancer mortality can be reduced when detected and treated early. BR-Scan 1.0 device is a one of the new health and wellbeing products for women. It is one of the unique inventions for the detection of breast cancer and certain breast abnormalities at home on DIY basis. The use of the BR-Scan 1.0 device as part of your regular routine, assists in finding breast abnormalities using red light technology where you are visually able to find any unusual changes within your breast at your home. Red blood cells strongly absorb light at about 550 nm (the absorption bands of oxyhemoglobin). When someone examines her breast with our device BR-Scan 1.0 (which has a red and green light about 540-624nm) they can find any abnormalities in her breast and consult the cancer experts or a doctor for further investigation. Along with this, we have added app based integration so users will store their scanning data in digital form (PDF) which can be used to refer with the doctors as well.
17	Crooze App	Nikita Lalwani	Cycling Cities has launched a fitness app Crooze to accelerate cycling by rewarding every kilometer of cycling & building & nurturing cycling ecosystem
18	Ecovia	Dhwani Mehta	Ecovia is India's first Packaging-as-a-service company that helps e-commerce and hyperlocal players switch to reusable, returnable packaging. They think of packaging waste as a systems design problem, which cannot be solved by simply tweaking the broken linear consumption model with alternative packaging materials like paper and bioplastic.
19	Bits and Studios	Pratik Bhatt	Bits and Studios offer live 1-1 Live online Makerspace courses for K-12 children. We offer a combination of personal mentorship to guide student's projects through live 1-1 online classes and a home-brewed AI system that recommends courses, designs Project-based-learning-curriculum and encourages learning by "making" through asynchronous learning.

10.7 SC/ST Cell :

Sardar Vallabhbhai National Institute of technology Surat constructed SC/ST cell as per the instructions of Government of India, Ministry of Personal, Public Grievances and Pension (Department of Personal and Training) vide office memorandum No. 43011/153/2010-Estt. (Res) dated 4th January 2013.

The role and responsibility of the cell as below,

Grievances redress for the grievances of SC/ST students and employees and render them necessary help in solving their academic as well as administrative problems.

Monitors and evaluates the reservation policies and other programs intended for SC/STs by the Government of India for their effective implementation at Sardar Vallabhbhai National Institute of technology Surat.

Suggests the follow-up measures to the administration of the Institute for achieving the objectives and targets laid down by MHRD for the empowerment of SC/STs.

Dissemination of the awareness of higher education to the SC/ST student.

During academic year 2020-21 the following activities are carried out by SC/ST cell

Sr. No.	Name of the activity
1	Created the webpage for information about SC/ST cell and their activities on institute website.
2	Created the email scstcell@svn.ac.in for SC/ST cell so students and faculties can register their online complaints for any discrimination.

10.8 Women Cell Activity:

As a part of celebration of International Breastfeeding week (August 1-7, 2021), Women Cell SVNIT organized a webinar on "Protecting Breastfeeding" on 7th August, 2021.

Mrs. Minakshi Tripathi (Associate Professor, Food Science and Nutrition Dept. Vanita Vishram, Surat) and Dr.Salim Hirani (MD, Pediatrics) along with their students delivered a talk.

10.9 Hindi cell

Hindi Pakhwada- 2020

Opening Ceremony (07/09/2020)

Hindi Pakhwada was organized this year in Corona through online medium.

Poetry Competition (07/09/2020)

Hindi Pakhwada organized by the Official HindiCell of Sardar Vallabhbhai National Institute of Technology, Surat 2020,a program of poetry reading competition was organized on 07 September 2020. It started at 6:30 pm under the chairmanship of **Dr. Tushar Desai and Ajay Kumar Sharma**, on Google Meet App. A total of 26 participants demonstrated their talent by participating in it, in which students of **B.Tech, students of M.Sc, M.Tech and P.D.s were in agreement**. All Hindi the participants and their poetry beautified the program. The program was organized through online medium and its live broadcast was done by Official Hindi Cell's YouTube channel. A total of more than 585 people viewed the event online.The names of the judges of this competition were:

Shazah Singhamuddin Khan(Shaznanshad), Surat, Hindi / Urdu shayar

Dr. Pannashivedi Professor, Gujarat Department, Veernamrad South Gujarat University, Surat (Hindi Poetry Song and Hindi Kahani Sangrah-20)**The famous poet PannaShrivedi, Hindi/Urdu poet Shazah Singhamuddin Khan (Shaznanshad) and Dr. Tushar Desai recited their poetry in Hindi.**In the end, the famous poet Panna Shrivedi, Hindi/Urdu poet Shazah Singhamuddin Khan (Shaznanshad) The names of the winners were announced.

Debate Competition (08/09/2020)

Debate Competition was held on September 8, 2020. This competition was conducted in two phases, in which total 26 participants participated. The 1st phase started on 08/09/2020 at evening 6:00 pm, In this round the students were given subject and argument, The subject was "Give freedom of expression", and argument was on "government policies related to Covid 19". Students were selected for Phase II from the 26 students based on their performance in Phase I. Second phase started on 13/09/2020 at 5PM. In the second stage, all the 10 selected students from Phase I were given two topics each and they were asked to express their point of view on any one topic. After that, questions were asked on the base for their views on the topic and the best performance was declared the winner. The competition was hosted held under the chairmanship of by Dr. Ktan Kuperkar and Mr. C. Shoemaker.

Poster Designing Competition (10/09/2020)

The poster designing competition was held in two phases, each phase being a knock-out phase. In Phase I any one of the topics (e.g. - nature, coronavirus, self-reliant India etc.) were given. This competition was conducted from 08:00 am on 9th September 2020 to 12:00 pm on 10th September 2020. A total of 25 contestants participated in this out of which 11 contestants were selected in the first phase. All the contestants were told about the topics of their posters on 9th September 2020 at 8:00 AM and they were asked to submit his poster on google link page in the given time. In the second phase, all the contestants selected in the first phase were asked to make the symbol of the Official Hindi Cell. This competition was from 11 September 2020 12:00 pm to 12 September 2020 11:59 pm. Even in this competition all the contestants were to submit their logo on google link within the given time. By analyzing the posters result was announced by honorable Dr. Biren G. Patel and Mr. Rakesh Chowan ji on the occasion of Hindi Pakhwada.

Advertising Competition (11/09/2020)

The Advertising competition was organized through online medium on 11th September 2020 under Hindi Pakhwada organized by Official Hindi Cell. It started on 6:00 pm. It was done in the presence of Mrs. Shilpi Gupta, Shree Brijesh Patel and Dr. Dimple Shah. A total of 15 participants participated in this and demonstrated their talent. In which the students of B.Tech, M.Sc, M.Tech and PhD were involved. All the participants beautify the program by presenting their presentation in the form of advertisement. In the end the winners of the competition were announced.

All India Hindi Language Conference (12/09/2020)

Sardar Vallabhbhai National Institute of Technology, Surat on September 14 on the occasion of Hindi Day organized **All India Hindi Poetry Conference** on 12th at 5:30 PM which was titled "**Meghdhanush Ke rang Kavita Ke saang**". In which poems of all genre were presented from their respective poets. This conference was conducted by **Shri Sanjay Shukla (Veerras, Hasayaras)**. Also **Mrs. Pragya Vikas (Geet, Ghazal, Rubai)**, **Mrs. Pragya Vashi (Geet, Chand, Kavita)**, **Mr. Dheeraj Singh (Bhairas, Hasyavagya)**, **Mrs. Sonal Jain (Geet, Chhand, Shringar Ras)**, **Mr. LokeshMahakali (Chhand, Hasyavagya)** recited their poetry. In this conference, the President of Official Hindi Cell **Prof. Dr. Tushar Desai** shared his country and nature he also recited poetry from the compositions of HasyaRas. On this

occasion he also recited his composition "Jinhe naaz hai Surat Shahar pe wo kaha hai", on the "Agni kand" incident in which the parents of the late children also joined the program through online medium. In this way, the SVNIT on behalf of the institute, tributed all 22 children. The program was telecast live on my YouTube channel of Official Hindi Cell, the event has been enjoyed by more than a thousand people on YouTube.

Utkaran Competition (13/09/2020)

Utkaran Competition was the last competition of Hindi Pakhwada-2020, in which a total 69 participants participated. The competition started on 13/09/2020 at 12:00 pm. In this contest a total of 80 multiple choice questions were to be answered in the respective 45 minutes, the questions were based on General Knowledge, Current Affairs and General Aptitude. The participants with highest marks were declared winners and in case of same marks, students with most marks in Hindi cell were declared the winners. The top three participants who answered the case were declared the winners.

Closing Ceremony / Hindi Day Celebrations (14/09/2020)

By Official Hindi Cell of Sardar Vallabhbhai National Institute of Technology, Surat, On 14 September 2020 Hindi Pakhwada 2020 closing ceremony was organized online on Google Meet from 6 pm onwards. Dr. Tushar N. Desai during the closing ceremony of Hindi Pakhwada 2020 briefly described the programs organized during the whole event. Dr. V. L. Pradhan (Dean Student Welfare) and Dr. Dimple Shah shared their experiences related to Hindi language. The semi-financial of fellow Official Hindi Cell magazine "Dhwahni" was also published through online medium. Thereafter the winners in various competitions organized during Hindi Pakhwada 2020 were honored by E-Certificate. Poetry was recited by the participants "Sandeep Mishra" and "Ashi Singh". During the gratitude ceremony Poetry recitation by Dr. Tushar N Desai made this festival of Hindi Pakhwada memorable for all the audience. In the final phase of the program the message given by Hon'ble Human Resource Development Minister by Dr. Ramesh Pokhriyal "Nishank" was presented by Dr. Bhavesh Gohil. The program ended with the national anthem. We would like to thank Prof. SR Gandhi's from Official Hindi Cell SVNIT that he gave us the opportunity to organized Hindi Pakhwada 2020 through online medium this year. Official Hindi Cell President Dr. Tushar Desai and Executive Officer Dr. Dimple Shah and all the committee members of the Official Language Cell have consistently worked in order to make the event successful by conducting online meetings from month to month, carefully and earnestly. In organizing this program, Dean Student Welfare Dr. V. H. Pradhan was there to lend a hand in order for things to work out smoothly. Thus, amidst all the challenges, the official Hindi Cell by Hindi Pakhwada 2020 was successfully organized. Official Hindi Cell will always be motivated to organize such type of events in future also.

Vishvahindi divas 2021

This year the activities of World Hindi Day were organized through online medium. Registration of all programs on our official website <http://hindicellsvn.it.in/> were done on.

1. Nazariya :-02/01/2021 at 4:00 pm

There were total 5 rounds in this competition which were as follows-

1. Logo Round, 2. FAQ Round, 3. Advertisement Round, 4. Audio Round, 5. Bollywood Round

Adhyahaar (Just a Minute) competition was held on -03-01 - 2021 at 4 pm, in 2nd phase. In the first phase, the participant was told 1 minute on any one topic (topics will be given at the same time). The selected participants went on to the next stage (debate). His rules were told to him at that time.

Picture Description Competition-(05/01/2021 at 6:00 PM) There were 2 phases in this competition. Part 1 will have 3 questions. In which each question will be of 10 marks. 1

question in Part 2 carrying 20 marks. Seeing the picture given in it, had to write on that picture.

KBC-(07/01/2021 6:00 PM)- In this competition the contestants had to answer the questions shown on the screen within the time limit. There were two phases. Questions related to Hindi Divas Based on facts, proverbs, idioms and current events 2 days before the event.

Alphaaz-(09/01/2021)4:00 PM-Poetry, Shayari, Ghazal, Gaana, Mimicry, Jokes, Motivational Speech, Short Story, Participant in Alphas Competition etc. were presented.

Vishawa Hindi Divas (10/01/2021 at 11:00 AM)

In the celebration of World Hindi Day, highly placed officials of the Institute and President Official Language Cell DrTushar Desai, Vice President Dr Manish Rathore, Hindi Executive Officer Dr Dimple Shah and Member Secretary KamleshSolanki and members of Official Language Cell were present. On the same day our annual magazine Sammukh was also released online. All the student prize winners of the competition will also be felicitated.

Internal Complaints Committee for Sexual Harassment (ICC)

To sensitize all the Institute constituents towards the Constitutional and Supreme Court mandate of prohibition of gender discrimination and sexual harassment at work place, ICC, SVNIT, Surat conducted the following activities during 2020-21.

Webinar by Ms Megha Jani, a practicing psychologist:

On September 19, 2020, a webinar titled "How can you extend and exchange power to women community" by Ms. Megha Joshi was conducted in online mode. It was sponsored by TEQIP III (EQUATE). Around 100 participants registered for the event.

Virtual Poster competition on "Women Empowerment":

On November 27, 2020, a national level Poster competition on was conducted in online mode. The theme of the poster competition was "Women Empowerment". Around 52 participants including students and faculty members registered for the event. Main objective of the event was to trigger values based thought process about women empowerment in the participants. It helped them realize the challenges faced by women in general, and the solutions thereof. It also made them express their thoughts and stands vividly. The submissions were judged by professional experts Ms Ruchira Jokhakar and Mr Rakesh Gohil of Surat.

National Seminar on Sexual Harassment at workplace (POSH) Act 2013:

On March 9, 2021, one day National Seminar on Sexual Harassment at workplace (POSH) Act 2013 was conducted by ICC, SVNIT in collaboration with Women and Child Development Office, SMC, Surat. 80 participants from various universities, schools, colleges, NGOs and government organizations attended the event and made it very interactive. The seminar deliberations included topics like POSH Act 2013, women cell and ICC formations, Roles and responsibilities of ICC members, Role of Presenting Officer in ICC proceedings, Women empowerment, etc.

Webinar on Women-in-Engineering:

To celebrate the International Women's Day, and Diamond Jubilee year of the Institute, a webinar dedicated to Women-in-Engineering was conducted on March 10, 2021. Dr. Usha Mehta, Professor, Nirma University, Ahmedabad interacted with more than 60 participants wherein, she discussed significance of women contribution in STEM. Career challenges faced

by women and possible support they can obtain from peers, society and family was major focus of the talk.

International Women's Day Health Talk:

To celebrate the International Women's Day, a "Health Talk" was organized in collaboration with Shalby Hospital, Surat, on March 12, 2021. Dr. Neelam Dayama talked on "Wisdom of womanhood", which addressed women health related issues and deep understanding behind them. Another talk titled "Covid-19 Vaccination Care" was delivered by Dr. Hetal Rudani considering pandemic situation. Around 60 students, non-teaching and faculty members participated the event. This event was sponsored by TEQIP (EQUATE).

Awareness about ICC and Woman Cell Activities:

On June 24, 2021, a talk was delivered by Dr. Rasika Dhavse, ICC Chair and Dr. Upena Dalal, Women Cell Advisory member, in Faculty Orientation Program on "Pedagogy and Research Methodology (PRM – 2021)". ICC and Woman Cell constitution, the underlying law and their activities were explained in this talk. This orientation program was conducted for newly joined faculty members.

10.10 Rain Harvesting Initiatives

The SVNIT, Surat is actively engaged in Rain water harvesting process to recharge groundwater resources within the campus. Total 19 numbers of recharge bores were installed within the institute campus. The ground water recharge process was started 12 years ago, and gradually expanded within the campus. Table below shows the details of ground water recharge facilities at SVNIT Campus. It is observed that rain water in approximately 18,968 sq.mt of roof / terrace area is diverted to recharge wells to improve the condition of ground water resources, i.e., reduce the salinity concentration within the ground water aquifer.

Majority of bores are active and few are partially active. Recharge bore No: 17, near Material Testing Laboratory were cleaned in the month of May 2019 just before the preceding monsoon. The Estate & Store Section of SVNIT is actively involved in maintaining the existing recharge well of the campus.

It is also planned to carry out regular cleaning of all recharge wells in the month of April / May 2022, before next monsoon to optimize Rain Water Harvesting. To encourage this activity and made the students to understand the importance of the system, UG project, and seminar topic on Rain Water Harvesting was allotted to the students.

Details of Ground water recharge facilities at SVNIT Campus

Sr. No.	Location	Recharge well nos.	Approximate Catchment area (sq.mt)
1	Gajjar Bhavan Hostel		
	A-Wing	1	450
	B-Wing	2	450
	C-Wing	3	450
	D-Wing	4	450
	E-Wing	5	321
	F-Wing	6	225
	Behind F- Wing	7	96
	G-Wing	8	321
	Mess -I	9	970

Sr. No.	Location	Recharge well nos.	Approximate Catchment area (sq.mt)
2	Bhabha Bhavan Hostel		
	Left Side	10	1,736
	Right Side	11	1,736
3	Behind Applied Chemistry Dept. (New)	12	922
4	Canteen (Opposite)	13	3,718
5	New Class Room Complex		
	Left Side	14	783
	Right Side	15	783
6	New Library (Back Side)	16	2,488
7	Material Testing Lab	17	762
8	Adv. Hyd. Lab.	18	522
9	Type –V Residential Quarters	19	1,785
		TOTAL	18,968

10.11 Unnat Bharat Abhiyan (UBA)

Participating Institute:

Coordinator: Dr. Krupesh A. Chauhan

Co-Coordinator: Dr. Shweta N. Shah

Regional Coordinating Institute:

Regional Coordinator: Dr. K. D. Yadav

Regional Co-Coordinator: Dr. Manish K. Rathod

The Institute is also committed to its socio-technical responsibilities. Indigenous development of self-sufficient and sustainable village clusters in tune with the notion of 'Gram Swaraj', as propounded by our 'Father of the Nation' Bapu Mahatma Gandhi ji, is the guiding principle in this Abhiyan. SVNIT Surat under Unnat Bharat Abhiyaan(UBA) has an active participation since its inception. UBA SVNIT Surat has adopted five villages (Mora, Bhatlai, Rajgari, Suvali and Junagam) nearby Hazira belt and through the Surat District administration. UBASVNIT Surat has organized various activities of, organic farming, water management, solid waste management, health, education, women empowerment, livelihood & entrepreneurship development and "Gram Panchayat Spatial Development Plan" on field. UBASVNIT, Surat has designed and developed innovative and low-cost sanitary pad making machine as livelihood project for Women Self Help Group of the adopted Villages and also got the Design Patent of the machines.

The Institute has been working as a regional coordinating institute under Unnat Bharat Abhiyan to cover 15 districts of South Gujarat region and 2 Union Territories (Diu and Daman) while offering its guidance to 48 participating Institutes. The students of SVNIT Surat are actively participating in numerous activities of the UBA.

11.0 CAMPUS INFRASTRUCTURE

11.1 Housing Facility

The Institute campus spread over 250 acres. At present, 166 staff quarters and 80 new flats have been built and occupied by faculties, as listed below category wise.

Sr. No.	Quarter	Nos. of Quarter
1	Director Bungalow	01
2	Type-V	80
3	A-type	06
4	B-Type	16
5	C-type	48
6	D-Type	48
7	E-Type	48

Note: The Institute has initiated the procedure to construct the 80 nos. of Type-III quarters and 80 Nos. of Type-IV quarters through CPWD.

11.2 Guest House :

Institute's Guest House (Sardar Vallabhbhai Patel Bhavan) was constructed in December, 2011. It is located in the opposite side of the SVNIT Main Gate on Surat-Dumas road. SVPB guest house is a five storey (Ground plus four floors) building consisting of 84 rooms and 8 suite rooms. Each of them has an attached toilet with a hot and cold water facility. All rooms are serviced by an emergency generator set.

The Institute's Guest house is being extensively utilized by the staff, students, alumni and local government agencies. It has 02 office rooms, 03 conference halls (01 big and 02 small), Kitchen and 02 Dining halls (01 big and 01 small). The Guest House facilities are extensively used by the staff/students/alumni/local state and central government agencies for various purpose such as organising training programs, seminars, workshops and conferences. The Guest house provides boarding and lodging facilities for the institute's guest, invited guests, visitors, newly appointed faculty members, staff members, delegates and participants attending various conferences, seminars, symposia and workshops.

11.3 Institute Health Center

Health Centre of SVNIT is one of the oldest and essential Centre established with the prime objective to ensure adequate & qualitative health care facilities to all the students, faculties and staff with their family members of SVNIT. Health Centre is managed by One(1) full time residential doctor, Six(6) Hon. Visiting Medical Consultants namely Physician, Gynecologist, Pediatrician, Radiologist, Ayurveda & Homeopathy Specialist assisted by One(1) One(1) Permanent Sr. Attendant and supported by One(1) Pharmacist & One(1) Nursing staff on contract basis. Currently, within the Health Centre there are Two(2) Consultation rooms for running OPD, One(1) small dressing room with limited facilities, One(1) small Emergency Management Room with limited facilities, One(1) room for Pharmacy cum Registration counter, waiting area with a limited space to accommodate around eight persons and One(1) store room (under maintenance). Outside the Health Centre and within the campus there is One(1) Adolescent Health Clinic in Mother Teresa Bhavan (Girls Hostel), Ten (10) rooms with basic medical aids, one visiting Physician and Two (2) nursing staff on contractual basis at Narmad Bhavan. 108 Ambulance services to the residents of the campus are being provided at the designated appropriate place in the campus.

Cashless facility for Indoor treatment to the SVNIT staff with their family members for the empanelled hospitals is being provided by the institute following CS(MA) rules. The reimbursement of medical bills is being provided at CGHS rates as per the directives of Government of India issued from time to time.

Medical Advisory Committee is constituted at the institute level for the smooth functioning and development of Health Care facilities on campus.

- Remarkable contribution of Health Centre
- Creation of 10 rooms for Indoor Medical Non-COVID and COVID facility at Narmad Bhavan.

Available facilities in the “Medical Rooms” are as follows:

- Four(4) Oxygen Cylinders
- Fowler Bed
- Pulse Oxymeters
- Thermal Scanners
- Intravenous Medications
- Two(2) additional Nursing Staff
- Visiting Physicians on call

Rapid Antigen Screening Tests” camps on regular basis were organized by Health Centre with the support by Dhanvantari Teams of Surat Municipal Corporation for students, faculty, Staff, Security, Housekeeping, Hostel, Mess and Canteen Staff. Around 2000 Rapid Antigen Testing were conducted during the Screening Camps and suitable measures like Home Quarantine, Quarantine under observation at Narmad Bhawan Indoor Medical Facility and outside COVID Hospitals as per the need by the Health Centre.

Health Centre participated in distribution of “**Face shields**” designed and 3D Printed by Advance Manufacturing Lab, SVNIT to Security, Sanitation, Hostels, Mess staff of SVNIT and also to Doctors and other Healthcare Staff of Civil Hospital, Surat, both Medical Colleges Staff, Police Department, SMC Staff, Vegetable Vendors etc

11.4 Staff Club :

The Staff Club building was constructed in around 1989 which is extensively used by the staff members of the Institute. Recently, renovation work has been carried out by CPWD restore the functional usage of Staff Club Building at SVNIT Campus with better planning considering inputs from various stakeholders. The club is utilized for staff and student related activities as well as for inauguration and closing ceremony of the various conferences seminar etc. The staff club building has 4 nos. of rooms each at ground floor and first floor (total 8 nos. of rooms). These rooms are utilized for several indoor sports facilities like carrom, Table Tennis, Cards, Music etc. The ground floor rooms are also utilized as change room, green rooms store room, etc. during any functions.

11.5 SVP School

Education is the most valuable and important part of mankind. Students are the root of development in country so we can never hope for successful country without education.

The main aim of establishment of SVP school is to run a model school for the wards of the employees of the SVRCET (now-SVNIT), Surat and wards of financially weaker resident of the nearby area to build them as pillars for development of country,

SVP school was established on 15th January, 1976 by Shree Gordhand as Chokhawala, Minister of Education of Gujarat Government and an honourable Chairman of Board of Governors of SVRCET.

Class-Wise Student Strength (as per 2020-21)

Section	Standard/Class	Total no. of students (Class wise)	Total no. of students (Section wise)
Pre-primary	Nursery	60	296
	Jr.KG	117	
	Sr.KG	119	
Primary	I	114	857
	II	121	
	III	106	
	IV	105	
	V	114	
	VI	103	
	VII	100	
	VIII	94	
Secondary	IX	88	189
	X	101	
Higher Secondary	XI- Commerce	45	106
	XII- Commerce	61	
	XI- Science	72	168
	XII- Science	96	
	TOTAL		1616

Curricular and Co-Curricular Activity

Online competitions of Drawing (For class Nursery to 12), Essay writing competition (for Class 6 to 12) and Elocution (for Class 9 to 12) were organized for students of SVP School.

On the Ozone Day (16th September) A quiz competition, poster making competition and an essay competition were organized by National Children Science Congress (NCSC) in which many students awarded with prize money.

On 1st October regarding Gandhi Jayanti a drawing and quiz competition were organized by International Vaisya Foundation, Surat in which many students were awarded.

Umang Yadav and Ayushi Rai represented a project on Design Development Modeling for planning organized by National Children Science Congress-2021 guided by Dr. R. K. Indulkar.

Teacher's Upgradation Programme

An Online workshops and seminars were organized in school for Teachers and Staff on SVP for new National Education Policy.

Special Achivement

In year 2020-21 Principal Dr. R. K. Indulkar sir awarded with Academic Leadership Excellence Award in "Sarasvat Sanman Parv" organized by P P Savani University, Surat. In which total 150 principals across Gujarat participated.

11.6 Day Care Centre

Day Care Centre for Children (DCCC) at Sardar Vallabhbhai National Institute of Technology has started from 31st October 2006. It was inaugurated by Dr.(Mrs.) Vikasben Desai, Addl. Director (FW), Commissionerate of Health, Medical Services and ME (HS), Government of Gujarat.

SVNIT Day Care Centre for Children (DCCC) takes care of the children of employees/PG Students/ Research Scholars. It is a common facility essentially meant for staff welfare. It is fully equipped with basic to modern sophisticated facility and games for the benefit of children of make them busy and feels like home.

The mission of the centre is to provide Happy, Healthy and safe environment to the children. The Day Care Centre for Children (DCCC) ensures that the child is safe, active and more co-operative. We know that we cannot substitute love, affection and care of the little child. But the Institute has tried at their level best. The child will not feel that they are away from love and affection because Day Care Centre for Children (DCCC) is run by dedicated management and staff.

Due to COVID-19, this full year, Day care centre was closed for the safety of children.

11.7 Post Office

The campus has one post office in front of main gate of SVNIT, in the same building where the State Bank of India branch is located. The post office is providing all needed facilities like General Post, Registered Post, Speed Post, Postal Savings Scheme and many more, which is beneficial to the staff, students and residents of nearby areas.

11.8 Bank

The Institute has one nationalised bank and one ATM rooms situated in the campus. State Bank of India (SBI) is regular branch of in the campus and is housed in front of the main gate of SVNIT. The bank provides services to the staff and students of the Institute as well as residents of nearby areas of the Institute. Institute employees have their salaries credited to the State Bank of India. This State Bank of India branch has locker facility which is also beneficial to the account holders.

11.9 Transportation Services

With a responsibility to make the campus safer, and environment-friendly, SVNIT Surat (an Institute of National Importance) operates an on-campus bus transport facility for the students and staff. For this purpose, three buses are operated regularly on well defined internal route inside the campus. The routes and bus stops are well selected so that the students and staff can easily avail of this facility from different parts of the campus. The maximum walking distance from the origin to a boarding bus stop and distance to destination after alighting at the corresponding bus stop is observed to be well within 50 meters. The buses are operated mainly on two internal routes and, at varying frequencies, distributed over different times/periods of the day. The buses also operate in clock-wise and anti-clockwise directions covering the entire campus effectively to cater to the passenger demand throughout the campus during morning and evening peak periods. Overall, the bus transport facility is operating gracefully (even though it is impacted significantly during this outbreak due to COVID-2019), as all the stakeholders, including students and staff, are gradually getting habituated to use this facility regularly.

The prominent features of the presently operated Bus Transport Facility may be noted as follows:

12.0 NOTABLE ACHIEVEMENTS

12.1 Faculty and Students achievements

Applied Mathematics and Humanities Department	
Dr. Neeru Adlakha	
1.	Secretary and Member, Work Group on Bioinformatics and Its Applications, TC-5 International Federation of Information Processing, a UNESCO Body on IT since 2015
2.	Member, Editorial Board of CSI Journal of Computing Dec2019-Dec2021
Dr. Jayesh Dhodiya	
1.	Best Paper Award for the paper "Four-dimensional multi-objective multi item Solid Transportation Problem in the uncertain environment" International Conference on Mathematical Modelling and Simulation in Physical Sciences (MMSPS-2021) April 17-18, 2021.
2.	Selected as BOS member in Veer Narmad south Gujarat University.
3.	Selected as BOS member in Uka Tarsadia University, Bardoli.
Dr. H. P. Bulsara	
1.	Mentor to the Surati iLab, Technology Business Incubation Centre established by Surat Municipal Corporation under Smart City project for creating Entrepreneurship culture in the Community. It is a part of activities related to the services to the community and society in line with the Institute Outreach Activities.
2.	Appointed as an Expert panel member for the Validation/ Expert Opinion on TRC (The Research Council of Oman) Project Report, Waljat College, Oman. The Project was sponsored by The Research Council of Oman.
3.	Acted as a Session Chair in the Virtual International Conference on Chemical Sciences in Sustainable Technology and Development (IC2S2TD-2020), 1st – 3rd December 2020 at Applied Chemistry Department, S. V. National Institute of Technology, Surat, Gujarat, India in Association with Department of Chemistry, Chung-Ang University, South Korea.
4.	Appointed as an Article Editor by SAGE OPEN (Indexed in SSCI, SCOPUS) in March 2021
5.	Invited as keynote speaker in the 2021 LISBON 24th International Conference on "Literature, Languages, Education and Social Sciences" (L3ES2-21) Mar.8-10, 2021Lisbon(Portugal) (Online mode)
6.	Invited as keynote speaker in the 23rd PORTO International Conference on Literature, Music, Humanities and Social Sciences (LMHS2-21) scheduled on Apr.12-14, 2021Porto(Portugal) (Online mode)
7.	Invited as keynote speaker in the 8th June, 2021, 36th ISTANBUL International Conference on "Business, Literature, Humanities and Social Sciences" (BLHSS-21) scheduled on June 7-9, 2021 at Istanbul (Turkey) (Online mode)
Dr. Ramkant Meher	
1.	Member of the ICANAS2021 Academic Scientific Committee, organized by the Ağrı İbrahim Çeçen University. The conference will be held on 21–23 September, 2021 in Ağrı İbrahim Çeçen University, Ağrı - Turkey. (Dr. Ramakanta Meher)

Students' Achievements:

Ms. Nisha Pokharna Received best paper presentation for the talk entitled "Duality results for Interval-valued variational problem with B-(p,r)-invexity" in the "Virtual International Conference on Soft Computing, Optimization Theory and Applications (SCOTA)" during 26-27 March 2021 organized by BIT Mesra, Ranchi.

Department of Physics

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| <ul style="list-style-type: none"> • Dr. D. R. Roy has received Regular (Senior) Fellowship of Hanse-Wissenschaftskolleg (Institute for Advanced Study), Delmenhorst, Germany during November, 2019 to September, 2020. • Dr. D. R. Roy has received SERB-CRG sponsored project grants for 3 years' worth Rs. 33, 67, 513/- during December, 2020 to December, 2023. • Dr. D. R. Roy has joined as an Editorial Board Member of the int'l journal 'Frontiers in Chemistry' (SCI IF 5.221) in March, 2021, Publisher: Frontiers Media SA, Switzerland. • Dr. Vipin Kumar, Ph.D. alumni of DoP has received a Post Doctoral Fellowship in Tel-Aviv University, Israel (QS Rank=230), April 2021. • Dr Shivam Kansara, PhD alumni of DOP had received a Post Doctoral Fellowship at Morgon State University (USA) in April 2021 • Dr Radha Somaiya, PhD alumni of DOP had received a Post Doctoral Fellowship at Indian Institute of Technology (IIT) Bombay June 2021. • Jaminchandra Parmar, Msc student from DOP cleared GATE-2021. |
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Department of Chemistry

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| <ol style="list-style-type: none"> 1. Dr. Bharat Dholakiya selected as a FELLOW of the Royal Society of Chemistry (FRSC). 2. Dr. Bharat Dholakiya elected as a FELLOW by the council of India Chemical Society. 3. Dr. Bharat Dholakiya received ASSOCIATE FELLOW AWARD from International Academy of Physical Sciences. Dr. Suresh Kumar Kailasa elected as Fellow of Royal Society of Chemistry (FRSC), Royal Society of Chemistry (London) in 2021. 4. Dr. Suresh Kumar Kailasa acting as Guest Editor for the special issue "IC2S2TD-2020" in Materials Today Chemistry (Impact Factor 8.30), Elsevier, 2021. 5. Dr. Suresh Kumar Kailasa selected as Member of the National Academy of Sciences, India (NASI) in 2021. 6. Dr. Suban K. Sahoo appointed as Knowledge partner to JNV Silvassa and JNV Tapi under the funding of DST Vigyan Jyoti program to promote girls students towards Science, Technology, Engineering, and Mathematics (STEM). Interacted more than 200 hundred girl's students and shared expertise. 7. Dr. Suban K. Sahoo honored with New Journal of Chemistry (RSC) emerging investigators 2021. 8. Dr. Suban K. Sahoo appointed as Associate Editor, Frontier of Sensors, April 2021 onwards. 9. Dr. Naved I Malek selected as a FELLOW of the Royal Society of Chemistry (FRSC). |
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10. Dr. Naved I Malek received TWAS Fellowship for Research and Advanced Training, 2021.
11. Dr. Naved I Malek became member of American Chemical Society, for the period 2021-2023.
12. Dr. Kalpana C. Maheria awarded with 'Woman Researcher Award' in the 7th International Scientist Awards on Engineering, Science and Medicine by VDGGOOD during 4th – 5th July 2020
13. Dr. Kalpana C. Maheria elected as Fellow of Indian Chemical Society, India, 24th December 2020.
14. Dr. Kalpana C. Maheria's Ph.D. student Ms. Dhara H. Morawala won Best Oral Presentation Award the research paper presentation entitled, "DTAB mediated synthesis of meso H-BEA catalyst and its application in the synthesis of value-added chemical", authored by, Dhara Morawala, Ajay Dalai and Kalpana Maheria, at session on 'Chemical and Catalyst Synthesis' organized under CATSCHOL-2020 on December 19-20, 2020, by ICT Mumbai and Catalysis Society of India (Mumbai Chapter).
15. Dr. Kalpana C. Maheria became a member of Research Advisory Board of Disha Education Society by invitation.
16. Dr. Kalpana C. Maheria contributed as an "External Expert Member" in interview committee constituted to select Project JRF in SERB-DST sponsored Project to be held at NPGC Division, CSIR-CSMCRI, and Bhavnagar in April 2021. (Ref. let. KP/NPGC/Int /2020-21(3) dated 09/04/2021)
17. Dr. Kalpana C. Maheria became member of American Chemical Society, for the period 2021-2023.
18. Dr. Ketan C. Kuperkar Elected as Executive Committee member of Indian Society for Surface Science and Technology (ISSST), for the period January 2020 to December, 2021.
19. Dhruvi Patel (DS17CY001), Awarded as young scientist award" on "Antioxidants induced micellar transition in Tetronic® micelles unified with biocidal assay" Materials (MTM 2020) at Department of Chemistry, S. V. National Institute of Technology (SVNIT), Surat during 17-18th December, 2020.
20. Divya Patel (DS18CY002), Awarded as best poster presentation on "Clouding and hydrodynamic size distribution behavior of mixed Pluronic® in aqueous medium" International Conference on Materials for Environment, January 24 - 25, 2020, Durg, Chhattisgarh, India.
21. Dhruvi Patel (DS17CY001), Awarded as best oral presentation on "Antioxidants induced micellar transition in Tetronic® micelles unified with biocidal assay" One Days National Conference on Academia-Industrial interactions on Surfactants, Nanomaterials, Biosciences & Environmental Remediation February 9th, 2020, Surat, Gujarat, India.
22. Peeyush Sethy (I15CY019), Awarded as best Poster on "Activated carbon impregnated Polyurethane foam in enhanced solvent and oil adsorption from water", One Days National Conference on Advances in chemical sciences and technology for environment and sustainability February 27th, 2020, Surat, Gujarat, India.
23. Dr. Togati Naveen Received Extra Mural Research Grant from CSIR-HRDG, Govt. of India (Project No. 02(0449) 21/EMR-II)

Department of Computer Engineering

1. Prof. Devesh Jinwala was asked to continue as the Dean (Faculty Affairs) at IIT Jammu, even after resuming back at SVNIT, Surat on Dec 23, 2019. The tenure as Dean (Faculty Affairs), IIT Jammu was from Aug 3, 2018 to Feb 19, 2021.
2. Prof. Devesh Jinwala was invited to serve as Adjunct Professor, Department of Computer Science and Engineering, IIT Jammu.
3. Prof. Devesh Jinwala was acting as member, Standing Executive Committee at IIT Jammu, for the appointment of the Visiting Faculty, Adjunct Faculty and Visiting (Retired) Faculty members
4. Prof. Devesh Jinwala was invitee Member, 6thBoG meeting, October 2020 and the 7th BoG meeting of the IIT Jammu, Dec 2020.
5. Prof. Devesh Jinwala was member, the Senate, IIT Jammu, till Feb 2021.
6. Prof. Devesh Jinwala was selection Committee Member, all faculty selection meetings at IIT Jammu, as Dean(Faculty Affairs) as a nominated In charge Head, CSE, EE.
7. Prof. Devesh Jinwala was member and Coordinator, Registrar Selection Committee at IIT Jammu for the selection stages viz. Stage I and Stage II out of Stages I, II and the Final.
8. Prof. Devesh Jinwala was member, Faculty Search Committee for preliminary interaction with the prospective faculty members for all the positions, in all the disciplines, IIT Jammu.
9. Prof. Devesh Jinwala was invited to teach two courses (partially) viz. Design and Analysis of Algorithms at B Tech/M Tech(CSE), IIT Jammu and Institute Elective/Open Category course viz. Smart and Sustainable Cities, IIT Jammu, during the odd semester, academic year 2020-21
10. Prof. Devesh Jinwala was appointed as an Expert for the verification of the DRDO Labs at Central University of Jammu by DRDO Labs.
11. Prof. Devesh Jinwala was acting as Dean(R&C), SVNIT Surat since 12th February 2021.
12. Prof. Devesh Jinwala was acting as Professor In charge, International Affairs, SVNIT Surat since Sep 16, 2020.
13. Dr. Keyur Parmar has received the SEED money grant of Rs.9, 30,000/- Rs. for the project, "Design and Analysis of Secure and Efficient Smart Contracts Using Blockchain Technology" in December 2020.
14. Dr. Balu L. Parne has received the SEED money grant of 9, 20,000/- Rs. for the project, "Blockchain enabled public key infrastructure based solutions for IoTs" in December 2020.

Department of Electrical Engineering	
Faculty Name	Achievements
Dr. S. N. Sharma	Membership, Society for Industrial and Applied Mathematics (SIAM), a Professional Learned Society dedicated to the application of mathematics to Industry since 1951
Dr. Ashish K. Panchal	Member, International Solar Energy Society from 1 August 2020 to 31 August 2021.
Dr. Varsha A Shah	Received best paper award for the paper "Design and Analysis Ultracapacitor Driven Electrical Vehicle with Regenerative Braking" International Conference of Advancement in Mechanical Engineering. July 2021, Kerala. AIP Conference Proceeding
Dr. PrasantaKundu	Fellow of The Institution of Engineers (India), F-1278351, June 2021. Senior Member, IEEE, 97795961, January, 2021 to December 2021.
Dr. S.R. Arya	(i) Guest Editor: Special Issue on "Control and Power Quality in Renewable Energy Systems" in International Transactions on Electrical Energy Systems, Wiley (Impact factor: 1.692) from April 2020 to Dec 2020. (ii) Guest Editor: Special Issue on "Energy Storage-Design, Control, and Application in Modern Power Systems" in Journal of Electrical Engineering, Springer (SCI, I.F: 1.2) from 8 th July 2020 to 30 th March 2021. (iii) Research Project on "Control of wind solar micro grid power generation in isolated system" Research Promotion under Technical Education-STEM (Project No/CTE No: 2021ELE001) Gandhinagar (Gujarat), Sanctioned for 3 Year (from April: 2021), Ashutosh K. Giri (GEC Bharuch), Josep M Guerrero (Aalborg University, Denmark), Sabha Raj Arya (SVNIT Surat), Dr. Ami T. Patel (GEC Bharuch), Role: Co-Principal Investigator.
Dr. Aeidapu Mahesh	Senior Member, IEEE from August 15, 2020

Department of Electronics Engineering
<ul style="list-style-type: none"> • Upena Dalal: <ul style="list-style-type: none"> ○ BOS member, BVM engineering, from 1/7/2020 to 30/6/2022 • BOS Member, CHARUSAT, Changa ○ Special talk arranged from Sanjivani –Life Beyond cancer---19th September 2020 Cancer awareness program Coordinated for SVNIT--online mode ○ Session Chair of the conference ICRISSET 2020 TEQIP III sponsored 4/9/2020 • (vi) Academic Audit of GTU--done for three institutes---online mode on 21/12/2020 • K.P.Upla Awarded the ERCIM (European Research Consortium for Informatics and Mathematics) post-doctoral fellow ship for duration of One year from November 2019 to October 2020 from NTNU, Norway • K.P.Upla PhD interview committee member at NBL, NTNU, Norway during August 2020). • Abhishek Acharya, IEEE EDS Golden Reviewer 2020. • Rasika Dhavse: Vice-Chair IEEE NTC, Gujarat Section. • Sanjay Soni (PI) has received a grant of Rs.18.00 Lacs for a project entitled "Cognitive Radio testbed development," sponsored by NPIU, TEQIP III. (Duration July 2019 till Date). • Dr. S.N. Shah signed MoU with Elena GeoSystems Pvt Ltd for Research purpose for 5 years. • Dr. (Mrs.) Shilpi Gupta has become a Technical Program Committee member: ICCWC2021 from 11th to 12th June 2021 • Dr. (Mrs.) Shweta N. Shah selected as an 'Outstanding Researcher in Wireless Communication' under the Engineering Discipline by 7th Venus International Science

and Technology Awards – VISTA 2021

- Dr Abhishek Acharya has become a Advisory Committee Member of International Conference on Recent Trends on Computational Intelligence & Communication (RTOCIC-2021) organized by Rajasthan Technical University, Kota & Arya Institute of Engineering Technology & Management, Jaipur, Rajasthan, February 19-20, 2021
- Dr. Abhishek Acharya has become a Advisory Board Member of International Seminar on Soft Computing and Signal Processing Applications at JIET Jodhpur, Rajasthan, April 16-17, 2021
- Sanidhya Somani (U17EC135) is a winner of PDPU Case Study Competition
- Aman Gondaliya (U17EC101) secured 19th rank in CTF (cybersecurity) : Break In CTF, and 64th rank in CTF (cybersecurity) : WPICTF
- Sarvesh Dubey (U17EC152) is a Winner of Hack Verse Matic Prize, Winner of Amy Hacks Matic Prize, Winner of ETH India, 1st Runner Up of Dotslash Agora Prize, DAIICT ackathon, Dotslash, Hackverse, ETHIndia, Myntra Hack, IITB Hack, MIT Pune Hac.
- Srinjoy Basak (U17EC082) has become Overall Champions at E - Go Kart Design Challenge 2020 (Team Project - Phoenix Racing SVNIT)
- Abhishek Kumar (U17EC054) is a winner of several ACM and college quizzes
- Abhishek Kumar (U17EC054) is winner of Hackerrank Azure Hackathon 2020
- Abhishek Kumar (U17EC054) is a winner of IoT camp SVNIT. He also made several projects on data science and python. (IPL Analysis, Sentiment Analysis, Emotion based display)
- Anushka Singh (U17EC111) is winner of Code for Good 2020 hackathon
- Harshal Lalwani (U17EC069) made a Solar Tracker Project - DRISHTI Makerspace, Designed an actuating mechanism that always faces in the direction of maximum light intensity
- Vivek Adajania (U17EC055) Research Projects: Fixed-Wing Aerial Vehicle Trajectory Optimization, Quadrotor Occlusion Minimization at IMS Robotics, University of Tartu (Jun 2020 - May 2021)
- Divyam Srivastava (U17EC083) is a Winner of I-Hack Hackathon 2019 (IIT-Bombay)
- Rishabh Sharma (U17EC096) is a winner of IHACK Hackathon conducted by IIT Bombay
- Vivek Adajania (U17EC055) has secured 13th rank in the Competition: Team Drishti among 85+ teams in India in Asia Pacific Robot Contest 2019

Department of Chemical Engineering

No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
1	Mango Waste Valorization through Biorefinery Concept: A Sustainable and Greener Approach	Dr. M. A. Desai (PI) Dr. G. C. Jadeja (Co-PI)	50,60,000/- (SERB-DST)	3 Years	25/09/2018	Ongoing
2.	Ultrasonic microreactor for production of nano-micro particles of poorly water soluble active pharmaceutical ingredients (API)	Dr. S. R. Patel	Rs.5141750/-	3 years	1/06/2019	Ongoing
3.	Designing of green synthetic approaches for atomically precise nanoclusters for dictating their specific interactions: Development of miniaturized analytical methods	Dr. Suresh Kumar (PI) Dr. Z.V.P. Murthy (Co-PI)	Rs.35.04 Lacs (Sci. & Engg. Research Board (SERB), Deptt. of Sc. & Tech, New Delhi)	2017-2020	20/07/2017	Final stage
4	'Synthesis of Artificial Sweeteners and High Value Chemicals from Biorenewable Resources using Noble Metal Aerogel catalysts	Dr. Jigisha Parikh- Co PI Dr. K K Pant, IIT Delhi- PI	7695160/-	3 years	19/03/2020	Ongoing
5	Development of composite thin films with simultaneous diffraction and magnetic	V. N. Lad	Rs.25,30,884/-	2 years	2020	Ongoing

No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
	properties, Funding from DST, New Delhi, under Indo-Russian Joint Project.					
6	"Synthesis and characterization of semiconductor/oxide materials for cost effective perovskite solar cell modules"	Jignasa V. Gohel	Rs. 16.32 Lakhs DST-SERB, Government of India, New Delhi,	2017-2020	July, 2017	Completed
7	Integration of Septic Tank and Microbial Fuel Cell: a Novel Hybrid System for Sustainable Treatment of Domestic Wastewater. Sponsored from Science & Engineering Research Board (SERB)-DST, Government of India, New Delhi, India	Dr. A. K. Mungray	31,18,000	3 years	2017	Completed
8	The near future air cathode Osmotic microbial fuel cell (OMFC) for wastewater treatment, electricity generation and pure water extraction". PI: Dr. Alka A. Mungray	Dr. Alka Mungray	28.46 Lacs	3 Years	2018	Closure report submitted
9	"Study of air gap membrane distillation for seawater desalination using synthesized hydrophobic membrane and investigate the possibility of zero liquid discharge"	IRG (Institute Research Grant) Dr. Sarita Kalla	9.75	2 years	08/12/2020	Ongoing
10	Optimization of synthesis of nanoparticles by electrochemical techniques and its LCA study	Dr. Vineet Kumar Rathore (PI)	9,95,000/- (Seed Grant - SVNIT)	2 Years	08/12/2020	Ongoing
11	Synthesis of Artificial Sweeteners and High Value Chemicals from Biorenewable Resources using Noble Metal Aerogel catalysts	Dr. Jigisha Parikh- Co PI Dr. K K Pant, IIT Delhi- PI	7695160/-	3 years	19/03/2020	Ongoing
12	Nnaemulsion and their stability aspects for efficient delivery of micronutrients	Dr. S.K.Sundar	9.95 Lakh	2 years	08/12/2020	Ongoing

VISITING OTHER INSTITUTE:

Dr. M. Chakraborty

- As a subject expert on the panel of the selection committee in Chemical Engineering Department at SCET, Surat in February, 2021.
- As a subject expert on the panel of the selection committee for the appointment of the Associate Professor/ Assistant Professor in Chemical Engineering Department at S. N. Patel Institute of Technology & Research Centre, Umrahi in June, 2021.

Dr. Meghal Desai

- R. N. G. Patel Institute of Technology, Bardoli, Subject expert on the panel of selection committee for the appointment of Assistant Professor, 15/12/2020.

Dr. S. R. Patel

- Subject expert on the panel of selection committee for the appointment of Assistant Professor at R. N. G. Patel Institute of technology, Bardoli on 15-12-20.
- Panel Member, Research proposal presentation Evaluation Committee, GTU at GTU Chandkheda, Ahmedabad, Gujarat on 12-01-21.

PROJECT PROPOSAL EVALUATED /PAPER SETTER ETC. :

- Dr. M. Chakraborty: CSIR-First Scheme project

EDITORIAL BOARD MEMBER:

- **Dr. Z.V.P.Murthy -**
 - "Athens Journal of Technology and Engineering" [Athens Institute for Education and Research (ATINER), Greece, since 2016]
 - "Athens Journal of Sciences" (ATINER, Greece, since 2016)
- **Dr. A. K. Mungray**
 - Handling a Special Issue on "Sustainable Wastewater Treatment: Challenges and Opportunities" as a Guest Editor for the Journal Sustainable Energy Technologies and Assessments (Elsevier Publications, Impact Factor: 5.353).
 - Handling Special Issue on "Circular Economy for the Sustainable Development" as a Guest Editor for the Journal Energy Nexus (Elsevier Publications).
 - Handling Special Issue on "Special Issue on Sustainable Research for Energy and Environment (SREE21)" as a Guest Editor for the Journal Environmental Science and Pollution Research (Springer Publications).
 - Editorial Board Member of Energy Nexus Journal (Elsevier Journal)
- **Dr. Alka A. Mungray**
 - Guest editor of Special Issue on "Circular Economy for the Sustainable Development, Energy Nexus (Elsevier Journal).
 - Guest editor of a special issue for the conference ASREEM-2021, Environmental science and pollution research, springer.
- **Dr. Jogender Singh**
 - Guest editor of Special Issue on "Circular Economy for the Sustainable Development, Energy Nexus (Elsevier Journal).
 - (ii) Guest editor of a special issue for the conference ASREEM-2021, Environmental science and pollution research, springer.

OTHER ACHIVEMENS:**Dr. Z.V.P Murthy**

- Recognition: Listed in the "World ranking of scientist (2%)", published by the research team from Stanford University, USA, October 2020. (The full list of top 2% researchers world-wide can be found at <http://shorturl.at/qHIJ4> .The subject-wise world-ranking of top 2% researchers from India is available at <http://shorturl.at/bdix8>).
- 2. Best paper award titled Ultrasound-assisted liquid antisolvent precipitation for the production of nanoparticles in International Conference on Green Chemistry and Engineering towards Sustainable Development – An Industrial Perspective; Authurs Rashmita Behera and Sanjaykumar R. Patel. 3.
- Best paper award titled Energy dissipation study of ultrasonic bath to identify suitable zone for better performance of the bath in International Conference on Green Chemistry and Engineering towards Sustainable Development – An Industrial Perspective; Authurs Chetan Sharma, Parth Naik, Ankur Raval, L. Ramanan, Meghal A. Desai, Jigisha K. Parikh, Sanjaykumar R. Patel.
- **Prof. Jigisha Parikh** has been selected as "Fellow of The Royal Society of Chemistry" by the UK's professional body-The Royal Society of Chemistry for Chemical Sciences for her outstanding contributions to the chemical sciences.
- **Prof. Jigisha Parikh** has been assigned as Managing Guest Editor - Materials Today: Proceedings (Elsevier).

- **Prof. Jigisha Parikh** has been assigned as Guest Editor-SI: Waste & Biomass Valorization (Springer).
- **Dr. G.C. Jadeja** Certificate of Contribution for guiding Dr. Chandrabhushan T. Pal (PhD) who secured Second place and received Rs. 5,000/- towards research in cleaner production and clean technology by Gujarat Cleaner Production Centre, Government of Gujarat. Year of award: 2020-21.
- **Dr. Chetan M. Patel** Appointed as Technical Co-Director (Honorary) in a new startup company Pharma DEM, Hyderabad.
- **Dr. A.K.Mungray and Dr. Alka Mungray**-- Started a Startup- called "URISOL"
- **Dr. Mausumi Mukhopadhyay** has been recognized as authors of the top 1% most cited articles (2015-2019) in Industrial & Engineering Chemistry Research: ACS Publication.
- **Dr. Mausumi Mukhopadhyay** has been recognized as authors for the following Publication which got recognition as Top 100 articles in Chemistry in Scientific Reports.
- **Gourav Mishra and Mausumi Mukhopadhyay** (2019), "TiO₂ decorated functionalized halloysite nanotubes (TiO₂@HNTs) and photocatalytic PVC membranes synthesis, characterization and its application in water treatment", *Scientific Reports- Nature*, 9, 4345.
- **Dr. Mausumi Mukhopadhyay's** following publication (<http://www.nature.com/collections/iegaaaebae>) has been recognized and picked as Editor's choice: Water Treatment in scientific report.
- **Dr. Z.V.P. Murthy**--Chairman of Ph.D. final viva-voce examination of Sonaviya Dipeshkumar Ratilal (D15CE001), Civil Engineering Department.
- **Dr. Sarita Kalla**--Session Chair, "International Conference on Engineering and Technology: Smart Engineering, organized" by Parul University, Vadodara, November 7, 2020.
- **Dr. Z.V.P. Murthy**--Chairman of Ph.D. final viva-voce examination of Pareshakumari Madhubhai Baria (DS13CE002), Civil Engineering Department.
- **Dr. Z.V.P. Murthy**--Chairman of Ph.D. final viva-voce examination of Bhumika K. Sharma (Adm. No. D15PH004), Applied Physics Department, SVNIT.
- **Dr. Z.V.P. Murthy**--Chairman, Result Moderation Committee for the elective course - AM 312 Maintenance and Repair of Structure (Office Order Ref.No.E/141/304 dated 18/06/2021).
- **Dr. Sundar**--Acted as Session Chair in the International Chemical Engineering Conference 2021 organized by NIT Jalandhar on 18th September 2021.
- **Dr. Vineet Rathor**- Elected as member of the Board of Studies in Chemical Engineering, Marwadi University, Rajkot (Gujarat) on November 09, 2020 for a period of 3 years from AY 2020-21.
- **Dr. S. R. Patel**--Jury member at Virtual International Conference on Chemical Sciences in Sustainable Technology and Development (IC2 S 2 TD-2020); Sardar Vallabhbhai National Institute of Technology, Surat; December 1-3, 2020.
- **Dr. S. R. Patel** --Chair the technical session at Virtual Conference CHEMCON 2020 organized by Indian Institute of Chemical Engineers HQ and Hyderabad Regional Centre (HRC) from 27th to 29th Dec 2020.
- **Dr. S. R. Patel** --Chair the session at Virtual International Conference Molecules to Materials (MTM 2020); Sardar Vallabhbhai National Institute of Technology, Surat; December 17-18, 2020.

- **Dr. S. R. Patel** --Chair the session at Virtual International Conference on Functional Materials and Applied Physics on 14 May 2021 organized by the Department of Physics, S. V. National Institute of Technology (SVNIT), Surat to be held during 14-15 May 2021.
- **Dr. S. R. Patel** --Chair the session at virtual International Conference on Sustainable Building Materials and Construction (ICSBMC – 2021) during 4th to 6th February, 2021.
- **Dr. S. R. Patel** --Chair the Session at An International Conference on Green Chemistry and Engineering towards Sustainable Development – An Industrial Perspective, 16-18, June 2021.
- **Dr. Alka A. Mungray**-- Chair the session at virtual International Conference on Advances in Chemistry and Chemical Engineering 2021 during 16th to 17th April, 2021.

Consultancy Work:

No.	Title of Consultancy of Assignment	Name of the Industry for whom assignment carried out	Name of the Co-ordinator	Total Amount earned in Rs.	Year
1.	Process analysis and improvement in various stages (stage I and stage II) as identified by the industry	Sahajanand Medical Technologies Pvt Ltd	Dr. S. R. Patel Dr. M. A. Desai, Dr. J. K. Parikh	6 lakh + tax	2020
2.	Prebid Process Simulation Verification for ONGC Bokaro Tender	TakViksh Engineering Private Limited, Vadodara	Dr. S. R. Patel Dr. J. K. Parikh	Rs. 35000/- + GST	2021
3	Development of catalytic process for Aether's molecule	Aether Industries Ltd. Surat	Dr. Jigisha K Parikh	2.0 Lac	2019 onwards

12.2 Achievements made during the reporting year 2020-2021

(i) Publications in the International Journal

Department of Applied Chemistry	
No.	/*Authors, Title of the Paper, Name of the Journal, Publisher, Page Nos. Year*/
1.	Smita Jauhari, Kowsik Ghosh , Souvik Ghosh, Smith Sagar, Chanakya Nath Kundu, Satyabrata Si, Green chemistry approach for gold nanoparticles synthesis using plant extracts: a potential material towards catalysis and biology, Adv.Nat. Sci Nanoscience &. Nanotechnology, VAST ,1-9,2020.
2.	Bhagyashri Sarde, Yogesh D. Patil, B. Z. Dholakiya, Evaluation of effectiveness of palm oil fuel ash as green filler and methyl methacrylate as additive in recycled PET resin polymer composite, Journal of Building Engineering, 43, 103107, 2021.
3.	Amit G. Shirke , Peeyush Desai , Monika Vashisht , Bharatkumar Z. Dholakiya , Ketan Kuperkar, Impregnation of activated carbon in Polyurethane foam for enhanced solvent and oil absorption from water Volume, 2020., 36 (3-4), 125-135, 2020.
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41	Anila A Pillai and U. Kaushal, paper titled “The Art of Tagore to Impend Psychology in Stories” in International Conference on Physical Sciences (ICPS-2021) Feb. 5-6 2021 jointly organised by Department of Physics, Chemistry and Applied Mathematics and Humanities SVNIT Under Institute Diamond Jubilee Celebration.
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2	N Vasudevan, Ninad Gore, Rupali Zope, Shriniwas Arkatkar, Gaurang Joshi "Analyzing habit of using personal modes and its breaking through structural equation modelling. Presented at the 100th Annual Meeting Transportation Research Board, 25 th -29 th January, 2021, Washington D.C., USA. (Online mode)
3	N. Vasudevan, Ninad Gore, Rupali Zope, Shriniwas Arkatkar, Gaurang Joshi "Understanding Habit of Travel by Personal Modes in Context of Transit Usage", Presented at the 99th Annual Meeting Transportation Research Board, 12 th -16 th January, 2020, Washington D.C., USA.
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17	Gore, N. A., S. S. Pulugurtha, S. Arkatkar, G. Joshi: “Congestion Index: A New Performance Measure to Characterize Congestion and Level-of-Service on Freeways” 99 th Annual Meeting Transportation Research Board, Washington D.C., USA. 2020.
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93	Shah, S., C. Advani, A. Mane, S. Arkatkar, G. Joshi, "Modeling Perceived Level of service of Intercity Expressway"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2020
94	Gore, N. A., S. S. Pulugurtha, S. Arkatkar, G. Joshi, "Congestion Index: A New Performance Measure to Characterize Congestion and Level-of-Service on Freeways"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2020
95	Singh, V., N. Gore, S. Arkatkar, G. Joshi, A. Bhaskar, "Validating Travel Time Reliability as a Function of Congestion Using Wi-Fi Sensor Derived Travel Time Data"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2020
96	Chauhan, R., R. Narayana, A. Dhamaniya, S. Arkatkar, "Vehicular Trajectory Based Investigation of Driving Behavior at Signalized Intersection Operating with Weak Lane Discipline"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2020
97	Narayana, R., S. Arkatkar, S. M. Easa, G. Joshi, "Developing Extended Trajectory Database for Heterogeneous Traffic like NGSIM Database"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2020
98	Singh, M., B. Ramya, S. S. Sanagapalli, S. Arkatkar, K. S. A, R. Jadeja, "Optimizing Dedicated Lane Allocation for Fastag Tollway Operations Using Micro Simulation: Case Study of Toll Plaza, Rajasthan, India"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2020
99	Narayana, R., S. Arkatkar, G. Joshi, "A Machine Learning Approach for Predicting Positions of Vehicles Operating with Weak Lane Discipline using Newly Developed Extended Trajectory Data"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2020
100	Narayana, R., S. Arkatkar, S. M. Easa, G. Joshi, "Empirical Approach for Identifying Potential Rear-End Collisions Using Trajectory Data"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2020
101	Goyani, J., N. Pawar, N. Gore, M. Jain, S. Arkatkar, "Post Encroachment Time based Risk Characterization at Un-Signalized T-Intersections Operating under Mixed Traffic Conditions"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2021
102	Narayana, R., A. Jain, Sh. Arkatkar, G. Joshi, "Investigating Performance of a Novel Safety Measure for Assessing Potential Rear End Collisions: An Insight Representing a Scenario in Developing Nation"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2021

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103	N. Vasudevan., N. Gore, R. Zope, S. Arkatkar, G. Joshi, "Understanding Habit of Travel by Personal Modes in Context of Transit Usage"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2021
104	Narayana, R., S. Arkatkar, S. M. Easa, Gaurang Joshi,"Performance Analysis of Truck Parking Terminal Using Simulation"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2021
105	Das, S., R. Narayana, A. K. Maurya, S. Arkatkar, "Evaluating Lateral Interactions of Motorized Two-Wheelers Using Multi-Gene Symbolic Genetic Programming"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2021
106	Dawda, N. H., H. Gajera, G. Joshi, S. Arkatkar, S. M. Dave, "Efficiency based evaluation of public transport and para-transit systems: Lessons learnt towards a scenario for integrated transportation perspective"99th Annual Meeting Transportation Research Board, Washington D.C., USA 2021
107	Chintaman Bari, Akash Kumawat, Ashish Dhamaniya,"Effectiveness of FASTag System for Toll Payment in India https://doi.org/10.1109/MT-ITS49943.2021.9529291 "7th International Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS)-IEEE 2021
108	Chintaman Bari, Utakarsh Gupta, Satish Chandra, Constantinos Antoniou, Ashish Dhamaniya, "Examining Effect of Electronic Toll Collection (ETC) System on Queue Delay Using Microsimulation Approach at Toll Plaza-A Case Study of Ghoti Toll Plaza, India https://doi.org/10.1109/MT-ITS49943.2021.9529325 "7th International Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS)-IEEE 2021
109	Yawar Ali, Ritvik Chauhan, Shriniwas Arkatkar and Ashish Dhamaniya, "Application of Empirical & Simulated Vehicle Trajectories in Risk Assessment at Signalized Intersection"The 24th Euro Working Group on Transportation Meeting (EWGT 2021), 8th-10th of September 2021
110	Adurthi Naga Murali, Chintaman Bari, Yogeshwar Navandar and Ashish Dhamaniya, "A Study on User Acceptable Road Pricing Policy for Toll Roads: A case of Eethakota, India"The 24th Euro Working Group on Transportation Meeting (EWGT 2021), 8th-10th of September 2021
111	Chintaman Bari, Ashish Dhamaniya, "Capacity Analysis of FASTag Lanes under Mixed Traffic Conditions: A Micro-Simulation Approach"Emerging Research and Innovations in Civil Engineering (ERICE 2021) 2021
112	Rohit Chopde, Chintaman Bari and Ashish Dhamaniya, "Which Factors Affect Lane Choice Behavior at Toll Plaza? An Analytical Hierarchical Process (AHP) Approach"8th Online International Conference on Transportation Systems Engineering and Management, National Institute of Technology (NIT) Calicut, Kozhikode, India, August 26-27, 2021
113	Chintaman Bari and Ashish Dhamaniya, "Reduction in Entry Capacity of Roundabout Under the Influence of Pedestrians in Mixed Traffic Conditions"8th Online International Conference on Transportation Systems Engineering and Management, National Institute of Technology (NIT) Calicut, Kozhikode, India, August 26-27, 2021
114	Prakash Cm, Yogeshwar Vijaykumar Navandar, Hareshkumar Dahyabhai Golakiya and Ashish Dhamaniya, "Analysis of the Impact of Pedestrian Crossing Activity on the Traffic Characteristics at Urban Midblock Sections Using Simulation Technique"8th Online International Conference on Transportation Systems Engineering and Management, National Institute of Technology (NIT) Calicut, Kozhikode, India, August 26-27, 2021
115	Hareshkumar Dahyabhai Golakiya and Dr. Ashish Dhamaniya, "Analysis of Pedestrian Crossing Speed at Urban Midblock Sections in Mixed Traffic Conditions"8th Online International Conference on Transportation Systems

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116	Chintaman Bari, Yogeshwar Navandar and Ashish Dhamaniya, "Analyzing Traffic Performance of Toll Plazas using Per-formance Box: A Case Study "8th Online International Conference on Transportation Systems Engineering and Management, National Institute of Technology (NIT) Calicut, Kozhikode, India, August 26-27, 2021
117	Chintaman BARI, Akash KUMAWAT and Ashish DHAMANIYA, "Analysis of Geometric Design Elements at Toll Plazas Under Mixed Traffic Environment"International Conference on Recent Advances in Civil Engineering for Sustainable Development (RACESD), February 13-14, 2021 (Awarded as Best paper) 2021
118	Chintaman BARI, Akash KUMAWAT and Ashish DHAMANIYA, "Examining Zone of Influence at Toll Plazas under Mixed Traffic Conditions"International Conference on Recent Advances in Civil Engineering for Sustainable Development (RACESD), February 13-14, 2021
119	Ritvik Chauhan, Ashish Dhamaniya, Shriniwas Arkatkar, "Driving Behavior at Signalized Intersections Operating under Disordered Traffic Conditions"100th Transportation Research Board (TRB) Annual Meeting January 21-24, 2021, Washington, D.C, U.S.A
120	Utakarsh Gupta, Chintaman Bari, Ashish Dhamaniya, "Impact Assessment of Emissions Due to Provision of Toll Plazas on Highways -An Indian Experience"100th Transportation Research Board (TRB) Annual Meeting January 21-24, 2021, Washington, D.C, U.S.A
121	Utakarsh Gupta, Chintaman Bari, Ashish Dhamaniya, "Optimizing Toll Plaza Operations using Microsimulation Approach: A Case Study of Ghoti Toll Plaza in India"100th Transportation Research Board (TRB) Annual Meeting January 21-24, 2021, Washington, D.C, U.S.A
122	PN Patel, A Dhamaniya, "Developing Mixed Traffic Equivalency Factors to Estimate Saturation Flow at Urban Signalized Intersections Transportation Research Record"100th Transportation Research Board (TRB) Annual Meeting January 21-24, 2021, Washington, D.C, U.S.A
123	Ritvik Chauhan, Ashish Dhamaniya, Shriniwas Arkatkar, "Effect of Heterogeneity on Safety aspects at Signalized Intersection using Surrogate Safety Measures."7th Conference on Transportation Systems Engineering and Management. December 29-30, 2020 KSTCE-NATPAC and College of Engineering Trivandrum, India. (Best Paper Award) 2021
124	Utakarsh Gupta, Chintaman Bari, Yogeshwar Navandar, Ashish Dhamaniya, "Microsimulation Approach for Toll Plaza Operations-A Case Study"13th International (Online) Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), 10 and 11 December, 2020
125	Chintaman Bari, Akash Kumawat, Yogeshwar Navandar and Ashish Dhamaniya, "Identifying Zone of Influence using Driving Cycles at Toll Plazas under Mixed Traffic Conditions"13th International (Online) Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), 10 and 11 December, 2020
126	Yawar Ali, Ritvik Chauhan, Shriniwas Arkatkar and Ashish Dhamaniya, "Conflict Risk Assessment at Signalized Intersection Using Empirical and Simulated Vehicle Trajectories"13th International (Online) Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), 10 and 11 December, 2020
127	ChintamanBari, Himanshu Swami, Ashish Dhamaniya,"Dynamic Toll Pricing: A Framework for Tollway Operations in India"International Conference on Advances in

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	Civil Engineering, ACE 2020, (An event of Diamond Jubilee Celebration of the Institute), 5-7 th November 2020.
128	Chintaman Bari, Ashish Dhamaniya, "Evaluation of Factors Affecting Performance of Tollbooth Operators using Analytical Hierarchy Process (AHP)- An Indian Experience" 23 rd EURO Working Group on Transportation Meeting, EWGT 2020, Paphos, Cyprus, 16-18 September 2020.
129	Roja Ezzati Amini, Ashish Dhamaniya and Constantinos Antoniou, "Towards a Game Theoretic Approach to Model Pedestrian Road Crossings" 23 rd EURO Working Group on Transportation Meeting, EWGT 2020, Paphos, Cyprus, 16-18 September 2020.
130	H Swami, C Bari, A Dhamaniya, "Developing Policy Framework of Dynamic Toll Pricing in India" 23 rd EURO Working Group on Transportation Meeting, EWGT 2020, Paphos, Cyprus, 16-18 September 2020.
131	Ritvik Chauhan, Ashish Dhamaniya, Shriniwas Arkatkar, "Vehicle Behavior Parameters Estimation at Signalized Intersection Under Mix Traffic Condition using Trajectory Data" 99 th Transportation Research Board (TRB) 99th Annual Meeting January 12-16, 2020, Washington, D.C, U.S.A 2021
132	Ishil Chokshi, Pinakin Patel, Dr. L. B. Zala and Ashish Dhamaniya, "Queue Discharge Characteristics at Urban Signalized Intersections under Mixed Traffic Conditions" 2nd International Conference (Digital) on "Research and Innovations in Science, Engineering & Technology (ICRISET-2020), 4-5 September 2020
133	Chavda, J. T., Mishra, S. R. and Dodagoudar, G. R. , "International Journal of Physical Modelling in Geotechnics " ICE London, 2020
134	Chavda, J. T. and Dodagoudar, G. R. , "International Journal of Physical Modelling in Geotechnics ", ICE London, 2020
135	Alpesh Pandya, Dr. Atul K. Desai, "Prevention of Disaster through adequate safety practise and precaution on a construction site" International multidisciplinary conference in Current Research Trends - 2020. (Abstract published in Scopus indexed journal), 2020
136	Jaswant Gabra, Dr Atul K Desai, "Cable supported bridges for long to superlong spans" Virtual International Conference on Sustainable Building Materials and Construction (ICSBMC-2021), 2021
137	Jaswant Gabra, Dr Atul K Desai, "Effect of foundation depth on csshb when considering ssi", CEMC 2020, 2020
138	Jaswant Gabra, Dr Atul K Desai, "Seismic Time History Analysis for CSSHB considering different geometrical configurations for near/far fields earthquakes", SEC 2020-21, 2020
139	Jaswant Gabra, Dr Atul K Desai, "Effect of "INNOVATIVE FORMS" on MTHA for Cable Supported Bridge(s)", International multidisciplinary conference in Current Research Trends - 2020. (Abstract published in Scopus indexed journal), 2020
140	K. Gondaliya, S. Vasanwala, A. Desai, & J. Amin, "Seismic vulnerability of RC frame building using gross and cracked section as per Indian provisions" International Conference on Architecture and Civil Engineering (ACE) (Conference Proceeding), 2020
141	K. Gondaliya, S. Vasanwala, A. Desai, & J. Amin, "Capacity-Spectrum method (CSM): Seismic Vulnerability and fragility assessment of RC Frame Buildings designed with Older and Revised Indian Provisions" Emerging Research and Innovations in Civil Engineering (ACE) (Conference Proceeding), 2020
142	G. M. Savaliya, Dr. A. K. Desai, Dr. S. A. Vasanwala, "Analysis of a long span cable-stayed suspension hybrid bridge considering variable intermediate side span supports", IOP Conference Series: Materials Science and Engineering, Volume

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143	S. M. Gunjal and B. Kondraivendhan "Effect of High Temperature on the Calcinated Clay-Limestone Cement Concrete (LC3)"Virtual International Conference on Building Materials and Construction/4th-6th Feb 2021
144	Bura Akshay Ramesh, Kondraivendhan, B. "Study of Accelerated Carbonation Performance of Concrete Containing Natural Zeolite with the help of Electrochemical Impedance Spectroscopy" Virtual International Conference on Building Materials and Construction/4th-6th Feb 2021
145	S. M. Gunjal and B. Kondraivendhan "Usage of waste marble powder for the manufacture of limestone calcinated clay cement (LCCC)" Virtual International Conference on Building Materials and Construction/4th-6th Feb 2021
146	Mr. Aniket S. Patil and B. Kondraivendhan "Utilization of Lime in Cement-Based Materials: Review of Thermal and Microstructural Properties" Virtual International Conference on Building Materials and Construction/4th-6th Feb 2021
147	Nilesh R.Parmar, B. Kondraivendhan, and Hariom P. Khungar "Study on Characteristic Properties of Metakaolin:A Review"
148	A.V.Ghogare and B. Kondraivendhan "Review on Ferro-Geopolymer Composite Confinement" Virtual International Conference on Building Materials and Construction/4th-6th Feb 2021
149	Raghu Babu U and Kondraivendhan B "Evaluation of Metakaolin performance on NaCl induced rebar corrosion using cyclic sweep polarization technique" Virtual International Conference on Building Materials and Construction/4th-6th Feb 2021
150	AnitaNivruttiBorade, Niragi Dave and B Kondraivendhan "Study of concrete with inhibitors and slag in external chloride exposure" Virtual International Conference on Building Materials and Construction/4th-6th Feb 2021
151	Kshitij D Verma, B. Kondraivendhan, Shilpi Verma, Mukul Gupta "Experimental Study on Sustainable utilization of Industrial waste as aggregate in concrete" Virtual International Conference on Building Materials and Construction/4th-6th Feb 2021
152	HariomKhungar, B.Kondraivendhan, and Nilesh Parmar "A review on studyof the interfacialtransitionzone for recycled aggregate concrete" Virtual International Conference on Building Materials and Construction/4th-6th Feb 2021
153	Laxmi Narayana, P., P. V. Timbadiya and Patel, P. L. "Flow Characterization around Tandem Piers on Rigid Bed Channel" Webinar on Experimental Methods and Laboratory Instrumentation in Hydraulics, 13-15 April 2021. DOI: 10.25171/InstGeoph_PAS_Publs-2021-033
154	G. Yatirajulu, and P. V. Timbadiya "Simulation of Channel Bed Level Variation And Its Experimental Validation" International Conference (Hydraulics, Water Resources, and Coastal Engineering organised by NIT Rourkela under the agies of ISH, Pune. HYDRO-2020
155	Aarti Ghate, and P. V. Timbadiya "Evaluation of Conversion Factor and its Effects on Extreme Value Analysis of Rainfall" International Conference (Hydraulics, Water Resources, and Coastal Engineering organised by NIT Rourkela under the agies of ISH, Pune. HYDRO-2020
156	P. V. Timbadiya, Aarti Ghate, and Rakshita Roat "Evaluation of Rainfall Correction Factor for Jaipur City" International Conference (Hydraulics, Water Resources, and Coastal Engineering organised by NIT Rourkela under the agies of ISH, Pune. HYDRO-2020
157	M. Sayan, and P. V. Timbadiya "Hydrodynamic Modelling of Upper Tapi River, India" International Conference (Hydraulics, Water Resources, and Coastal Engineering organised by NIT Rourkela under the agies of ISH, Pune. HYDRO-2020

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158	Gehlot, L. K., Patel, P. L., and P. V. Timbadiya "Identification of Hydrologically Efficient Regions in Semi-Arid Yerli Sub-Catchment of Upper Tapi Basin, India" International Conference (Hydraulics, Water Resources, and Coastal Engineering organised by NIT Rourkela under the aegis of ISH, Pune. HYDRO-2020
159	Jibhakate S. M., P. V. Timbadiya and Patel P. L. "Prediction of Water Level/Runoff Using Physics Based Hydrological Model in Lower Tapi Basin, India" International Conference (Hydraulics, Water Resources, and Coastal Engineering organised by NIT Rourkela under the aegis of ISH, Pune. HYDRO-2020
160	Jibhakate S. M., Timbadiya P.V., and Patel P. L. "Flood Hazard Assessment of Coastal Urban Flood Plain" International Conference on "Sustainable Water Resources Development and Management (SWARDAM-2021)" organized by Department of Civil Engineering, Government College of Engineering Aurangabad (Maharashtra State), India in association with Ujjain Engineering College, Ujjain, ISH Aurangabad Local Centre and IWRS Aurangabad Local Centre
161	Gehlot, L. K., Patel, P. L., and Timbadiya, P. V. "Uncertainty In Streamflow Simulation Due To Rainfall Inputs In Swat Model Of Gopalkheda Sub-Catchment In Tapi Basin, India". "Sustainable Water Resources Development and Management (SWARDAM-2021)" organized by Department of Civil Engineering, Government College of Engineering Aurangabad (Maharashtra State), India in association with Ujjain Engineering College, Ujjain, ISH Aurangabad Local Centre and IWRS Aurangabad Local Centre
162	Jibhakate S. M., Timbadiya P.V., and Patel P. L. "Dam Break Flood Analysis from Ukai Dam in Lower Tapi River, India" In proceedings of ICOLD Symposium on Sustainable Development of Dams and River Basins (ICOLD 2021), February 2021, New Delhi, India
163	Dharmendra Jariwala, R A Christian, Namrata Jariwala "Prediction of health risk potential using Fuzzy rule based system for indoor work Environmental condition in dyeing and Printing house", International Conference on Soft Computing Optimization theory and applications at BITS, Meshra, Ranchi, 26-27th March 2021
164	Nandini Moondra, Namrata D. Jariwala, Robin A Christian "Optimum HRT for municipal wastewater treatment using microalgae in a tropical region", International Conference on Advances in Chemical, Biological and Environmental Engineering (ICACBEE-2021), MNIT Jaipur., April 2021
165	Prabhat Dwivedi, Gehlot, L. K., and Patel P. L.; "Correlation Assessment Of Water Balance Parameters Using Swat Model For Upper Girna Sub-Catchment In Tapi Basin", India; Proceedings of the Sustainable Water Resources Development and Management (SWARDAM 2021); March 2021; Government College of Engineering, Aurangabad, India; 2021
166	Shubham M. Jibhakate, P. V. Timbadiya, and Patel P. L.; "Prediction of Water Level/Runoff Using Physics Based Hydrological Model in Lower Tapi Basin, India"; Proceedings of 25th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2020); held online, hosted by NIT Rourkela, India; during March 26-28, 2021; 2021
167	Lalit Kumar Gehlot, P. L. Patel & P. V. Timbadiya; "Identification of Hydrologically Efficient Regions in Semi-Arid Yerli Sub-Catchment of Upper Tapi Basin, India"; Proceedings of 25th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2020); held online, hosted by NIT Rourkela, India; during March 26-28, 2021; 2021
168	Nikita Saptarishy & P. L. Patel; "Development of a distributed physics hydrological model for prediction of inflows into Hathnur Reservoir from Main Tapi River in Upper Tapi basin India"; Proceedings of 25th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2020); held online, hosted by NIT Rourkela, India; during March 26-28, 2021; 2021

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169	K. B. Baladaniya, & P. L. Patel; "Hydrodynamic Modelling Of Middle Tapi River Using MIKE 11"; Proceedings of 25th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2020); held online, hosted by NIT Rourkela, India; during March 26-28, 2021; 2021
170	Alka Sharma, & P. L. Patel; "Relative performance of Continuous and event-based hydrological models for Dharoi sub-catchment of Sabarmati basin in India"; Proceedings of 25th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2020); held online, hosted by NIT Rourkela, India; during March 26-28, 2021; 2021
171	Anju K V & P. L. Patel; "Development of Hydrological Model (Mike 11 Nam) for Simulation of Stream Flows at Burhanpur Station in Upper Tapi Basin, India"; Proceedings of 25th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2020); held online, hosted by NIT Rourkela, India; during March 26-28, 2021; 2021
172	Vineela Nandam & P. L. Patel; "Evaluating Periodic Changes of River Discharge Carrying Capacity: A Case Study of Lower Tapi River"; Proceedings of 25th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2020); held online, hosted by NIT Rourkela, India; during March 26-28, 2021; 2021
173	Prem Lal Patel, Priyank Sharma & Ramesh Teegavarapu; "Assessing the utility of climate variability information in streamflow forecasting"; Proceedings of EGU General Assembly 2021; online, 19-30 April 2021; EGU21-14633; https://doi.org/10.5194/egusphere-egu21-14633 ; 2021; 2021
174	Laxmi Narayana, P., Timbadiya P. V., & Patel, P. L.; "Flow Characterization around Tandem Piers on Rigid Bed Channel"; Publications of the Institute of Geophysics, Polish Academy of Sciences; vol. 434 (E-11), 2021, pp. 111-113; DOI: 10.25171/InstGeoph_PAS_Publs-2021-0332021
175	Mishra, S., Prasad, R., Nema, A., K. D. Yadav, 2021, "A review paper on utilisation of biodegradable waste at domestic level and kitchen waste trend for municipal cities in India", International Conference on Green Chemistry and Engineering towards Sustainable Development – An Industrial Perspective, 16-18 June 2021, SVNIT Surat
176	Nema, A., Prasad, R., Mishra, S., K.D. Yadav 2021 "Solid waste management and its associated challenges and opportunities International Conference on Green Chemistry and Engineering towards Sustainable Development – An Industrial Perspective", 16-18 June 2021, SVNIT Surat
177	Prasad, R., Yadav, K. D. Yadav, 2020, "Multireactor System for Greywater Treatment", Virtual International Conference On Chemical Sciences in Sustainable Technology and Development (IC2S2TD- 2020), 1-3 December, 2020
178	Mishra, S., Yadav, K. D, 2021, "Role of microbial inoculant in garden waste composting"., 32 Mishra, S., Yadav, K. D 2020 Role of microbial inoculant in garden waste composting. 5th Eurasia Waste management Symposium, 26-28 October, 2020, Turkey (Virtual)
179	Lad, V. H., Patel, D. A., Chauhan, K. A., and Patel, K. A. 2021, "Development of a Causal Loop Diagram for Bridge Resilience", Proceedings of the 37th Annual ARCOM Conference, 6-7 September 2021, UK, Association of Researchers in Construction Management, 137-146.
180	Mansuri, L E, D A Patel 2020, "Automated Web-based Condition Survey System for Heritage Monuments using Deep Learning" 5th International Conference on Sustainable Civil Engineering Structures and Construction Materials, University Technology MARA, Malaysia, 8-9 December 2020.
181	Jaswant Gabra, Dr A. K. Desai, "Effect of foundation depth on csshb when considering ssi", 5th International Joint Colloquiums on Computer, Electronics,

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182	Jigar P Variyavwala, Dr. A. K. Desai, "Effect of Foundation Depth on High Speed Railway Cable Stayed Bridge by Considering Soil Structure Interaction" 5th International Joint Colloquiums on Computer, Electronics, Electrical, Mechanical, and Civil- CEMC 2020, Mumbai, 30th Nov- 3rd Dec, 2020
183	Jigar P Variyavwala, Dr. A. K. Desai, "A dynamic formulation of sophisticated high-speed rail wagon with rail-structure interaction for the bridge structure", 5th International Joint Colloquiums on Computer, Electronics, Electrical, Mechanical, and Civil- CEMC 2020, Mumbai, 30th Nov- 3rd Dec, 2020
184	Mistry M., Venkateshwarlu P., Shukla S., Solanki C., Shukla S.K. (2020) , " Effect of Placement of Waste Tyre Fibres on Unconfined Compressive Strength of Clayey Soil", In: Shukla S., Barai S., Mehta A. (eds) Advances in Sustainable Construction Materials and Geotechnical Engineering, 2020, 35, 131-139"
185	Manali Patel, Chandresh Solanki and Tejas Thaker, " Deterministic Seismic Hazard Analysis of Ankleshwar City, Gujarat", Advances in Sustainable Construction and Resource Management, Springer LNCE, 2021, 144, 673-680
186	Mohit Mistry, Ankit Vasoya, Shruti Shukla, Chandresh Solanki, Sanjay Kumar Shukla, "California Bearing Ratio of Cohesive Soil Reinforced with Waste Tyre Fibres", Advances in Sustainable Construction and Resource Management, Springer LNCE, 2021, 144, 13-21
187	Tamizharasi,G., Prasad,A.M., and Murty,C.V.R., (2020), "A Simple Method to Identify Torsional Flexibility in Buildings without performing Detailed Structural Analysis", 17th World Conference on Earthquake Engineering (17 WCEE), Paper No: C003403, 13-18 September 2020, Sendai, Japan
188	Regunta, M., Karthik, A. V. R. and Chavda, J. T. (2021). "Finite element evaluation of shape factors and bearing capacity factors for circular footing". Advances in Construction Technology and Management (ACTM-2021), College of Engineering Pune, Pune, India, 11-12th March, 2021, 9 Pages
189	Paul, A., Chavda, J. T., Aishwarya, K.V., Lakshmi, A.K., Menon, A. and Bais, S. (2020). "Structural risk assessment methodology for heritage impact assessment". ICOMOS India Scientific Symposium 2020, Structural and Material Analysis in Built Heritage, IIT Madras, Chennai, India, May 2020
190	Barapatra, Praveen and Patel, Jayantilal (2021), "Determination of Root Zone Depth of Sugarcane Plant for Placement of soil moisture Sensor for Smart Irrigation System", International Conference On Computational Intelligence In Engineering Systems, June 2021
191	Barapatra, Praveen and Patel, Jayantilal (2021), "Saving of Irrigation Water Using IoT Based Soil Moisture Content Device for Sugarcane Crop", International Conference On Computational Intelligence In Engineering Systems, June 2021
192	Sharon Sudhakar, Nandini Moondra, Robin A. Christian (2021). "Comparison of suspended growth and IFAS process for Textile Wastewater Treatment". International conference on Advances in Construction Technology and Management (ACTM-2021), COEP Pune.
193	Nandini Moondra, Robin A. Christian, Namrata D. Jariwala (2021). "Optimum HRT for municipal wastewater treatment using microalgae in a tropical region". International Conference on Advances in Chemical, Biological and Environmental Engineering (ICACBEE-2021), MNIT, Jaipur.
194	Khushbu Gohel, Nandini Moondra, Robin A. Christian (2021). "A comparative study on treatment of industrial wastewater using conventional biomass and Chlorella Vulgaris". International Virtual Conference on Innovative Trends in Hydrological and Environmental Systems (ITHES-2021), NIT Warangal.
195	Neha S. Baghele, Anjali K. Khambete, Robin A. Christian, 2020, "Application of

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11	K. R. Purohit, A. K. Rai, R. H. Parmar, Eigensolution of Screened Cosine Kratzer Potential with and Without External Field; Virtual International Conference on Physical Sciences (ICPS-2021), PH-OP-03, 207, (2021)
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13	J. Oudichhya, K. Gandhi, A. K. Rai, Mass spectroscopy of Ω_c baryon; Virtual International Conference on Physical Sciences (ICPS-2021), PH-OP-05, 209 (2021)
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1	Kalpesh Prajapati, Vishal Chudasama, Heena Patel and Kishor Upla. Unsupervised Single Image Super-Resolution using Cycle Generative Adversarial Network, 3rd International Conference on Intelligent Technologies and Applications (INTAP)}, NTNU, Gjøvik, Norway, September 27-30, 2020.
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3	A. Vighnesh and Rasika Dhavse. Design of High Accuracy, Power Efficient and Area Efficient 16x16 Approximate Multiplier, 2020 IEEE 17th India Council International Conference (INDICON), NSUT, Delhi (India), 11-13 December, 2020
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6	Himanshu Kumar, Ashwin Porwal, Hardiki Mukesh Devre, Mayank Kumar Jethwa, Rasika Dhavse and Rutu Parekh. Effect of different channel material on the performance parameters for FinFET device, 5th International Conference on Microelectronics, Computing and Communication Systems (MCCS2020) organised by IETE Ranchi Centre, 11th and 12th July 2020
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19	Kamal Captain, Manjunath Joshi, "Exploiting Space and Antenna Diversity for Wideband Spectrum Sensing" International Conference on Communication Systems and Networks (COMSNETS 2021), Bengaluru, India Jan. 05-09 2021 SCOPUS Indexed.
20	Sachchidanand, Vivek Garg, Anil Kumar, Pankaj Sharma "Simulation and Modelling of lead-free Cs3Sb2Br9 perovskite solar cell by SCAPS-1D" 48th IEEE Photovoltaics Specialists Conference (PVSC), Miami, Florida, USA, June 25-30, (2021), SCOPUS Indexed (Accepted).
21	Ojas Ramwala, Antriksh Ganjoo, Divyanshu Visiya, Jignesh Sarvaiya, "Leveraging Adversarial Training for Efficient Retinal Vessel Segmentation", published in the IEEE International Conference on ECAI proceedings
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27	Chaudhary, Jatin, et al, "Optimization of Silicon Tandem Solar Cells Using Artificial Neural Networks", published in Springer, Cham, 2019
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1	Goyani, J., S. Arkatkar and G. Joshi: "Correlating Geometric Design Consistency and Type of Crashes on Two-Lane Hilly Roads Using Continuous Speed Data" 8 th International Conference on Transportation Engineering and Management (CTSEM), Calicut, India. August 26-27, 2021.
2	Rathod, R., G. J. Joshi and S. S. Arkatkar: "Evaluation of Transit Accessibility by Geoprocessing Techniques for Surat city" 8 th International Conference on Transportation Engineering and Management (CTSEM), Calicut, India. August 26-27, 2021.
3	Paul, A. B., B. A. Naidu, S. Arkatkar and G. Joshi: "Modeling Probability Critical Crossing Conflicts at Un-Signalized 4-legged Intersections under Mixed Traffic Flow conditions using Beta Regression" 8 th International Conference on Transportation Engineering and Management (CTSEM), Calicut, India. August 26-27, 2021.

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7	K.A.Chauhan, Bhagyashri H. Sisode, "Colaborate to Create: Optimization for Green Performance of Administrative Building, SVNIT, Surat." 2 nd (ICTCEES-2020) Kerala, India
8	K. A. Chauhan, "The Assessment of Old Building Envelope for an Academic Institute: A Case Study of SVNIT Surat." ICFC 2019 IIT- Roorkee, 2020
9	K.A.Chauhan, Bhagyashri H. Sisode, "Gauging he Holistic of an Education Building in the Metropolitan City, Surat" (ICE2M) MMMUT Gorakhpur, 2020
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11	Azaz I. Pathan, P.G. Agnihotri, D.P.Patel, "Flood assessment and modeling approach using satellite imagery- A case of Navsari city Gujarat, India". ISRS National Symposium-2020.
12	Shaikh I.N., Ahammed M.M., "Coagulation followed by continuous sand filtration for treatment of greywater" Advances in Chemistry and Chemical Engineering, Surat, 16-17 April 2021
13	Shaikh I.N., Ahammed M.M., " Treatment greywater by coagulation and intermittent sand filtration," Advances in Chemical, biological and Environmental engineering, Jaipur, 23-24 April, 2021
14	Mishra, S., Yadav K. D. " Particle size effect on composting of garden waste using in-vessel composting", Advances in chemical sciences and technology for environment and sustainability (ACSTES-2020) 27 February, 2020
15	Chintaman Bari, Ashish Dhamaniya, "Capacity Analysis of Toll Plazas in India" 7 th Conference on Transportation Systems Engineering and Management. December 29-30, 2020 KSTCE-NATPAC and College of Engineering Trivandrum, India. 2020
16	Ritvik Chauhan, Ashish Dhamaniya, Shriniwas Arkatkar, "Safety Assessment of Discharging Traffic at Signalized Intersection with Weak Lane Discipline Traffic using Trajectory Data" 2 nd ASCE Conference Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies, March 02-04, 2020, Kolkata, India 2020
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21	Chavda, J. T. and G. R. Dodagoudar, "Proceedings of the 4th GeoMEast International Congress and Exhibition", Cairo, Egypt 2020" Springer, 2020
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23	Mishra, S., Kumar, A., Rao, K. S., & Gupta, "Experimental and numerical investigations of dynamic response of tunnels in soft rock", Structures, Elsevier, 2021
24	Dhamne, R. R., Mishra, S., Kumar, A., & Rao, K. S., "Deformation Behavior of D-Shaped Shallow Tunnels under Dynamic Loading Conditions" Structures, Elsevier, 2021
25	Roy, N., Kumar, A., & Rao, K. S., "Stability Analysis of Landslide in Tindharia Region, West Bengal, India – A Case Study" Journal of the Geological Society of India, Springer, 2021
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27	Deepshika Shukla and Chandresh Solanki, "Equivalent 1D Ground Response Analysis (GRA) of Black Cotton Soil for Three Different Sites Near Indore City", Geohazards, LNCE, 2020, 86, 633-651

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2	Vijay Kumar Singh and Dr. Chetan M. Patel, Exfoliation of h-BN and MnO ₂ into two dimensional materials by stirred media milling, Presented in Virtual International Conference on Chemical Sciences in Sustainable Technology and Development (IC ² S ² TD-2020), Surat, 1 st to 3 rd December, 2020.
3	Sanjay Krishna and Dr. Chetan M. Patel, Optimized Nanomilling of Biomaterials by Wet-Stirred Media Milling for Efficient Preparation of Nanoparticles Presented in International Conference on Green Chemistry and Engineering towards sustainable Development –Industrial Perspective, Surat, 6 th to 8 th June, 2021.
4	M. S. Vichare, A. K. Jana, M. Chakraborty (2021), Glycerol to Fuel Additives: A Review, Virtual International Conference on Advances in Chemistry and Chemical Engineering – 2021 during 16th -17th April 2021 (ISBN: 979-8-4655-3765-0).

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5	A Sharma, M. Chakraborty, P. A. Parikh, Applicability of nanofluids to enhance thermal conductivity, GTSD 2021, Dharmsinh Desai University, Nadiad, 09th -11th March, 2021 (Conference proceeding, ISBN 978-93-5457-142-8).
6	M. Vichare, A. K. Jana, M. Chakraborty, Glycerol to Fuel additives: A Review, ACCE-2021, SVNIT, Surat 16th -17th April, 2021 (Conference proceeding, ISBN 979-8-4655-3765-0).
7	Mausumi Mukhopadhyay and Nilesh S Dumore (2021), "Platinum and Selenium nanocomposites coated Fluorine-doped Tin Oxide (FTO) electrochemical sensor for Hydrogen Peroxide detection" The Patent Office Journal No. 32/2021 Dated 06/08/2021, 34555.
8	Himanshu P. Kohli, Smita Gupta, Mousumi Chakraborty, Studies on the removal of endocrine disrupting compounds from aqueous streams by Emulsion liquid membrane and hollow fiber supported liquid membrane. International conference on Advances in Chemical Engineering -2020 (AdChE-2020), University of Petroleum and Energy Studies, Dehradun.

Department of Chemistry	
No.	<i>/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/</i>
1	Nilam Gamit, Bharatkumar Z. Dholakiya, Synthesis and Characterization of Biodegradable Polyester Amide from Azadirachta Indica for Biomedical Applications in UGC-SAP-DRS-II Sponsored National Conference on Constraints & Challenges in Chemistry (NCCCC-2020) on 16 th April, 2021 organized by Department of Chemistry, Veer Narmad South Gujarat University, Surat, Gujarat, India.
2	Tejas S Gandhi, Mayank R Patel, Bharatkumar Z Dholakiya, Development and Mechanical/Thermal Behavior of Polyurethane (PU) Foam derived from Cardanol Oil in UGC-SAP-DRS-II Sponsored National Conference on Constraints & Challenges in Chemistry (NCCCC-2020) on 16 th April, 2021 organized by Department of Chemistry, Veer Narmad South Gujarat University, Surat, Gujarat, India.
3	Anuj Kumar Saini, Suban Kumar Sahoo, Rajender Kumar, Role of imprinted β -cyclodextrin based artificial biomarking, National conference on 'National Conference in Chemistry (NCONC-2020)', Department of chemistry, IIT Gandhinagar, 12-13th February, 2020.
4	Vinita Bhardwaj and Suban K Sahoo, Dual ligands co-functionalized red-emitting copper nanoclusters for cascade detection of pyridoxal 5'-phosphate and Al ³⁺ , 14th National Symposium on Radiation and Photochemistry (NSRP-2021), IIT Gandhinagar, June 25-26, 2021.
5	Dhara Morawala, Ajay Dalai, Kalpana Maheria, Oral presentation entitled, "DTAB mediated synthesis of meso H-BEA catalyst and its application in the synthesis of value-added chemical", presented under session on 'Chemical and Catalyst Synthesis' during Catalysis Research Scholars Meet (CATSCHOL-2020), ICT Mumbai and Catalysis Society of India (Mumbai Chapter), held during 19th - 20th December, 2020,

Department of Mechanical Engineering	
No.	<i>/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/</i>
1	D. Chaudhary, S. Saini and J. Banerjee, "Analysis of interfacial behavior in two-phase flow using image processing," Advances in Thermal-Fluids Engineering (ATFE), 2021, PDU Gandhinagar, IOP Conference Series: Materials Science and

Department of Mechanical Engineering	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	Engineering, 1146 (2021) 012002, doi:10.1088/1757-899X/1146/1/012002
2	Nitin Bagre, A D parekh, V K Patel, Numerical Investigation of flow separation in Vortex tube, Advances in Mechanical Engineering, SVNIT, Surat, 2021
3	Painter, Rahulkumar, Ashish Doshi, and Mukund Bade. "Review of Experimental Test Rigs for Pump as Turbine Applications." In Fluid Mechanics and Fluid Power, pp. 667-674. Springer, Singapore, 2021.
4	Dokiparti Satish, Ashish Doshi, and Mukund Bade , "Review on pump as turbine application in water distribution networks for power generation", AIP Conference Proceedings 2341, 030035 (2021)
5	Vimal Patel, Bheemalingeswara Reddy, Ravi Patel, Vikram Rathod, Performance Investigation of Three Bladed Savonius Horizontal Axis Hydrokinetic Turbine at Variable Load Conditions, <i>National Conference on Advances in Mechanical Engineering, SVNIT, Surat, 19,2021</i>
6	Vimal Patel, Margiv Trivedi, Chirag Patel, Performance Investigation of Four Bladed Horizontal Axis in Line Turbine at Variable Load Conditions, <i>National Conference on Advances in Mechanical Engineering, SVNIT, Surat, 27-28 May, 2021, 11</i>
7	Vikram P. Rathod, Vimal K. Patel, Pringal M. Patel, Analysis of Solar Drying Parameters with Empirical models, <i>National Conference on Advances in Mechanical Engineering, SVNIT, Surat, 27-28 May, 2021, 38</i>
8	Nitin Bagre, A. D. Parekh , V. K. Patel, Numerical Investigation of flow separation in Vortex tube, <i>National Conference on Advances in Mechanical Engineering, SVNIT, Surat, 27-28 May, 2021, 34</i>
9	Anshu Agrawal, Himanshu Agrawal, Amit Kumar, "Cost analysis of the bio-diesel prepared using preheated neem oil, jatropha methyl ester oil, acetone and diesel oil blend", NCAME, SVNIT, SURAT, 27-28, May-2021, 37
10	Anshu Agrawal, Himanshu Agrawal, Amit Kumar, "Combustion performance analysis of a diesel engine using preheated neem oil, jatropha methyl ester oil, acetone and diesel oil blend", NCAME, SVNIT, SURAT, 27-28, May-2021, 108.
11	Ayushman Durgapal, Sneha Kumar Gupta, Tushar Gupta, Prabhansu , <i>Comparison of the usage of different PCMs with a single slope passive solar still through a mathematical model</i> , National Conference on Advances in Mechanical Engineering (NCAME-2021) held between 27-28 May 2021 at SVNIT Surat

Department of Physics	
No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
1	P. Kumar, K. Rajput and D. R. Roy* , DFT investigation on the optical properties of 2D-CaSe, AIP Conf. Proc. 2265, 030496 (2020)
2	K. Rajput and D. R. Roy* , Thermoelectric investigation on Mg ₃ N ₂ monolayer, AIP Conf. Proc., 2265, 030640 (2020)
3	H Rajput, A Kedia, D.V. Shah , K Dobariya, A Naik, "Synthesis of gold nanoparticles using fruit waste" , AIP Conference Proceedings, 2369(1), 020168, (2021)

(vi) Conference / Workshops / Seminar / Symposium / Short Term Programmes organized at SVNIT:

Department of Applied Mathematics & Humanities

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
1	Dr. Sushil Kumar	STTP on Computational Softwares (MATLAB & MATHEMATICA)	Self Sponsored	05/10/2020 - 09/10/2020
2	Dr. Sushil Kumar	STC on Academic Writing using LATEX	Self Sponsored	04/01/2021 - 08/01/2021
3	Dr. Sushil Kumar	Virtual International Conference on Physical Sciences	Self Sponsored	05/02/2021 - 06/02/2021
4	Dr. Sushil Kumar	2nd STTP on Computational Softwares (MATLAB & MATHEMATICA)	Self Sponsored	17/05/2021 - 21/05/2021
5	Prof. V.H.Pradhan, Dr. Jayesh M Dhodiya, Dr. Yogesh Sonvane	One week STTP on " Emerging trends in Research and Innovation -Tips & Techniques (ETRITT-2021) from 27-31 January 2021	Self Financed	One Week
6	Prof. V.H.Pradhan, Dr. Jayesh M Dhodiya, Dr. Yogesh Sonvane	International conference on " Mathematical Modelling and Simulation in Physical Sciences- MMSPS2021" 17-18 April 2021	Self Financed	Two Days
7	Prof. V.H.Pradhan, Dr. Jayesh M Dhodiya, Dr. Yogesh Sonvane	One week STTP on "Mathematical Modelling and Simulations in Physical Science" for Engineers and Research scientist.29/06/2020.	Self Financed	One Week
8	Dr. R. K. Jana & Others	Virtual International Conference on Physical Sciences (ICPS-2021)	Self-Financed	05.02.2021-06.02.2021
9	Dr. R. K. Jana	Virtual International Conference on Soft Computing, Optimization Theory and Applications (SCOTA 2021)	Birla Institute of Technology, Mesra, Ranchi	26.03.2021-27.03.2021
10	Dr. R. K. Jana (As a Member of Local Advisory Committee)	26th International Conference (Online) of International academy of physical sciences on "Advances in Algebra & Analysis"	Marwadi University, Rajkot, Gujarat, India.	18.12.2020-20.12.2020
11	Dr. R. K. Jana	Mathematics Colloquium	SVNIT	21.03.2020
12	Dr. R. K. Jana	Weekly seminar InterAct (Internship Experience and Research Activities) 10.09.2020, 24.09.2020, 22.10.2020, 29.10.2020	-	-
13	Dr. R. K. Jana & Prof. A. K. Shukla	One Week Online Short Term Training Programme (STTP) on "Fractional Calculus: Foundations to Frontiers (FCFF 2020)"	Self-Financed	28.12.2020-01.01.2021
14	Dr. R. K. Jana	One Week Online Workshop on "Optimization: Theory, Practice & Simulation (OTPS 2021)"	SVNIT	08.02.2021-12.02.2021
15	Dr. R. K. Jana (As a Member of the Organizing committee)	One Week Workshop on " Mathematics and Its Applications"	Self-Financed	08.03.2021-12.03.2021
16	Dr. U. Kaushal, Dr. V. Mahajan, Dr. A. Chowdhary and Dr. N. D. Jariwala	Organised 2nd International Conference on Gender Equity: Challenges and Opportunities, SVNIT 28-31 October 2020 under TEQIP –III.	TEQIP –III sponsored	28-31 October 2020
17	Dr. U. Kaushal And Dr. N.D. Jariwala	Gender Equality: Challenges and Opportunities Lecture Series. Speaker-	EQUATE, TEQIP- III	17th July 2020

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
		Dr. Jyotsna Sinha, Asso. Prof. NIT, Allahabad as speakers		
18	Dr. U. Kaushal And Dr. N.D. Jariwala	Gender Equality: Challenges and Opportunities Lecture Series. Speaker- Dr. Priyanka Tripathi, IIT Patna	EQUATE, TEQIP- III	28th August 2020
19	Dr. Indira P. Tripathi	Short Term Training Program (STTP) Computational Software on (MATLAB & MATHEMATICA)	Self Sponsored	05-09 Oct, 2020
20	Dr. Indira P. Tripathi	One-Week Short term Course on "Academic Writing using LATEX"	Self Sponsored	04-08 Jan, 2021
21	Dr. Indira P. Tripathi	Virtual International Conference on Physical Sciences(ICPS 2021)-jointly by AMHD, APD and ACD	Self- Sponsored	05-06 Feb, 2021
22	Dr. Indira P. Tripathi	2nd One Week Short Term Course on Computational Software (MATLAB & MATHEMATICA)	Self-Sponsored	17-21 May, 2021
23	Dr. Indira P. Tripathi	International Conference on Mathematical Sciences	Self-Sponsored	07-09 Oct, 2021
24	Dr. Shailesh Kumar Srivastava	Virtual International Conference On Physical Sciences (ICPS – 2021)	Self Financed	Feb. 05-06, 2021
25	Dr. Shailesh Kumar Srivastava	One Week Short Term Training Program on Computational Software (MATLAB & MATHEMATICA)	Self Financed	Oct. 05-09, 2020
26	Dr. Shailesh Kumar Srivastava	One-Week Short Term Course ON "Academic Writing using LATEX"	Self Financed	Jan. 04-08, 2021
27	Dr. Shailesh Kumar Srivastava	One Week 2nd Short Term Course on "Computational Software (MATLAB & MATHEMATICA)"	Self Financed	May. 17-21, 2021

Department of Civil Engineering

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
1	B. N. Tandel	AICTE SPONSORED One Week FDP on Air, Noise and Odour Pollution – ANOP 2021"	AICTE ATAL	19/06/2021 to 23/06/2021
2	B. N. Tandel	National Conference on "Air, Noise and Odour Pollution" (ANOP-2021)	TEQIP-III	26-27 March-2021
3	G. J. Joshi	15-days Road Safety Auditors Certification Course.	In Association with MoRT&H and IRC.	19th October - 3rd November, 2020
4	G. J. Joshi	15-days Road Safety Auditors Certification Course.	In Association with MoRT&H and IRC.	27th January - 10th February, 2021
5	G. J. Joshi	15-days Road Safety Auditors Certification Course.	In Association with MoRT&H and IRC.	23rd May – 6th June 2021.
6	P.G.Agnihotri	Application of GIS and Remote Sensing in Water Resources Engineering	TEQIP-III	8/03/2021-12/03/2021
7	K.A.Chauhan	Capacity building for Sustainable rural development	UBA-PI	19/07/2021-23/07/2021
8	K.A.Chauhan	One Week Faculty Development Program on "Sustainable Techniques for	UBA	17/05/2021-21/05/2021

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
		rural Development"		
9	K.D.Yadav	Short Term Training Programme on "Waste Management Techniques in Special Attention to COVID-19 Waste (online)"	SVNIT, Surat. Gujarat, India.	22-26 June, 2020
10	K.D.Yadav	Short Term Training Programme on An approach for water conservation and management for sustainability (Under Jal Shakti Abhiyan), online mode	SVNIT, Surat. Gujarat, India.	July, 2020
11	K.D.Yadav	Short Term Training Programme on "Sustainable Villages Development and Unnat Bharat Abhiyan" (online mode)	Collaboration with MGNCRE, Hyderabad, at SVNIT, Surat. Gujarat, India.	24-28 August, 2020
12	K.D.Yadav	Short Term Training Programme on "Sustainable Technologies for Rural Development under Unnat Bharat Abhiyan" (online mode)	SVNIT, Surat. Gujarat, India.	17-21 May, 2021
13	J.B.Patel, S J Shukla, S Kumar	STTP on Advanced Research Topics in Geotechnical and Structural Engineering	Online STTP, TEQIP-III	28/11/2020 - 2/12/2020
14	C D Modhera B.Kondraivendhan	Virtual International Conference on Building Materials and Construction (ICSBMC-2021)	Self sponsored	04-Feb-2021 to 6th Feb-2021
15	C D Modhera B.Kondraivendhan	Virtual Training program for working Civil Engineers at Gujarat Maritime Board (GMB)	GMB	14th June, 2021 to 18th June 2021
16	P. V. Timbadiya, P. L. Patel	One-week STTP "Design of water-related infrastructures for smart city", (Online mode)	TEQIP-III	July 27-31, 2020
17	P. V. Timbadiya, P. L. Patel	One-week STTP "Design of Storm Water Drainage Systems as per CPHEEO-2019" as a part of the Diamond Jubilee Celebration of the Institute. (Online mode)	TEQIP-III	March 15-19, 2021
18	Namrata D Jariwala	2nd International Interdisciplinary Conference on "Gender Equity: Challenges and Opportunities", (Online mode)	TEQIP-III	November 25-27, 2020
19	Namrata D Jariwala	One-week STTP "Air Pollution: Sources Control and Modeling" (Online mode),	TEQIP-III	February 15-19, 2021
20	D. A. Patel	One week STTP on Urban Heritage Conservation: Issues and Challenges.	TEQIP-III	August 2020
21	D. A. Patel	Project end workshop on Digitization of Heritage: Lessons Learned and Future Directions / ICHR		January 2021
22	C.H. Solanki	An interactive session on Issues in Geo-Environmental Engineering of Prof. D.N. Singh, IIT Bombay.		28th September, 2020
23	C.H. Solanki, S. J. Shukla, Ankesh Kumar, Jitesh T. Chavda	Online Short-Term Training Program on Advances in Geotechnical Engineering (AGE-2020).	TEQIP III	19th to 23rd November, 2020
24	Ankesh Kumar, Vishisht Bhaiya, Jitesh T. Chavda	Online Short-Term Training Program on "Metro-Rail Construction and Management"	TEQIP III	14th to 18th December 2020

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
25	Vishisht Bhaiya	Online Short-Term Training Program on "Advanced Design of Steel Structures"	TEQIP III	21st to 25th December 2020
26	Vishisht Bhaiya	Online Short-Term Training Program on "Advances in Earthquake Resistant Design of Structures"	TEQIP III	18th to 22nd January 2021
27	J.N. Patel	Vigilance Awareness Week, Surat and CVC, New Delhi		27-10-2020 to 02-11-2020,
28	J.N. Patel	Application of GIS and Remote Sensing in Water Resources Engineering.	TEQIP III	08-03-2021 to 12-03-2021
29	K.D.Yadav	Short Term Training Programme on "Waste Management Techniques in Special Attention to COVID-19 Waste (online)"		22-26 June, 2020
30	K.D.Yadav	Short Term Training Programme on An approach for water conservation and management for sustainability. online mode.	Under Jal Shakti Abhiyan	27-31 July, 2020
31	K.D.Yadav	Short Term Training Programme on "Sustainable Villages Development and Unnat Bharat Abhiyan" (online mode)	collaboration with MGNCRE, Hyderabad	24-28 August, 2020
32	K.D.Yadav	Short Term Training Programme on "Sustainable Technologies for Rural Development under Unnat Bharat Abhiyan" (online mode).		17-21 May, 2021
33	Chetan R Patel, Dilip A Patel	Two days workshop on 3D mapping and Laser Scanning of Heritage Structures.	SVNIT, Surat	16/10/2020 to 17/10/2020
34	S. M. Yadav	Short Term Training Programme on "Flood Risk Management"	TEQIP III	1st March to 5th March 2021 (Online mode)

Department of Computer Engineering

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
1	Prof. Mukesh A. Zaveri Co-coordinator	Five Days Online STTP on Cyber Threat Intelligence and Digital Forensics(CIDF 2021)	TEQIP-III	March 1-5, 2021
2	Prof. Mukesh A. Zaveri Co-coordinator	Five Days Online STTP on Recent Trends in IoTs and Cloud Computing (RT-IoTCC 2020)	TEQIP-III	June 29 - July 03 2020
3	Dr. U P Rao, Dr. S J Patel	Webinar on Crypto for IoT Devices and Cryptanalysis. Speaker: Dr. Andrea Visconti, Computer Science Department, University of Milan, Italy,	Self-Financed	26 th February, 2021
4	Dr. B. N. Gohil	Recent Trends in IoTs and Cloud Computing	TEQIP III	29/06/2020 to 03/07/ 2020
5	Dr. B. N. Gohil	Cyber Security and Penetration Testing	TEQIP III	28/12/2020 to 01/01/2021
6	Dr. B. N. Gohil	Cyber Threat Intelligence and Digital Forensics	TEQIP III	01/03/2021 to 05/03/2021

Department of Chemical Engineering

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
1	Dr. P. A. Parikh Dr. Mousumi Chakraborty Dr. A. K. Jana Dr. Vineet Kumar Rathore	Virtual International Conference on "Advances in Chemistry and Chemical Engineering 2021"	Self-financed	16-04-2021 to 17-04-2021
2	Dr. Jyoti (MMUT) and Dr. S.K. Sundar (SVNIT)	Coordinator for the Skill Development Programme on 'Risk Assessment and Management in Process Industries' jointly organised by SVNIT, Surat and MMUT, Gorakhpur	Online	21 st September 2020 to 25 th September 2020.
3	Chair Person: Dr. Jigisha K. Parikh, Organizing Secretary: Dr. Meghal A. Desai, Dr. Sanjay R. Patel, Girirajsinh C. Jadeja, Dr. S. K. Sundar	Organizing Secretary, International Conference on "Green Chemistry and Engineering towards Sustainable Development-An Industrial Perspective",	Virtual Mode,	Department of Chemical Engineering, 16-18 June 2021.
4	Dr. Jigisha K. Parikh, Dr. Meghal A. Desai, Dr. Sanjay R. Patel, Dr. G C. Jadeja	Faculty Development Programme (FDP) - online under AICTE Training and Learning Academy (ATAL) on "Green Technology towards Sustainable Future"	AICTE Training and Learning Academy (ATAL)	26/10/2020 to 30/10/2020
5	Chairperson: Dr. Jigisha K. Parikh; Organizing Secretary: Dr. Jigisha K. Parikh, Dr. Meghal A. Desai, Dr. Sanjay R. Patel, Girirajsinh C. Jadeja, Dr. S. K. Sundar	An International Conference on Green Chemistry and Engineering towards Sustainable Development – An Industrial Perspective (GCESDIP 2021)	Self-financed	16/06/2021 to 18/06/2021
6	Dr. Jogender Singh, Dr. Sarita Kalla, Dr. Chetan M. Patel	Occupational Safety and Health Management – Special Emphasis on Covid-19 (OSHM-2020)	TEQIP-III	21 st -25 th September, 2020
7	V. K. Rathore, A. K. Jana, M. Chakraborty, P. A. Parikh,	International conference on "Advances in Chemistry and Chemical Engineering 2021" (ACCE-2021)	TEQIP-III	16-17 th April, 2021
8	Dr. Jogender Singh, Dr. Jyoti (ChED, MMUT Gourakhpur)	Five Days Online Faculty Development Program on 'Frontiers in Chemical Engineering	TEQIP-III	14 th – 19 th September, 2020.

Department of Chemistry

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
1	Smita Jauhari, Kalpana Maheria, Premlata Kumari, Suban Sahoo, Ketan Kuperkar	International Conference on "Molecules to Materials"	Self sustained (Online)	17/12/2020 to 18/12/2020
2	Suban Sahoo, Ketan Kuperkar, Smita Jauhari, Kalpana Maheria, Premlata	International Conference on "Emerging Trends in Medicinal Chemistry	Self sustained (Online)	18/03/2021 to 19/03/2021

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
	Kumari			
3	Dr. B. Z. Dholakiya, Dr. Naved Malek, Dr. Suresh Kumar Kailasa	Virtual International Conference on Chemical Sciences in Sustainable Technology and Development (IC2S2TD-2020) on 1st – 3rd December 2020 at Applied Chemistry Department, S. V. National Institute of Technology, Surat, Gujarat, India.	Self financed	01.12.2020 to 03.12.2020
4	Dr. B. Z. Dholakiya, Dr. Naved Malek, Dr. Suresh Kumar Kailasa, Dr. Ritambhara Jangir, Dr. Togati Naveen	Virtual International Conference on Physical Sciences (ICPS-2021)	Self financed	05.02.2021 to 06.02.2021
5	Dr. B. Z. Dholakiya, Dr. Naved Malek, Dr. Suresh Kumar Kailasa	Online Short Term Training Programme (STTP) on Micro- & Macro-Chemistry Meets Technological Developments (M2CMTD – 2021)	Self financed	05.07.2021 to 09.07.2021
6	Dr. Kalpana Maheria	One day National Seminar on Sexual Harassment at workplace (POSH) Act2013 in collaboration with Women and Child Development office, SMC, Surat (being ICC member)	Women and Child Development office & SVNIT, Surat (Online)	9 th March 2021
7	Dr Kalpana Maheria	International Women's Day Health Talk	TEQIP-III (QUATE)	12 th March 2021
8	Dr. Kalpana Maheria	Organized as an Organizing member (being ICC member), Online Poster Competition on Women empowerment' organized by, Internal Complaints Committee, SVNIT, Surat	TEQIP-III (QUATE)	27 th November 2020.
9	Dr. Kalpana Maheria	Organized as a Coordinator a webinar on, 'How can you extend and exchange power to woman community' organized by Internal Complaints Committee, SVNIT, Surat on Around 190 participants were registered in this webinar.	TEQIP-III (QUATE)	19 th September 2020.
10	Ketan C. Kuperkar	Virtual Short term training programme 'Advanced Characterization Techniques for Chemical Scaffolds (ACTCS 2021).	Self-financed	21st - 25th September, 2021,
11	Dr. Togati Naveen & Dr. Ritambhara Jangir	Advanced Analytical Techniques in Chemistry (AATC-2020)	Self financed	26.10.2020 to 30.10.2020

Department of Mechanical Engineering

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
1	Dr. R. Venkata Rao	One-week short-term training program on "Advanced Engineering Optimization Through Intelligent Techniques"	Self-financed	01/09/2020 - 05/09/2020
2	Dr. R. Venkata Rao	One-week short-term training program on "Pedagogy and Research Methodology"	Institute Grant (for training the faculty)	21/06/2021 - 21/06/2021
3	Dr. A A Shaikh	Reverse Engineering for Product Design	ATAL	10 jan 2020
4	Dr. Shailendra Kumar	International Conf. "Recent Advances in Manufacturing (RAM-2020)	TEQIP-III	3-5 July, 2020

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
5	Dr. Shailendra Kumar	Short Term Training programme (STTP) "Advances in Manufacturing (AIM 2.0)"	TEQIP-III	5-9 October, 2020
6	Dr. Shailendra Kumar Dr. H. K. Dave	Short Term Training programme (STTP) "Advances in Manufacturing"	ATAL	4-8 January, 2021
7	Dr. Shailendra Kumar Dr. H. K. Dave	2 nd International Conf. "Recent Advances in Manufacturing (RAM-2021)"	Under the banner of Diamond Jubilee of Inst.	10-12 June, 2021
8	Dr. Dinesh Singh Dr. Ravi Kant	One Week Short Term Training Programme On "Multiple Attribute Decision Making and Its Industrial Applications"	TEQIP Phase -III	November 02-06, 2020
9	Dr. Ravi Kant Dr. Dinesh Singh	One Week Short Term Training Programme On "Research Methodology: Tools and Techniques"	TEQIP Phase	November 30-December 04, 2020
10	Dr. Dinesh Singh Dr. Ravi Kant	One Week Short Term Training Programme On "Multiple Attribute Decision Making and Its Industrial Applications - II"	TEQIP Phase	December 21-25, 2020
11	Dr. Ravi Kant Dr. Dinesh Singh	One Week Short Term Training Programme On "Research Methodology: Tools and Techniques-II"	TEQIP Phase	February 01-05, 2021
12	Dr. Ravi Kant Dr. Dinesh Singh	One Week Short Term Training Programme On "Research Methodology: Tools and Techniques-III"	TEQIP Phase	March 08-12, 2021
13	Dr. Dinesh Singh Dr. Ravi Kant	One Week Short Term Training Programme On "Multiple Attribute Decision Making and Its Industrial Applications - III"	TEQIP Phase	March 15-19, 2021
14	Dr. Rupesh Shah	Combustion Concepts and Applications	TEQIP-III	30/11/2020 - 04/12/2020
15	Dr. Rupesh Shah	Flow, Energy and Combustion	TEQIP-III	21/12/2020 - 25/12/2020
16	Dr. V.D.Kalyankar Dr. M.H.Bade, Dr. A.V.Doshi,	Online FDP organized on "Blended Learning and Flipped Classrooms"	ATAL ACADEMY	August 10-14, 2020 t
17	Dr. V.D.Kalyankar Dr. M.H.Bade, Dr. A.V.Doshi,	Online FDP organized on "Green and Sustainability in Textile industry"	ATAL ACADEMY	September 21-25, 2020
18	Dr. M.H.Bade, Dr. V.D.Kalyankar Dr. A.V.Doshi,	Online FDP organized on "Blended Learning and Flipped Classrooms"	ATAL ACADEMY	February 08-12, 2021
19	Dr. Vimal Patel Dr. Vikram Rathod Dr. Rupesh Shah	One Week STTP on Flow, Energy and Combustion	TEQIP (III)	21/12/2020 - 25/12/2020
20	Dr. Vimal Patel Dr. Nikhil Bariya Dr. Rupesh Shah	One Week Workshop on Design And Analysis of Thermal Systems Using Axstream	Softinway, India	12/04/2021 - 16/04/2021
21	Dr. Vimal Patel Dr. B. M. Sutariya Dr. Hemant Mehta	National Conference on Advances in Mechanical Engineering	SVNIT, Diamond jubilee Celebration	27/05/2021 - 28/05/2021
22	Dr. Hemant B Mehta Dr. Vipul M. Patel	One-Week Virtual Short Term Training Program on Fundamentals and	Self-Financed	December 21-25, 2020

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
	Dr. Rohan Pande	Modelling of CFD: Part I (Beginner Level)		
23	Dr. Y Naresh	STTP: "Thermal Management: An overview, Challenges and solutions"	TEQIP-III	02/11/2020 to 07/11/2020
24	Dr. Y Naresh	STTP: "Combustion concepts and applications"	TEQIP-III	30/11/2020 to 04/12/2020
25	Dr. Y Naresh	Workshop: Design and Analysis of Thermal Systems using AXStream	SELF	12/04/2021 to 16/12/2021
26	Dr. Amit kumar	Fundamentals and Applications of CFD	TEQIP-III	7-13, Sep-2020
27	Dr. Amit Kumar	National Conference on Advances in Mechanical Engineering	SVNIT (Under Diamond Jubilee Celebration)	27-28, May-2021
28	Dr. Prabhansu	National Conference on Advances in Mechanical Engineering (NCAME-2021)	Diamond Jubilee Celebration, SVNIT	27-28th May 2021
29	Dr. Y. Naresh, Dr. Nikhil A. Baraiya Dr. Manish Rathod	STTP on "Thermal management: An overview, challenges and solutions"	TEQIP - III	One Week
30	Dr. Nikhil A. Baraiya, Dr. Y. Naresh and Dr. RD Shah	STTP on "Combustion Concepts and Applications"	TEQIP - III	One Week
31	Dr. Nikhil A. Baraiya, Dr. Y. Naresh, Dr. Vimal Patel, Dr. J. Banerjee Dr. RD Shah	Workshop on "Design And Analysis Of Thermal Systems Using Axstream"	Self-sponsored	One Week
32	Dr. Rohit Tamrakar	National Conference on Advances in Mechanical Engineering	SVNIT, Diamond Jubilee	27/05/2021 – 28/05/2021
33	Dr. Rohan R. Pande	Fundamentals and Modelling of CFD- Part I	Self-Financed	Dec 21-25, 2020
34	Dr. Y. V Kuwar	Pedagogy and research methodology (PRM 2021)	SVNIT	5 days

Department of Physics

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
1	Prof. V. H. Pradhan Dr Jayesh Dhodiya Dr Yogesh Sonvane	Online STTP on Mathematical Modelling and Simulations in Physical Science	Self-financed	29-06-2020 to 03-07-2020
2	Prof. K. N. Pathak Dr. Dimple Shah Dr. Yogesh Sonvane	Virtual International workshop on Emerging Materials on energy storage and Applications	Self-financed	26-10-2020 to 30-10-2020
3	Dr. Shail Pandey Dr. Ajay Kumar Rai Dr. Vipul A. Kheraj Dr. Debesh R. Roy	One-week Short Term Training Programme (STTP) on Computational Tools for Physics (CTP-2020)	Self-financed	23-11-2020 to 27-11-2020
4	Dr. Shail Pandey Dr. Ajay Kumar Rai Dr. Vipul A. Kheraj Dr. Debesh R. Roy	1st Annual Physics Workshop on Advances in Applied Physics (AAP-2021)	Self-financed	18-01-2021 to 22-01-2021
5	Prof. V. H. Pradhan	Virtual STTP on Emerging trends in		27-01-2021 to

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
	Dr Jayesh Dhodiya Dr Yogesh Sonvnae	Research and Innovation -Tips & Techniques (ETRITT-2021)	Self-financed	31-01-2021
6	Dr. Ajay Kumar Rai Dr. Vipul A. Kheraj Dr. Debesh R. Roy Dr. Shail Pandey	International Conference on Physical Sciences (ICPS-2021)	Self-financed	05-02-2021 to 06-02-2021
7	Prof. K. N. Pathak Dr. Dimple Shah Dr. Lalit Saini Dr. Yogesh Sonvane	One Week STTP Online Scientific Tools for Theoretical Science (STTS-2021)	Self-financed	22-02-2021 to 26-02-2021
8	Prof. V. H. Pradhan Dr Jayesh Dhodiya Dr Yogesh Sonvna	International Conference on Mathematical Modelling and Simulation in Physical Sciences(MMSPS-2021)	Self-financed	17-04-2021 to 18-04-2021
9	Prof. K. N. Pathak Dr. Dimple Shah Dr. Lalit Saini Dr. Yogesh Sonvane	International Conference on Function materials and Applied Sciences	Under Diamond Jubilee	14-05-2021 to 15-05-2021

Department of Electronics Engineering

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
1	Abhishek Acharya & Deepak Joshi	STTP on Emerging Trends in VLSI Design	TEQIP III	2020
2	Suman Deb & Deepak Joshi	STTP on Emerging Trends in Biomedical and Speech signal processing	TEQIP III	23-27 sept. 2020
3	Shilpi Gupta & Kirti Inamdar	STTP on Recent Trends in RF and 5G Technology	TEQIP III	12-16 oct. 2020
4	Kamal Captain & Kirti Inamdar	STTP on Recent Trends in Machine Learning: An Industry Perspective	TEQIP III	8-12 Nov. 2020
5	Rasika Dhavse	Poster Competition on "Women Empowerment".	ICC, SVNIT	27 Nov. 2020
6	Rasika Dhavse	webinar on "How can you extend and exchange power to woman community"	TEQIP (Equate)	19 sept. 2020
7	Rasika Dhavse and Shilpi Gupta	Orientation Webinar	ISF, SC, SVNIT	29 sept. 2020
8	Rasika Dhavse and Shilpi Gupta	Workshop on Machine Learning and Artificial Intelligence	ISF, SC, SVNIT	31 Oct. 2020
9	Piyush Patel, Abhilash Mandloi, Dharmendrakumar	Recent trends in Optical Engineering (RTOE 2020)	TEQIP III	19-23 oct. 2020
10	Piyush Patel, P J Engineer, Brahma Pande	Recent trends in Optical Engineering (RTOE 2020)	TEQIP III	21-25 Dec. 2020
11	Rasika Dhavse	Organized a 5 days' Lecture Series on Google Meet. The event was sponsored by IEEE Student Branch, SVNIT Surat.	IEEE Student Branch	02-06 Mar. 2020
12	Rasika Dhavse	Organized a National Seminar on Sexual Harassment at workplace (POSH) Act 2013. The event was sponsored by Women and Child Development Office, SMC, Surat	SMC	Mar. 9, 2021
13	Rasika Dhavse	Organized a National Webinar on	SVNIT	Mar. 10, 2021

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
		'Women in Engineering' by Dr. Usha Mehta on March 10, 2021 via Google Meet sponsored by SVNIT, Surat		
14	Rasika Dhavse	Organized an International Women's Day Health Talk at ECED, SVNIT. The event was sponsored by TEQIP, ICC, SVNIT, Surat	TEQIP III	Mar.12, 2021
15	Rasika Dhavse	Organized a Two Days' International a Symposium on Signal Processing for Nanoelectronics and Biosciences on March 26-27, 2021 via WEBEX. The event was sponsored by IEEE SPS and NTC Chapters	IEEE SPS & NTC chapter	26-27 Mar., 2021

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

Department of Chemistry			
No.	Name of faculty	Title of Lecture	Place & Date
1	Bharat Dholakiya	"Development of cutting cost technology for preparation of biodiesel using solid supported heterogeneous acid catalyst"	ITM (SLS) Baroda University, Baroda 24/10/2020
2	Suresh Kumar Kailasa	Functional nanomaterials in analytical chemistry: Detection to imaging	Mahatma Gandhi University, Kottayam, Kerala, India & International Academy of Physical Sciences (IAPS), Allahabad
3	Suresh Kumar Kailasa	Fluorescent hybrid nanomaterials: Synthesis and applications	February 15 -27 2021, Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur
4	Suresh Kumar Kailasa	Nanomaterials in bioanalytical applications: Detection, Imaging and Drug delivery	Yogi Vemana University & Universiti Malaysia Kelantan
5	Suresh Kumar Kailasa	"Functional Nanomaterials in Spectrometric and MALDI-Mass Spectrometric Techniques"	Department of Chemistry, National Institute of Technology, Srinagar, 21st – 25th September, 2020
6	Suban K. Sahoo	Vitamin B6 cofactors conjugated fluorescent nanochemosensors and applications	IIT Gandhinagar, June 25-26, 2021
7	Suban K. Sahoo	Sensing and Biosensing with Vitamin B6 Cofactors	STTP, SVNIT, Surat, Oct 26-30, 2020
8	Suban K. Sahoo	Fluorescent Sensors based on Aggregation-Induced Emission	Dhenkanal Autonomous College, Dhenkanal, Odisha, Nov 28-29, 2020
9	Suban K. Sahoo	Sensing AND BIOSENSING with fluorescent nanoclusters	Auro University, Surat, Aug 24, 2020
10		Stimuli Responsive (smart) Hydrogels in Breast Cancer Treatment	(IIT Gandhinagar)
11	Naved I Malek	Smart and sustainable materials	NIT Jalandhar

Department of Chemistry			
No.	Name of faculty	Title of Lecture	Place & Date
		in Breast Cancer Treatment	
12	Naved I Malek	Ionic Liquid Based Materials for Drug Delivery	Advanced Analytical Techniques in Chemistry (AATC-2020)
13	Kalpana Maheria	Mesozeolite BEA catalyzed multicomponent reactions for green synthesis of biologically active heterocyclic scaffolds	(CCE - 2021) held during 22 nd – 26 th February 2021, USA
14	Kalpana Maheria	Inspirational Talk for girl students delivered as Chief Guest	25 th April 2021, J. Navodaya Vidyalaya, Silvassa,
15	Kalpana Maheria	Inspirational Talk for girl students delivered as Chief Guest	28 th April 2021, at, J. Navodaya Vidyalaya, Tapi,
16	Premalata Kumari	Extraction and Analytical Techniques for Phytochemicals	ACD, SVNIT(Online) and 30/10/2020
17	Ketan C. Kuperkar	Chemistry for Chemical Engineering	14-18 th September 2020 Department of Chemistry, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, INDIA.
18	Ritambhara Jangir	A Condensation Strategy for Zeolite-Like Zinc Phosphate Frameworks	Government Engineering College, Banswara, Rajasthan 06/10/2020
19	Togati Naveen	Palladium-Catalyzed Synthesis of N, O-Heterocycles via C-H Functionalization	Department of Chemistry, SVNIT Surat [Mar 2021]
20	Arup K. Ghosh	Wave Mechanics	Chemical Sciences Department, Natubhai V. Patel College, Vallabh Vidyanagar, Anand, Gujarat, 24-25 th Feb 2021.

Department of Applied Mathematics & Humanities			
No.	Name of Faculty	Title of Lecture	Place & Date
1	Dr. Sushil Kumar	Collocation method for differential equations	24-29 August 2020, 24-29 August 2020
2	Dr. Sushil Kumar	Numerical Solution of time fractional bioheat equation using radial basis function and Chebyshev polynomials	Marwadi University Rajkot, 18-20 December 2020
3	Dr. Sushil Kumar	Introduction to MATLAB	SVNIT, 05-09 October 2021
4	Dr. Sushil Kumar	Introduction to MATLAB	17-21 May 2021
5	Dr. Jayesh M Dhodiya	Mathematical Modelling with fuzzy environment"	09-03-2021, AMHD SVNIT.
6	Dr. Jayesh M Dhodiya	Mathematical Modelling and their Applications in Sciences and Engineering	08-01-2021, GUJCOST, DST, Govt. of Gujarat on 8th – 9th January, 2021 at Applied Science & Humanities Dept. S.N.P.I.T. & RC
7	Dr. Jayesh M Dhodiya	Mathematical Modelling on Multi-objective Optimization"	Two days Workshop on "Mathematical Modelling and their Applications in Sciences and Engineering" 09-01-2021,

Department of Applied Mathematics & Humanities			
No.	Name of Faculty	Title of Lecture	Place & Date
			GUJCOST, DST, Govt. of Gujarat on 8th – 9th January, 2021 at Applied Science & Humanities Dept. S.N.P.I.T. & RC
8	Dr. Jayesh M Dhodiya	Fuzzy Multi objective problems and their solution's	26th International Conference of International Academy of Physical Sciences on "Advances in Algebra and Analysis", 19-12-20, CONIAPS), Rajkot.
9	Dr. Jayesh M Dhodiya	"Multi-objective Optimization Mathematical Model and their solution"	Webinar, Faculty of Engineering and technology, 08/10/20, Parul institute of Engineering and Technology.
10	Dr. Jayesh M Dhodiya	"Simulation and Modelling"	Two days Workshop, at SAGE University Indore, 18/08/20.
11	Dr. Jayesh M Dhodiya	"Monte Carlo Simulation for real world problems"	STTP on "Mathematical Modelling and Simulations in Physical Science 29/06/2020-03-07-21, Department of Applied Mathematics and Humanities, SVNIT, Surat
12	Dr. Jayesh M Dhodiya	Mathematical Modelling and Simulation Modelling for real world problems	STTP on "Mathematical Modelling and Simulations in Physical Science 29/06/2020-03-07-21, Department of Applied Mathematics and Humanities, SVNIT, Surat
13	Dr. H. P. Bulsara	Case Study Research	Humanities and Management Science Department , Madan Mohan Malaviya University of Technology, Gorakhpur, 24th June to 29th June 2020. (Online mode)
14	Dr. H. P. Bulsara	Techno-innovation to Techno-entrepreneurship: Issues and Challenges	8th September, 2020, Surat I I Lab (Innovation and Incubation centre) of (Online mode)
15	Dr. H. P. Bulsara	Distinguished Panel Speaker for our E-Talk is "Vocal For Local"	Vivekanand Education Society's Institute of Management Studies and Research, Mumbai. 25th September , 2020 (Online mode)
16	Dr. H. P. Bulsara	Innovation, Entrepreneurship and Project Feasibility Report	12th October, 2020, Waljat College, Muscat, Oman (Online mode)
17	Dr. H. P. Bulsara	Marketing Strategy for Social Enterprise	Nov. 9-13, 2020, NIRDPR NERC, Guwahati, Assam (Online mode)
18	Dr. H. P. Bulsara	Techno-Innovation to Techno-Entrepreneurship: Issues and Challenges	20th July to 24th July 2020 Department of Management Studies, IIIT Allahabad, Prayagraj, BHARAT. (Online mode)
19	Dr. H. P. Bulsara	Marketing Strategy for Innovative Products	July 22nd 2020, "5 Days Workshop on Innovation Management and Entrepreneurship Development" via online mode held from 20th July to 24th July 2020 organized by the Department of Management

Department of Applied Mathematics & Humanities			
No.	Name of Faculty	Title of Lecture	Place & Date
			Studies, Indian Institute of Information Technology Allahabad, Prayagraj, BHARAT. (Online mode)
20	Dr. H. P. Bulsara	Techno-innovation to Techno-entrepreneurship	10th December, 2020, 5 Days Department of Management Studies (DoMS), (IIIT) Allahabad (Online mode)
21	Dr. H. P. Bulsara	Strategies for Marketing of Technology Products	10th December, 2020, 5 Days Department of Management Studies (DoMS), (IIIT) Allahabad (Online mode)
22	Dr. H. P. Bulsara	Feasibility study	10th December, 2020, 5 Days Department of Management Studies (DoMS), (IIIT) Allahabad (Online mode)
23	Dr. H. P. Bulsara	Case Study Research	18th January, 2021, Workshop (e-workshop) on titled "Quality Research and Scholarly Publications in Social Sciences" on 18th-22nd January 2021 organized by the Department of Management Studies (DoMS), National Institute of Technology (NIT), Hamirpur (H.P.) (Online mode)
24	Dr. H. P. Bulsara	Techno-innovation to Techno-entrepreneurship: Issues and Challenges (Keynote speech)	9th March, 2021, 2021 Mar.8-10, 2021 Lisbon(Portugal) (Online mode)
25	Dr. H. P. Bulsara	Marketing for New Age Enterprise	13th March 2021, Institute of Management Studies, Banaras Hindu University (BHU) (Online mode)
26	Dr. H. P. Bulsara	Techno-innovation to Techno-entrepreneurship: Issues and Challenges (Keynote speech)	Apr.12-14, 2021 Porto (Portugal) (Online mode)
27	Dr. H. P. Bulsara	Development of Marketing Strategies	April 28,2021, Sheth P.T. Mahila College of Arts & Home Science, Vanita Vishram, Surat
28	Dr. H. P. Bulsara	Case Study Research	May 24 to May 28, 2021 C.K.Pithawalla College of Engineering and Technology, Surat (Online mode)
29	Dr. H. P. Bulsara	Development of Research Proposal and Case Study Research	27th-31st May 2021 Department of Management Studies (DoMS), (NIT), Hamirpur (H.P.) and AICTE Training And Learning (ATAL) Academy (Online mode)
30	Dr. H. P. Bulsara	Commercialization of Technology Innovations: Issues and Challenges (Keynote speech)	June 7-9, 2021 Istanbul (Turkey) (Online mode)
31	Dr.RamakantaMeher	Foundation of Mathematics and its applications to Real world	Department of Mathematics - Unaided,PSG College of Arts and

Department of Applied Mathematics & Humanities			
No.	Name of Faculty	Title of Lecture	Place & Date
		problems.	Science, Coimbatore. 31st March-2021
32	Dr. Ramakanta Meher	Differential equations with its applications to Real world problems.	Department of Mathematics, SVNIT, Surat. 10th March-2021
33	Dr. R. K. Jana	Data Assimilation in Numerical Weather Prediction	Egra Sarada Shashi Bhusan College, Egra, West Bengal. 16.08.2020
34	Dr. R. K. Jana	Recent developments on extended Wright type Hypergeometric Functions	Marwadi University, Rajkot, Gujarat, India 19.12.2020
35	Dr. R. K. Jana	Hypergeometric function and Ramanujan's Mathematics	Vidyasagar University, West Bengal. 22.12.2020
36	Dr. R. K. Jana	Mathematics Scholarships	Vidyasagar University, West Bengal. 22.12.2020
37	Dr. R. K. Jana	Introduction to Fractional Calculus	SVNIT, Surat 28.12.2020
38	Dr. R. K. Jana	Applications of Fractional Calculus	SVNIT, Surat 28.12.2020
39	Dr. R. K. Jana	Mittag-Leffler Function and Fractional Calculus	SVNIT, Surat 01.01.2021
40	Dr. R. K. Jana	Optimization Techniques: An Overview	SVNIT, Surat 08.02.2021
41	Dr. R. K. Jana	Linear programming problems: Graphical method	SVNIT, Surat 08.02.2021
42	Dr. R. K. Jana	Linear programming problems: Simplex method	SVNIT, Surat 08.02.2021
43	Dr. R. K. Jana	Integer Programming problems	SVNIT, Surat 09.02.2021
44	Dr. R. K. Jana	Transportation problems	SVNIT, Surat 10.02.2021
45	Dr. R. K. Jana	Assignment problems	SVNIT, Surat 10.02.2021
46	Dr. R. K. Jana	Network Analysis: PERT and CPM	SVNIT, Surat 11.02.2021
47	Dr. R. K. Jana	Geometric Programming & Application	SVNIT, Surat 11.02.2021
48	Dr. R. K. Jana	Sensitivity Analysis	SVNIT, Surat 12.02.2021
49	Dr. R. K. Jana	Introduction to Fractional Calculus	Anand International College of Engineering, Jaipur. 01.03.2021
50	Dr. R. K. Jana	Techniques of Operations Research: An Overview	Swarnim Startup & Innovation University, Gandhinagar, Gujarat. 24.08.2021
51	Dr. U. Kaushal	Decoding SCOPUS indexed journals	12th June 2020 in a five day FDP titled Academic Writing and Research Methodology organised by School of Humanities and Social Sciences, Sharda University from 8th-12th June, 2020
52	Dr. U. Kaushal	"Displacement to Double Displacement: Re- Visiting	University of Madras, Chennai, Mother Teresa Women's University,

Department of Applied Mathematics & Humanities			
No.	Name of Faculty	Title of Lecture	Place & Date
		Diaspora Literature”	Kodiakanal & Society 8th July to 14th July 2020.
53	Dr. U. Kaushal	“Developing Research Aptitude”	School of Humanities & Social Sciences, Sharda University 16th September, 2020.
54	Dr. U. Kaushal	“Disenchantment with Postcolonialism”	DAATH Voyage Online Lecture series on 1st Dec 2020.
55	Dr. Twinkle R. Singh	Fluid flow through Porous media and its Applications [Two Lectures]	One week workshop on “Mathematics & its Applications” during 08-12 March 2021.
56	Dr NEERU ADLAKHA	Modelling Thermal Stresses Due To Malignant Tumors in Human Skin and Underlying Tissues	K D K College of Engineering, Nagpur. 15/07/2020
57	Dr NEERU ADLAKHA	MODELLING HUMAN THERMAL SYSTEMS	Department of Applied Sciences & Humanities, Rajkiya Engineering College, Mainpuri, U.P. 27/11/2020
58	Dr NEERU ADLAKHA	Modelling Human Thermal Systems.	National Institute of Technology, Imphal , Manipur , 28/11/2020
59	Dr NEERU ADLAKHA	Modelling Calcium Dynamics in Myocytes	VIT, Bhopal, 19/12/2020
60	Dr NEERU ADLAKHA	Finite Element Modeling of Biological Problems	Department of Mathematics, Pandit Deendayal Petroleum University, GANDHINAGAR-382007, GUJARAT, 06/01/2021
61	Dr. Indira P. Tripathi	Support Vector Machines and Optimization	SVNIT, Online (Google Meet) Date: 20.06.2020
62	Dr. Indira P. Tripathi	Plotting in Mathematica 2D & 3D Graphics	SVNIT, Online Google Meet Date: 08.10.2020
63	Dr. Indira P. Tripathi	Mathematical environment, different formats for equations	SVNIT, Online Google Meet Date: 04.01.2021
64	Dr. Indira P. Tripathi	Plotting in Mathematica 2D & 3D Graphics	SVNIT, Online Google Meet Date: 20.05.2021
65	Dr. Shailesh Kumar Srivastava	Introduction to “MATHEMATICA”	Department of General Science and Engineering, SKN Sinhgad College of Engineering, Pandharpur, Maharashtra during November 23-27, 2020. Online Mode
66	Dr. Shailesh Kumar Srivastava	Technical References/ Bibliography database collection and citation using JABREF reference manager).	Department of Mathematics & Humanities, SVNIT Surat Date: Jan. 06, 2021 Online Mode
67	Dr. Shailesh Kumar Srivastava	Expert Lectures on “MATLAB”	Department of Mathematics & Humanities, SVNIT Surat October 06, 2020 Online Mode
68	Dr. Shailesh Kumar Srivastava	Expert Lectures on “MATLAB”	Department of Mathematics & Humanities, SVNIT Surat May, 17, 2021 Online Mode
69	Vaishali Dhingra	Active learning	Sponsored by GUJCOST, Applied Science and Humanities Department, C. K. Pithawala College of Engineering and

Department of Applied Mathematics & Humanities			
No.	Name of Faculty	Title of Lecture	Place & Date
			Technology, Surat 26th May, 2021

Department of Physics			
No.	Name of Faculty	Title of Lecture	Place & Date
1	Dr Yogesh Sonvane	Molecular Simulation through Octave	29-06-2020
2	Dr. D. R. Roy	Introduction to Molecular Electronics, in TEQIP-III, sponsored STTP, DoC & DoMME, NIT Rourkela.	24-09-2020
3	Dr Shail Pandey	Express VI in LabVIEW: Simulating Signals	25-11-2020
4	Dr. Dimple Shah	Women Empowerment in Yuvaah Utsav Naye Bharat ka	24/01/2021
5	Dr Yogesh Sonvane	2D Materials for Energy Harvesting Applications	26-01-2021
6	Dr Yogesh Sonvane	Introduction to Plagiarism tools	28-01-2021
7	Dr Yogesh Sonvane	Introduction to VASP Software	22-02-2021

Department of Chemical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
1	Z.V.P. Murthy	Application of different nanomaterials in the membrane separation processes for water treatment and desalination.	National Institute of Technology (NIT) Calicut, India, 18-19 December 2020.
2	Dr. Z.V.P. Murthy	Basics of synthetic membrane separation processes for wastewater treatment, GUJCOST sponsored one-day Webinar on "Sustainable mechanisms for air and water pollution control:	Sarvajanik College of Engineering & Technology (SCET), Surat. March 6 th , 2021
3	Dr. Jigisha K Parikh	Waste to Energy, Short term training program (STTP) on "Advances in Waste Management Systems" funded by GUJCOST – DST during 2 nd to 6 th November 2020	MED, ADIT, Vallabhvidyanagar, (ONLINE Mode), 5 th November 2021.
4	Dr. Jigisha K Parikh	Principles of Green Chemistry and Engineering, AICTE Training and Learning Academies (ATAL) sponsored online Faculty Development Programme (FDP) on "Green Technology Towards Sustainable Future	26 th -30 th October 2020, ChED, SVNIT, Surat (ONLINE Mode), 26 th Oct 2020.
5	Dr. Jigisha K Parikh	, Waste Valorisation - Biomass to Value added Chemicals, AICTE Training and Learning Academies (ATAL) sponsored online Faculty Development Programme (FDP) on "Environment, Energy, Health and Safety: Trends & Industrial Aspects.	17 th May, 2021 - 21 st May, 2021, ChED K. K. Wagh Education Society's K. K. Wagh Polytechnic, Nashik, (ONLINE Mode), 18 th May 2021.
6	Dr. Chetan M. Patel	Powder Hazards, Occupational Safety and Health Management –	22 th September, 2020, ChED, SVNIT-Surat.

Department of Chemical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Special Emphasis on Covid-19 (OSHM-2020),	
7	Dr. Meghal A. Desai	Microwave Assisted Processes. GUJCOST Sponsored & CTE-Gandhinagar approved Online One Week Short Term Training Programme (STTP) in association with IChE Students' chapter GEC Bharuch on "The Role of Green Chemical Technology in Sustainable Development",	April 5 th , 2021; GEC Bharuch.
8	Dr. Meghal A. Desai	Parameters Optimization using the Taguchi Method II. Faculty Development Program under AICTE Training and Learning (ATAL) Academies Programme on "The Data Driven Transformation in Drug Discovery: Harnessing the Power of Data",	October 8, 2020; Maliba College of Pharmacy, Bardoli.
9	Alka A. Mungray	Advance Membrane Technology for Wastewater Treatment	Amity University, Noida, UP on 22nd March, 2021,
10	Dr. A. K. Mungray	Osmotic and Benthic microbial fuel cell: Prospective solution for energy and environmental crisis. E-Faculty Development Program (FDP) cum workshop on "Waste to Energy"	Department of Life Science, School of Basic Science, Sharda University, UP July 3 rd , 2020. (online)
11	Dr. A. K. Mungray	Application of Nanoparticles in Bioelectrochemical Systems for Sustainable Development. AICTE ATAL FDP on "Nanotechnology for Green Processes and Sustainable Development"	Department of Chemical Engineering VNIT Nagpur, 25 th August 2020. (online)
12	A. K. Mungray	Wastewater Treatment and its Reuse. AICTE ATAL on "Advances in Biological Wastewater Treatment Methods: Teaching and Learning Strategies"	Department of Biotechnology NIT Warangal 09 th September 2020. (online)
13	Dr. A. K. Mungray	Nanotechnology for Energy and Environment. National level Webinar on "Recent Trends in Nanoscience and Nanotechnology",	Chemical Engineering," Aditya Silver Oak Institute of Technology, Ahmedabad 1 st December, 2020. (online)
14	Dr. A. K. Mungray	Wastewater Treatment for Sustainable Development on "Sustainable trends in Energy and Environment (STEE-2021)". Institute of Technology,	Lucknow 7 th Feb., 2021. (online)
15	Dr. A. K. Mungray	Sustainable Wastewater Treatment. Webinar series on	RAJKOT, 8 th Feb., 2021. (Online).

Department of Chemical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		innovation and advanced technologies. Department of Chemical Engineering, Marwadi University,	
16	Dr. A. K. Mungray	Wastewater Treatment using Biological Methods A Five-Day Online Faculty Development Program on "Teaching and learning strategies for frontiers in membranes for wastewater treatment"	NIT Warangal 10 th March, 2021. (online)
17	Dr. A. K. Mungray	World Environmental Day Sustainable Development Strategies On World Environment Day	SVNIT Surat 5/06/2021 (online).
18	Dr. S. R. Patel	The Use of Ultrasound in Crystallization, GUJCOST Sponsored & CTE- Gandhinagar approved Online One Week Short Term Training Programme (STTP) in association with IICHe Students' chapter	GEC Bharuch, (13/04/2021).
19	Dr. S. R. Patel	The Role of Ultrasound in Crystallization, Faculty Development Program under AICTE Training and Learning (ATAL) on Green Technology towards Sustainable Future by	online mode organized by SVNIT, Surat on 29-10-2020.
20	Dr. S. R. Patel	Sonocrystallization Process, FDP on Frontiers in Chemical Engineering	Madan Mohan Malaviya University of Technology, Gorakhpur, Uttar Pradesh 18-09-2020.
21	Dr. S. R. Patel	Multi-response optimization using grey based Taguchi method: case study, Faculty Development Program on "Optimization using Design of Experiments"	R. N. G. Patel Institute of Technology, Bardoli on 18/06/2020.
22	Dr. S. R. Patel	Taguchi method orthogonal array method: Case Study, Online Faculty Development Program on "Process Optimization using Design of Experiments"	R. N. G. Patel Institute of Technology, Bardoli on 16/06/2020.
23	Dr. S. K. Sundar	Nanoencapsulation of Bioactive Compounds: Methods, Challenges and Future Perspectives	S.N. Patel Institute of Technology and Research Centre, 9 th Sep 2021.
24	Dr. Jogender Singh	Process Intensification and Permeate Flux Augmentation in a Novel Membrane Module in On "Renewable Energy & Effluent Treatment" (REET-2021).	TEQIP-III Sponsored One Week Online Short-Term Course (01-05 March, 2021)
25	Dr. Sarita Kalla	Application of Membrane	University of Sri

Department of Chemical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Distillation for Azeotropic Mixture Separation: Opportunities, Challenges, and Future Research Direction	Jayewardenepura, Srilanka, March 15, 2021
26	Dr. Sarita Kalla	Application of membrane distillation for oily wastewater treatment: opportunities challenges and future research direction,	Parul University, Vadodara, November 7, 2020.
27	Dr. V.K. Rathore	Challenges in Solid waste management: case study of spent adsorbent management" in Short Term Training Program on "Techno-Economic Solution for Sustainable Municipal Solid Waste Management for Development of Smart Cities in India" organized by Department of Chemical Engineering,	Institute of Engineering and Science, IPS Academy, Indore on 01/09/2020.
28	Dr. V.K. Rathore	"Recent trends in industrial waste water treatment" in Short Term Training Program (STTP) on "Water and Sanitation" organized by Department of Biotechnology	IIMT Engineering College, Meerut on 24/08/2020.

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
01	Dr. Bhaven Tandel	Envioronmental and social impacts of COVID-19: Lessons to be learnt	Government Engg. College, Surat, July 2020
		Air pollution: Basics, fundamentals and legislation / Five days STTP on "Air Pollution: Sources, control and modelling"	CED, SVNIT Feb-2021
		Noise Pollution: Basic fundamentals, health impacts & mitigation strategies / Five days FDP on "Air, Noise and Odour Pollution - ANOP-2021"	CED, SVNIT, Surat June-2021
02	Prof. G. J. Joshi	Road Safety Scenario. 15-days Road Safety Auditors Certification Course.	In Association with MoRT&H & IRC 19th October - 3rd November, 2020
		Safety in Design of Intersections and Interchanges. 15-days Road Safety Auditors Certification Course.	
		Safety for VRUs and special needs of Persons with Disabilities. 15-days Road Safety Auditors Certification Course	
		Case Studies on Traffic Studies. 15-days Road Safety Auditors Certification Course.	
		Road Safety Scenario. 15-days Road Safety Auditors Certification Course.	In Association with MoRT&H & IRC 27th January - 10th February, 2021
		Safety in Design of Intersections and Interchanges. 15-days Road Safety	

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Auditors Certification Course.	
		Safety for VRUs and special needs of Persons with Disabilities. 15-days Road Safety Auditors Certification Course.	
		Case Studies on Traffic Studies. 15-days Road Safety Auditors Certification Course.	
		Road Safety Scenario. 15-days Road Safety Auditors Certification Course.	In Association with MoRT&H & IRC 23rd May – 6th June, 2021
		Safety in Design of Intersections and Interchanges. 15-days Road Safety Auditors Certification Course.	
		Safety for VRUs and special needs of Persons with Disabilities. 15-days Road Safety Auditors Certification Course.	
		Case Studies on Traffic Studies. 15-days Road Safety Auditors Certification Course.	
		Road Safety Scenario. 15-days Road Safety Auditors Certification Course.	In Association with MoRT&H & IRC 19th October - 3rd November, 2020
		Safety in Design of Intersections and Interchanges. 15-days Road Safety Auditors Certification Course.	
		Safety for VRUs and special needs of Persons with Disabilities. 15-days Road Safety Auditors Certification Course	
		Case Studies on Traffic Studies. 15-days Road Safety Auditors Certification Course.	
		Road Safety Scenario. 15-days Road Safety Auditors Certification Course.	In Association with MoRT&H & IRC 27th January - 10th February, 2021
		Safety in Design of Intersections and Interchanges. 15-days Road Safety Auditors Certification Course.	
		Safety for VRUs and special needs of Persons with Disabilities. 15-days Road Safety Auditors Certification Course.	
		Case Studies on Traffic Studies. 15-days Road Safety Auditors Certification Course.	
		Road Safety Scenario. 15-days Road Safety Auditors Certification Course.	In Association with MoRT&H & IRC 23rd May – 6th June, 2021
		Safety in Design of Intersections and Interchanges. 15-days Road Safety Auditors Certification Course.	
		Safety for VRUs and special needs of Persons with Disabilities. 15-days Road Safety Auditors Certification Course.	
		Case Studies on Traffic Studies. 15-days Road Safety Auditors Certification Course.	
03	Dr. Ashish Dhamaniya	Road Attenuators and Case Study 15-Days Road Safety Auditors Certification Course Transportation Engineering & Planning Section.	CED, MNIT, Jaipur February, 2021
		Road Signs and Markings 15-Days Road	

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Safety Auditors Certification Course Transportation Engineering & Planning Section.	
		Horizontal and Vertical design of roads 15-Days Road Safety Auditors Certification Course Transportation Engineering & Planning Section.	
04	Dr.B.Kondraivendhan	Fly ash-blended cement paste and mortar/STTP on "Novel Advances in Ingredients of Sustainable Construction Materials"	LD Engg. College Ahmedabad 4th June-2021
		Corrosion in Concrete/AICTE-ISTE approved Faculty Development Program on "Advancement in Materials & Techniques for Global Construction Industry"	ITE, Indus Uni., Rancharda 28th April-2021
05	Dr. P. V. Timbadiya	"Availability of rainfall data in India" in TEQIP-III sponsored One Week STTP on Design of water related infrastructure for smart city. (online mode)	CED, SVNIT, Surat July, 29-30 2020
		"Storm and Sewerage Network Design: CPHEEO guidelines" in TEQIP-III sponsored One Week STTP on Design of water related infrastructure for smart city. (online mode)	
		"Water distribution network Design: Hydraulic Principles" in TEQIP-III sponsored One Week STTP on Design of water related infrastructure for smart city (online mode)	
		"Water distribution network Analysis and Design" in TEQIP-III sponsored One Week STTP on Design of water related infrastructure for smart city. (online mode)	
		"Design of Water Distribution Network Using Bentley Water GEM", in One Week FDP on Software Applications : A modern Platform For Smart City and Smart Village Infrastructure Development (online mode)	October 15, 2020.
		"Data Collection, Analysis, and Presentation", in Expert lecture webinar series at (online mode)	L.E. College, Morbi January 4, 2021.
		"Availability of rainfall data in India", in TEQIP-III sponsored One-week short term training programme (online) on Design of Storm Water Drainage Systems as per CPHEEO-2019 (online mode)	TEQIP-III March 15-19, 2021.
		"Measurement of rainfall and post-processing of data" in TEQIP-III sponsored One-week short term training programme (online) on Design of Storm Water Drainage Systems as per CPHEEO-2019 (online mode)	

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		"Rainfall Analysis" TEQIP-III sponsored One-week short term training programme (online) on Design of Storm Water Drainage Systems as per CPHEEO-2019 (online mode) during	
		"Design flow estimation using Unit Hydrograph-I" TEQIP-III sponsored One-week short term training programme (online) on Design of Storm Water Drainage Systems as per CPHEEO-2019 (online mode)	
		"Design flow estimation using Unit Hydrograph-II" TEQIP-III sponsored One-week short term training programme (online) on Design of Storm Water Drainage Systems as per CPHEEO-2019 (online mode)	
06	Dr. Namrata D Jariwala	"Impact of point and non-point pollution sources on river water Quality-Case study of river Tapi" at TEQIP - III sponsored One Week STTP on "An approach for water conservation and management for sustainability"	CED, SVNIT, Surat 30th July 2020
		"Water supply and sanitary Engineering" (Online mode)	Govt. Poly. Surat 8th October 2020.
		"Application of fuzzy logic".(online mode)	3rd November 2020
		"Waste to Energy" (Online mode)	5th November 2020
		"Application of Fuzzy logic and Fuzzy rule based system in Civil Engineering " (On line mode) TEQIP sponsored STTP on "Machine learning and it's application to Civil Engineering (MLACE-2020)	6th November 2020
		"Introduction to air Pollution and its Monitoring " (online) TEQIP - III sponsored Short Term Training Program (STTP) on "Air Pollution : Sources, control and Modeling"	15th February 2021
		"Application of Fuzzy logic and Fuzzy rule based system in Environmental Engineering " (On line mode) at Short Term Training Course (STC) on "Application of Artificial Intelligence and IoT in Civil Engineering" .	26th March 2021
		"Fuzzy logic, Fuzzy Rule based and its application " (on line mode)	6th April 2021
		"Introduction to Grey Water Treatment " (online mode)	17th April 2021
		"Impact of urban pollution sources on surface water quality and urban dwellers " (online mode) at GUJCOST, DST, Sponsored Online Short-Term Training	30th April 2021

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Program (STTP) on "Wastewater Treatment Efficiency and Management"	
07	Dr. P. L. Patel	Impact of climate variability on water security of Tapi basin in India; KeyNote Lecture in HYDRO-2020 International Conference.	March 26-28, 2021
		Impact of climate variability on water security of Tapi basin in India; STTP on "Advanced Technologies in Water Resources Management (ATWARM-2020)", Online mode.	November 27, 2020
		Measurement of rainfall and post processing of data,TEQIP-III sponsored "Design of Water Related Infrastructures for Smart City", (Online mode)	July 27, 2020.
		Development of IDF curves,TEQIP-III sponsored "Design of Water Related Infrastructures for Smart City", (Online mode)	July 27, 2020.
		Basic concepts of Storm Water Flows,TEQIP-III sponsored "Design of Water Related Infrastructures for Smart City", (Online mode)	July 28, 2020.
		"Impact of climate variability and anthropogenic changes on availability of stream flows of Tapi basin, India" during International e-Conference on Water Source Sustainability being.	June 18-20, 2021
		Impact of climate variability on water security of Tapi basin in India; International Conference on Water and Environment (ICWE-2021)	March 22-23, 2021
08	Dr. K.D.Yadav	Solid waste management practices on one week short term training course on Challenges and opportunities in solid and liquid waste management.	02-06 November, 2020
		Sustainable Technologies for Human Excreta Management. One Day online Workshop on Urban Environment and Sustainability.	27-10-2020
		Potential of yellow water to sustain the fertilizer demand in one week short term training programme on Wastewater treatment efficiency and management.	26-030 April, 2021
		Role of individual person to protect the environment on World Environment Day.	5th June, 2021
		Construction and demolition waste management: Case study of Surat City in ATAL Faculty development program.	30 August- 03 September, 2021
10	Dr. D. A. Patel	Sustainable Resilient Infrastructure Management / STTP on Advance in Construction and Project Management.	January 2021
		Construction Safety Management:	March 2021

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Prevention Through Design (PtD) / National Symposium on Advanced Construction Technology & Management,	
		Structural Equation Modeling: An Overview / Short Term Training Programme on Tools for Transportation Data Analysis & Modelling,	May 2021
		Structural Equation Modeling: Basic Fundamentals / Short Term Training Programme on Tools for Transportation Data Analysis & Modelling, Centre for Transportation Research.	March 2021
		Introduction to Structural Equation Modeling / Recent Advances in Transportation Research	December 2020
		Safety in Construction Projects / STTP on Advance in Construction and Project Management.	November 2020
		Resilient and Sustainable Infrastructure Management / STTP on Advance in Construction and Project Management.	November 2020
		An Introduction to BIMS	October 2020
		Safety in Construction Projects / STTP on Advance in Construction and Project Management.	October 2020
		Resilient and Sustainable Infrastructure Management / STTP on Advance in Construction and Project Management.	October 2020
		Safety in Construction Projects / STTP on Advance in Construction and Project Management.	December 2020
		Resilient and Sustainable Infrastructure Management / STTP on Advance in Construction and Project Management.	December 2020
		Application of BIM in Sustainable Construction / One week online course on Sustainable construction practice.	October 2020
		Resilient Infrastructure Management / One week online course on Sustainable construction practice.	October 2020
		Risk Management in Construction / Occupational Safety and Health Management –Special Emphasis on COVID 19.	September 2020
11	Dr. Atul K. Desai	Recent advances in structural engineering, webinar.	12-06-2020
		Recent advances in geotechnical engineering, webinar.	27-06-2020
		Latest trends in cable supported structures.	01-08-2020.
		Recent advances in civil and structural engineering, webinar	23-11-2020

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Different techniques of geo-reinforcement for flood protection.	06-03-2021.
		Analysis of tornado and cyclone using CFD for wind resistant structure.	12-03-2021
		Recent advances in Geotechnical and Structural Engineering.	01-07-2021.
		Wind resistant structure: analysis & Design, sponsored by GUJCOST	18-08-2021
12	Dr. C.H. Solanki	A webinar on Opportunities in Civil Engineering-Post COVID Scenario.	08/07/2020
		Online workshop on Opportunities in Civil Engineering-Post COVID Scenario.	15/07/2020
		Soil Testing for Construction of Road-Embankment, One week Faculty Development Program on Infrastructure Works:Site Survey to Execution-Through Modern Project Management Techniques.	12/08/2020
		A webinar on Soil Properties and Its Significance for Foundation Design.	30/09/2020
		Expert talk on Geotechnical Aspects for Foundation Design.	23/11/2020
		Expert talk in STTP Soil Properties and its significance for foundation design	19/11/2020
		Expert talk on Quick Computation of Foundation Settlement dated on at Recent Advances in Geotechnical Engineering.	02/03/ 2021
		A webinar on Quick Computation of Foundation Settlement.	16/03/2021
		Expert talk on Stabilization of Industrially Contaminated Pb-Zn Slag Residue (LZSR) using Limestone Calcined Clay Cement (LC3) dated on at One-week Short Term Training Program (STTP) on "Recent Trends in Environmental Geotechnology for Sustainable Development".	25/03/2021
		A talk on Stabilization of Industrially Contaminated Pb-Zn Slag Residue (LZSR) using Limestone Calcined Clay Cement (LC3) dated on at International Seminar on Advances in Civil Engineering Practices.	20/04 /2021
		A talk on Correlations for foundation settlement Two Days Online Faculty Development Program on Recent Innovation in Geotechnical Engineering (RIGE-2021).	04/06/2021
		A talk on Quick Computation of Foundation Settlement ATAL Academy Sponsored One Week Online Faculty Development Program on Sustainable Practices in Civil Engineering.	14/06 2021
13	Dr. Ankesh Kumar	Expert talk on Tunneling in Himalyan geology at Online STTP on "Assessment	26/10/2020 to 04/11/2020

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		of Engineering in Infrastructural Development".	
14	Dr. Tamizharasi G.	Delivered lecture in Anna University Sponsored Six days Online Faculty Development Program on "CE8502 – Structural Analysis I" in the title Unit 3 - Moment Distribution Method.	16 June 2021
15	Dr Vishisht Bhaiya	Delivered expert lecture on "Overview of Earthquake Engineering" in the Lecture Series on Various Aspects in Civil Engineering.	12 th February 2021
16	Dr. Jitesh T. Chavda	Presented a Lecture on "Well Foundation – An Overview".	10th July 2020.
		Presented a Lecture on "Dynamic Soil Properties" in TEQIP III sponsored 5-Days FDP on Future Trends in Earthquake Resistant Design of Structures (FTERDS2020).	17th – 21st August 2020.
		Presented a Lecture on "Heritage Impact Assessment: Geotechnical Aspects" in TEQIP III sponsored 5-Days STTP on Urban Heritage Conservation: Issues and Challenges.	31st August – 04th September 2020
		Presented a Lecture on "Image Analysis: Applications in Civil Engineering" in TEQIP III sponsored 10-Days STTP on Assessment of Engineering in Infrastructural Development.	26th October – 04th November 2020
		Presented a Lecture on "Applications of Image Analysis in Geotechnical Engineering" in TEQIP III sponsored 5-Days STTP on Advances in Geotechnical Engineering.	19th November – 23rd November 2020
		Presented a Lecture on "Heritage Impact Assessment for Agra Metro" in TEQIP III sponsored 5-Days STTP on Metro Construction and Management.	14th December – 18th December 2020
		Presented a Lecture on "Heritage Impact Assessment for Underground Construction" in AICTE sponsored 5-Days STTP on Sustainable Materials & Resilient Buildings Philosophy, Design, Implementation, and Performance.	4th January – 8th January 2021
		Presented a Lecture on "Theory of Soil Compressibility and Consolidation Theory" in TEQIP III sponsored.	25th December – 26th December 2020
		Presented a Lecture on "Deep Excavation Challenges" in 5-Days STTP on Sustainable Development in Civil Engineering.	8th – 12th February 2021.
		Presented a Lecture on "An Overview on Deep Excavations in Urban Areas" in 1-Day Workshop on Various Aspects in Civil	12th February 2021.

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Engineering.	
17	Dr. J.N. Patel	"Groundwater and its Recharge" at One week STTP on An approach for water conservation and management for sustainability.	July 2020
		"Application of IoT for Smart Irrigation" at International Webinar on Water Resource Management.	September 2020
		"Fundamentals of Geospatial Technologies" at Fundamentals of Geospatial Technologies.	March 2021
		"Applications of Geospatial Technologies" at Fundamentals of Geospatial Technologies.	March 2021
		"Economics and Quality of Groundwater Recharge in Conjunction with Stormwater Drainage System" at Water Conclave-for a better future.	March 2021
		'Advances in Irrigation Water Management" at Workshop on World Water Day.	March 2021
		'Recent Trends in Water Resources Engineerin" at Webinar on Recent Trends in Water Resources Engineering.	April 2021
		"Opportunities of Consultancy in Water Resources Sector"" at FDP on Consultancy in Civil Engineering:Opportunities and Challenges.	May 2021
		"Basics and Applications of Geospatial Technologies"" at FDP on Advanced Surveying Instruments and Techniques.	June 2021
18	Dr. Chetan R Patel	Transportation Survey and Data Collection Recent Advances in Transportation Research.	21-25 December 2020
		Intelligent Transport System Recent Advances in Transportation Research.	21-25 December 2020
		ANN: Fundamentals to Application Webinar -GEC Valsad Online.	1st April 2021
		GIS and Remote Sensing – Applications and Techniques AICTE-RGVP Joint Teachers Training Program Online.	25th February 2021
		Public Bicycle Sharing Faculty Development Program Online	19 June 2021
		Application of Space Technology in Urban Planning AICTE Training and Learning-ATAL Academy Online.	14 July 2021
		Questionnaire Design: Stated Preference Survey STTP on Tools and Transportation Data Analysis and Modeling Online.	27 May 2021
19	Dr. A J SHAH	Design of Industrial structure STTP on Advance design of Steel Structure.	December 21-25 2020
20	Dr. C D Modhera	Durability of Structural Concrete, Recent	02.03.2021

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Developments in The Concrete technologies: Sustainability of Modern and Hybrid Composites.	
		Recent Advances in Concrete Technology, Virtual Training Program for Working Civil Engineers/Officials.	14.06.2021
		Basic mechanics of structural materials, Virtual Training Program for Working Civil Engineers/Officials.	15.06.2021
		Mix design of concrete, Virtual Training Program for Working Civil Engineers/Officials.	16.06.2021
		Durability of concrete structures, Virtual Training Program for Working Civil Engineers/Officials at Gujarat Maritime Board (GMB), at SVNIT – Surat	17.06.2021
		Utilization of C & D waste in concrete, Virtual Training Program for Working Civil Engineers/Officials.	18.06.2021
		Repair & rehabilitation techniques, Virtual Training Program for Working Civil Engineers/Officials.	18.06.2021
		Recent advancement in the field of Concrete: Opportunities & Challenges, Challenges & Opportunities in the Research field of Civil Engineering.	30.07.2021
21	Dr. S. M. Yadav	“Hyderabad Floods and Storm drain network” ATAL Faculty Development Programme on Software Applications: A Modern Platform for Smart City and Smart Village Infrastructure Development	12-17 October, 2020
		Application of Soft Computing Techniques in Engineering,	2-6 November 2020.
		Spatiotemporal analysis of Drought Characteristics in the Girna basin, Advanced Technologies in Water Resources Management (ATWARM-2020),	23-27 November 2020.
		Spatiotemporal analysis of Drought Characteristics in the Girna basin, Advanced in Civil Engineering and Sustainable Infrastructure Development	26-30 November, 2020
		Flood Inundation Modelling using DEM, RS & GIS, Application of GIS & Remote Sensing in Civil Engineering	15-19 December 2020.
		Multi Criteria Decision Making (MCDM) case study using Analytic Hierarchy Process (AHP)	19 January 2021.
		Hydro Power Development in India: Issues and Challenges	4 February 2021.
		Hydrodynamic modelling Techniques for River flow Simulation and Analysis, at Advance Modelling Techniques in Water	23 March 2021.

Department of Civil Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Resources Management and Engineering (AMTWRME)	
		Design of Water Distribution Network (WDN)	27 March 2021
		IoT based conceptual model for street level flood water monitoring for smart city, in Latest trends in Civil, Mechanical and Electrical Engineering	12 April 2021
		Exploring Opportunities and Challenges in the various fields of Water Resources Engineering and Management, Webinar for Civil Engineers Global Employability through Project works	21 June 2021.
		Assessment of riverine dredging impact on flooding in low gradient river at Workshop on Smart City Enabling Technologies: A step towards new India	24 June 2021.
22	Dr. Mansoor Ahammed	Anaerobic digestion of municipal solid wastes, UGC Refresher Course on Environmental Conservation, online.	November 2020
		Quality of rooftop rainwater harvesting, Short Term Training Programme on An approach for water conservation and management for sustainability (Under Jal Shakti Abhiyan), online.	July 2020
		Greywater treatment and reuse, GUJCOST course on Wastewater treatment efficiency and management, online.	April 2021

Computer Engineering Department			
No.	Name of Faculty	Title of Lecture	Place & Date
1	Prof. D C Jinwala	Security Issues in the Cyber Physical Systems and the Internet of Things	28 th Aug 2020. AICTE STTP on Cyber Security and Forensics, Sri Aurobindo Institute of Technology, Indore
2	Prof. D C Jinwala	Design of a hop-by-hop link layer security protocol for the Wireless Sensor Networks & the Internet of Things	28 th Aug 2020. AICTE STTP on Cyber Security and Forensics, Sri Aurobindo Institute of Technology, Indore
3	Prof. D C Jinwala	Network Attack and Defense: Reconnaissance and Port Scanner Tools I and II	13 th Oct 2020. AICTE STTP on Cyber Security and Forensics, Sri Aurobindo Institute of Technology, Indore
4	Prof. D C Jinwala	Network Attack and Defense: Firewalls and Linux iP Tables	14 th Oct 2020. AICTE STTP on Cyber Security and Forensics, Sri Aurobindo Institute of Technology, Indore
5	Prof. D C Jinwala	P, NP Theory I, II and III	Oct 2020, CSPIT, CHARUSAT, Changa.
6	Prof. D C Jinwala	A peep into Ethical Research Issues into Blockchain	6 th Nov 2020. International Workshop on Data Science &

Computer Engineering Department			
No.	Name of Faculty	Title of Lecture	Place & Date
		Technology and Crypto currencies	Machine Learning, Rashtriya Raksha University, Gandhinagar
7	Prof. D C Jinwala	Research and Writing Papers: Writing Style and Mistakes to Avoid - I	2 nd Dec 2020. ATAL FDP on Research Methodology, Indian Institute of Information Technology, Nagpur
8	Prof. D C Jinwala	A peep into Ethical Research Issues into Blockchain Technology and Crypto currencies	8 th Dec 2020. TEQIP Sponsored FDP on Blockchain Technology and Its Applications in the Internet of Things, Sardar Vallabhbhai National Institute of Technology, Surat
9	Prof. D C Jinwala	A Peep into Adversarial Machine Learning: Industry Perspectives – I, II, III	22 nd Dec 2020. ISEAP II Sponsored STTP: Cyber Security and Digital Forensics, Maulana Azad National Institute of Technology, Bhopal
10	Prof. D C Jinwala	Privacy Homomorphism and Applications in the Internet of Things	24 th Dec 2020. AICTE STTP on Cyber Security and Forensics, Sri Aurobindo Institute of Technology, Indore
11	Prof. D C Jinwala	Mathematical Foundations for Information Security & Cryptography	29 th Dec 2020: Nirma Institute of Technology, Ahmedabad.
12	Prof. D C Jinwala	Security Issues in the Cyber Physical Systems and the Internet of Things	7 th Jan 2021: AICTE Atal STTP AICTE-ATAL Online Five Days Faculty Development Program (FDP) on 'Internet of Things', GCET, Vallabh Vidhyanagar
13	Prof. D C Jinwala	Blockchain of Things: Applications, Security and Privacy Issues	18 th June 2021. AICTE approved STTP on the Internet of Things, CSPIT, CHARUSAT, Changa.
14	Prof. D C Jinwala	Denial of Service Attacks on the RPL Routing Protocol in 6LowPAN in the IoT Systems	March 25, 2021. TEQIP-III Sponsored FDP on Modern Cryptography, Blockchain & IoT Security : Challenges, Solutions & Future Prospects, University Institute of Technology at Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal
15	Prof. D C Jinwala	Searchable Encryption in Cloud: Applications, Security & Privacy Issues	March 26, 2021. TEQIP-III Sponsored FDP on Modern Cryptography, Blockchain & IoT Security : Challenges, Solutions & Future Prospects, University Institute of Technology at Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal
16	Prof. M. A. Zaveri	Introduction to Machine Learning	during Online webinar for faculty members on Introduction To Machine Learning organized by Department of Computer Science and Engineering, Mandsaur University, Mandsaur, Madhya Pradesh on 6 July 2020
17	Prof. M. A. Zaveri	Introduction to Machine	during Five Day Online Faculty

Computer Engineering Department			
No.	Name of Faculty	Title of Lecture	Place & Date
		Learning	Development Program On Emerging Trends in the Application of Machine Learning (20 - 24 July, 2020) organized by Department of IT, GMR Institute of Technology, Rajam, Andhra Pradesh on 20 July 2020
18	Prof. M. A. Zaveri	Machine Learning	During One Week Online FDP on Recent Advances in Electronics & Communication Engineering (20-25 July 2020) organized by Santhiram Engineering College, Nandyal, Andhra Pradesh on 23 July 2020
19	Prof. M. A. Zaveri	Introduction to AI & ML	During FDP on Artificial Intelligence (1-5 October, 2020) sponsored by AICTE Training And Learning (ATAL) Academy organized by Department of Computer Science and Engineering, Motilal Nehru National Institute of Technology, Allahabad, Prayagraj, U.P. on 1 October 2020
20	Prof. M. A. Zaveri	Neural Networks and its Applications	During FDP on Artificial Intelligence (1-5 October, 2020) sponsored by AICTE Training And Learning (ATAL) Academy organized by Department Of Computer Science and Engineering, Motilal Nehru National Institute of Technology, Allahabad, Prayagraj, U.P. on 2 October 2020
21	Prof. M. A. Zaveri	Signal / Bayesian Estimation using AI: Artificial Intelligence and Bayesian Network	During STTP on Artificial Intelligence for Signal Processing Applications (22-26 December, 2020) sponsored by Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat and IEEE Signal Processing Society, Gujarat Chapter organized by E & C Department, Sarvajanik College of Engineering and Technology, Surat on 22 December 2020
22	Prof. M. A. Zaveri	Artificial Intelligence and Machine Learning	During AICTE sponsored FDP on Artificial Intelligence Techniques with Machine Learning and Deep Learning for Engineering Applications (22-26 February, 2021) organized by Department of Electrical Engineering, Government Engineering College, Bhuj, Gujarat on 22 February 2021
23	Prof. M. A. Zaveri	Introduction to Machine	During AICTE-ISTE sponsored

Computer Engineering Department			
No.	Name of Faculty	Title of Lecture	Place & Date
		Learning	Induction/Refresher OneWeek FDP Phase-II Program on Machine Learning for all (5 - 10 April, 2021) organized by Department of ECE & CRI, K.S.R.M. college of Engineering, Kadapa, Andhra Pradesh on 5 April 2021
24	Prof. M. A. Zaveri	Applications of Neural Network and Genetic Algorithms	During GUJCOST sponsored OneWeek Online STTP on "Artificial Intelligence: Techniques and Applications" (05 - 09 April, 2021) organized by Computer Engineering Department, Sardar Vallabhbhai Patel Institute of Technology Vasad , Gujarat on 8 April 2021
25	Dr. Dipti Rana	Association Rule Mining	School of Information Technology, Artificial Intelligence & Cyber Security, Rashtriya Raksha University, Gandhi Nagar, Gujarat (Through CISCO WebEx) (Dt: 24-12-2022)
26	Dr. Dipti Rana	Pointers in C	G. H. Raisoni Academy of Engineering and Technology, Nagpur, (Through CISCO WebEx) (Dt: 14-08-2020)
27	Dr. UdaiPratap Rao	Mathematics of Cryptography	TEQIP-III Sponsored One Week Online Faculty Development Program on Modern Cryptography, Block chain & IoT Security: Challenges, Solution & Future Prospects- "MCB-IoTs-2021" during 22-26 March 2021 at Department of CSE, UIT-RGPV, Bhopal (on 26 march 2021)
28	Dr. UdaiPratap Rao	Mathematical Background on Cryptography	Six days AICTE sponsored STTP on CyberSecurity and Forensics from 21st to 26th Dec 2020 at Sri Aurobindo Institute of Technology, Indore. (on 23rd Dec 2020)
29	Dr. UdaiPratap Rao	Privacy Preserving Methods for Location-based Services	GUJCOST sponsored online STTP on Cyber Security and Blockchain Technologies during 14th to 19th Dec 2020 at VVP Engineering College, Rajkot, Gujarat. (on 16th Dec 2020)
30	Dr. UdaiPratap Rao	Data Privacy Anonymization Techniques	AICTE sponsored STTP on Cyber Security - Current Trends and Future Perspective during 14-19 Dec 2020, at Guru Nanak Dev Engineering College, Ludhiana (on 15th Dec 2020)
31	Dr. UdaiPratap Rao	Privacy Issues in LBS	AICTE sponsored STTP on Cyber Security - Current Trends and Future Perspective during 9-14 Nov

Computer Engineering Department			
No.	Name of Faculty	Title of Lecture	Place & Date
			2020, at Guru Nanak Dev Engineering College, Ludhiana (on 12th Nov 2020)
32	Dr. UdaiPratap Rao	Introduction to Cyber Security	ATAL 5 days online FDP on "Cyber Security" 24/08/2020 to 28/08/2020 Oriental institute of science and technology Bhopal (on 24th August 2020)
33	Dr. UdaiPratap Rao	Common Security Attacks and Countermeasures & Privacy in Location-based Services	AICTE Sponsored Online Short Term Training program from 24th to 29th August 2020 at Sri Aurobindo Institute of Technology, Indore. (on 24th and 25th August 2020)
34	Dr. UdaiPratap Rao	Big data analytics: concepts and methods	RTU TEQIP-III sponsored Faculty Development Programme on "Data Analytic Techniques for Research & Their Advancements" 17/08/2020 to 19/08/2020 (on 19th August 2020)
35	Dr. B. N. Gohil	Security awareness in emerging technologies of IT	ISTE Students' Chapter GJ05 and LEC Morbi 26/06/2021
36	Dr. B. N. Gohil	Understanding the paper review process	RNGPIT, Bardoli 03/05/2021
37	Dr. B. N. Gohil	Malware	DEPSTAR, Charusat University, Changa, 04/03/2021
38	Dr. B. N. Gohil	Cloud Computing	G.H. Rasoni college of engineering and management, Pune. 12/02/2021
39	Dr. B. N. Gohil	Importance of Threads and Memory management in OS	SITAICS, Rashtriya Raksha University. 22/12/2020
40	Dr. B. N. Gohil	Role of Virtualization in Distributed Computing	SITAICS, Rashtriya Raksha University. 21/12/2020
41	Dr. B. N. Gohil	Basics of Cloud Computing using AWS	SPCE, Anand 02/11/ 2020
42	Dr. B. N. Gohil	Compiler design phases - ICG and CO	G.H. Rasoni Institute of Engineering and Technology, Nagpur 19/08/2020
43	Dr. B. N. Gohil	Malicious Software	ADIT, V.V.Nagar, 22/07/2020
44	Dr. B. N. Gohil	Cloud Computing	SVNIT, Surat, 29/06/2020
45	Dr. B. N. Gohil	Cloud Computing using AWS	BMU, Surat, 08/06/2020
46	Dr. Balu L. Parne	Authentication and key agreement protocol in 4G/IoT enable communication networks.	Department of Computer Science & Engineering and Department of Electronics & Communication Engineering of Sri Aurobindo Institute of Technology Indore. &29/08/ 2020
47	Dr. Balu L. Parne	Introduction to Cryptography and Network Security	Department of Information Technology, Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur.&11/ 10/ 2020
48	Dr .Keyur Parmar	The Double Spend Problem -	SVNIT, Surat 7-Dec-2020

Computer Engineering Department			
No.	Name of Faculty	Title of Lecture	Place & Date
		TEQIP-III sponsored One Week Online STTP on Blockchain Technology and Its Applications in Internet of Things [BTIoT 2020].	
49	Dr .Keyur Parmar	The Double Spend Problem - GUJCOST Sponsored Online STTP on Cyber Security and Blockchain Technologies	V. V. P. Engg College, Rajkot, Gujarat (Online) 17-Dec-2020
50	Dr .Keyur Parmar	The Double Spend Problem – One week Faculty Development Program (FDP) on “Blockchain: A Disruptive Technology”, AICTE Training and Learning (ATAL) Academy.	Pandit Deendayal Energy University (PDEU), Gandhinagar 4-July-2021

Department of Electrical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
1	Dr. S.N. Sharma	Control: a partial historic account and some discussions	Feb. 28, 2021 EED, SVNIT
		Control: a perspective	Sept. 23, 2020 EED, SVNIT
		Control: insights into some results with their immediate application	Oct. 28, 2020 EED, NIT Kurukstera
		Control: past, present and future directions	Oct. 29, 2020 E&ECED Vardhaman College of Engg., Shamshabad, Hyderabad.
		Advanced control systems	Oct. 6, 2020 E&ECED, NIE, Mysore
	Dr. R. Chudamani	Maximum Torque Per Ampere (MTPA) control of Interior Permanent Magnet Machine	19/12/2020 SCET, Surat
	Dr. A.K. Panchal	Basics of Solar Technology	03/07/2020 CGPIT, Uka Tarsadia University, Bardoli
		Solar Technology	03/08/2020 SVNIT Surat
		Fundamentals of Solar Cell Technology	18/09/2020 SVNIT Surat
		Solar Photovoltaics	SSBT College of Engg. & Tech., Jalgaon, Maharashtra.
		Silicon Solar Photovoltaics & Applications	27/01/2021 MGM Polytechnic, Aurangabad
		Silicon Nanostructures for Third Generation Photovoltaics	08/02/2021 Government Engg. College, Patan
		Role of Silicon Towards High Efficiency Third Generation Photovoltaics	25/06/2021 SKN Sinhgad College of Engg, Pandharpur,
	Dr. Prasantha Kundu	Online Condition Monitoring of Transformer	18/09/2020 KKWIEER, Nashik
		Condition Monitoring of Transformer	25/11/2020 SSAIT, Surat
		Partial Discharge Monitoring	10/03/2021 SVNIT, Surat
	Dr. S.R. Arya	DVR and its Control in Distributed	21/06/2021

Department of Electrical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Energy system modeling and Control; ATAL STTP (online)	GEC Bharuch
		Power Quality and control of UPQC, AICTE ATAL sponsored FDP on Smart Grid- Key to sustainable future	12/05/2021 Dr.S.& S.S. Ghandhy Government Engg. College, Surat
		DSTATCOM and its Application in Wind Based DG System	08/09/2021
		Power Quality & Distributed Power Generation System	05/02/2021 VSSUT, Burla, Sambhalpur
		Dynamic Voltage restorer to mitigate voltage- based power quality problems	--
	Dr. M.A. Mulla	Condition Monitoring of Transformer	25 th November, 2020 SSAIT, Surat
		Partial Discharge Monitoring	10 th March, 2021 SVNIT, Surat
		Renewable Source Integration using ARM Cortex M4 Microcontroller	27/02/2021 B K Birla Institute of Engg. & Tech., Pilani
		ARM Cortex Microcontroller for Renewable Energy Source Integration	18/02/2021-19/02/2021 Sagar Institute of Science and Technology (SISTec), Bhopal
		Development of FOC of Permanent Magnet Synchronous Motor	06/02/2021 Rajasthan Technical University, Kota
		Design and Development of PV-STATCOM	08/01/2021 Rajasthan Technical University, Kota & Aryabhatta College of Engineering & Research Centre, Ajmer
		Design & Development of VSC-based FACT Controller	17/12/2020 SSBT's College of Engineering and Technology, Jalgaon, Maharashtra
		Laboratory Experimentation of VSC-based FACTS Controller	16/12/2020 Sarvajanik College of Engg. & Tech. (SCET), Surat
		Field Oriented Control of Permanent Magnet Synchronous Motor (PMSM)	27/11/2020 SSBT's College of Engg. & Tech. Jalgaon, Maharashtra
		Development of Grid Interactive Solar Water Pump	27/10/2020 SSBT's College of Engg. & Tech. Jalgaon, Maharashtra
		PV Inverter Integration in Micro-Grid using ARM Cortex-M4 Microcontroller	23/10/2020 National Institute of Technology Delhi
		Experiment based Learning of Renewable Energy Systems	12/10/2020 National Infotech, Surat
		Control of Electronically Commuted DC Motor	06/10/2020 SVNIT, Surat
		Drives in Pumping Systems	06/10/2020 EED, SVNIT, Surat
		Digital Control of Electrical Drives	03/10/220 EED, SVNIT, Surat
		VSC based FACTS Controller - A Project based Learning Approach	25/09/2020 National Infotech, Surat

Department of Electrical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Developing Close Loop Control of DC-DC Converter	21/09/2020 Instrumentation & Control Department, Sarvajani College of Engg. & Technology (SCET), Surat
		C Language Concepts for Embedded C Programming	20/07/2020 Department of Electrical Engineering, Ujjain Engineering College, Ujjain under TEQIP III twinning activity with Government College of Engineering, Aurangabad
		Solar Water Pumping System	29/05/2020 Anand Engineering College, Agra
		Recent Advancement in Solar Water Pumping System	01/05/2020 Electrical Department, SSBT's College of Engg. & Tech., Jalgaon
	Dr.Vasundhara.Mahajan	Reliability and energy market	09/03/2020 SVNIT
		Fuzzy logic implementation using MATLAB,	07/07/2020 UkaTarsadiya
		Fuzzy logic application in MATLAB	15/09/2020 GEC Surat
		Fuzzy logic controller application in power systems	12/12/2020 GEC Raipur
		Fuzzy logic controller application in power systems, Webinar	25/08/2020 GEC Raipur
		Fuzzy logic for power quality improvement, FDP	18/07/2020 Gautam Buddha University
	Dr. H.G. Patel	Control of Flow Under the Influence Of Varying Temperature in Air Blower System Using PLC	27/09/2020 SVNIT Surat(online)
		Industrial automation	09/02/2021 GTU-Vishwakarma Yojana
		Industrial Automation	24/02/2021 SVNIT Surat(online)
		Control of flow in Air Blower System Using PLC and SCADA (Demonstration with an Industrial perception)	13/05/2021 College of Engg., Guindy Anna university, Chennai-600025.
	Dr. Rakesh Maurya	Electric Vehicles- A state of Art	10/06/2020 EED, NIT, Mysore
		Electric Vehicle- Types & Specification of motors	18/06/2021 Tula's Institute, Dehradun
		Power Converters for Integration of Renewable Sources to Microgrid	21/08/2020 Institution of Engineers India, Bahrain Chapter (IEI-BC)
		Fast Battery Chargers for Electric Vehicles	28/12/2020 MANIT Bhopal
		Integrated Converter for EVs battery Charging	28/11/2020 EED, Inst. Of Engr. & Tech. Lucknow (Uttar Pradesh)
		Control of Multiphase Induction Motor Drive	3/11/2020 EED, SVNIT, Surat
	Dr. A. Mahesh	Meta-heuristics and its application to Power Electronics	05/08/2020 SVNIT, Surat
		Optimal sizing and Energy Management in Hybrid Renewable Energy Systems	04/09/2020 K. K. Wagh Institute of Engg. Education & Research

Department of Electrical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Optimal sizing of PV/Wind/Battery hybrid renewable energy systems	19/12/2020 Sridevi Women's Engg. College, Hyderabad
		Meta-heuristics and its application to Power Electronics	01/03/2021 MANIT Bhopal
		Solar Photovoltaic systems: Planning and Opportunities	03/09/2020 Poornima Institute of Engg. & Tech. (RTU).
		Meta-heuristic optimization and it's applications in Elect. Engg/	06/01/2021 Engg. College Jhalawar, Rajasthan
		Evolutionary algorithms & their applications in power electronics and renewable energy	26/11/2020 Vasireddy Venkatadri Inst. of Tech., Vijayawada
		Optimization and its applications to power electronics	29/09/2020 MMMUT Gorakhpur
	Dr. R. Radhakrishnan	State Estimation for Target Tracking Applications	17/10/2020 IIIT Bhagalpur
		State Estimation with Applications to Target Tracking	27/11/2020 Albertian Institute of Science and Technology, Kochi
	Dr. Sukanta Halder	Smart Power Electronics for EVs	22/09/2020 National Productivity Council NPC (AIP), Chennai - PDPU, Gandhinagar.
		Hardware and Software Interfacing using Different Platforms	10/02/2021 NIT Andhra Pradesh
	Dr Akanksha Shukla	Planning of EV Fast Charging Infrastructure	29/05/2021 Rajasthan Institute of Engg. & Tech., Jaipur
	Prof. Varsha A Shah	Electrical Vehicle and Energy Storage Technology	07/06/2021 EED, SVNIT, Surat.
		Carbon footprint and its applications on smart grid	14/0/2021 IIIT, Bhagalpur
		Energy Management for Hybrid Electric Vehicles	06/04/2021 Lakshmi Narain College of Technology Bhopal
		Application of Digital Signal Controller in Electrical Vehicles	27/0/2021 Marwadi University, RajKot-India
		Design and Control of Battery-supercapacitor Hybrid Power Source for EV	24/06/2020 Rashtreeya Vidyalaya College of Engineering (RVCE) Bangalore
		Energy Storage System In EV	27/02/2021 Marwadi University, RajKot-India
		Application of Digital Signal Controller in Electrical Vehicles	18/02/2021 Sarvajanik College of Engg. & Tech.
		Electrical Vehicle Technology and Research Opportunities	08/02/2021 SVNIT, Surat.
		Energy Management Algorithm for Battery Super Capacitor Hybrid Source Using Fuzzy Logic	20/01/2021 Bhilai Institute of Technology, Durg, C.G
		Impacts of Electrical Vehicle Charging on Electric Power Distribution System	02/09/2020 Swami Keshvanand Institute of Technology,
	Dr.G. Sushnigdha	Introduction to Optimal Control theory	25/08/2020 EED, SVNIT, Surat
		Design of State Feedback Controllers using MATLAB	24/09/2020 EED, SVNIT, Surat

Department of Electrical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		Numerical Optimization Techniques	27/09/2020 EED, SVNIT, Surat
		Introduction to Trajectory Optimization	25/02/2020 EED, SVNIT, Surat
		Introduction to Optimal Control theory	30/04/2021 EED, Annamacharya Inst. Of Tech. & Sci. Andhra Pradesh

Department of Electronics Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
1	Deepak Joshi	Advanced CMOS VLSI Design	Govt. Engg. College Bikaner. 14,18,19 Aug. 2020
2	Deepak Joshi	Industrial Aspects of Modern Education	Bhartiya Institute of Engineering and Technology, Sikar, Rajasthan. 2 Nov., 2020
3	Shweta Shah	Effect of Interference and Jamming in GNSS	NIT Mizoram. 21 dec. 2020
4	shweta shah	Wireless Body Area Network	Department of PhysicsThe University of BurdwanBurdwan. 05 Nov. 2020
5	Kirti Inamdar	Trends in Antenna Design	St. Xavier's Technical Institute, Mahim, Mumbai. 8 Dec. 2020
6	Kamal Captain	Spectrum Sensing for Cognitive Radio	Webinar Series by Silver Oak University, Ahmedabad. 1 oct. 2020
7	Upena Dalal	Emerging Technologies for Effective Management of the Pandemic	IETE foundation day Talk, IETE Surat Subcenter. 2 Nov.2020
8	Upena Dalal	AI and Machine Learning in Wireless communication	Invited talk under the webinar series, SVKM, NMIMS, Shirpur. 31 oct. 2020
9	Suman Deb	Filter Design	FDP on Digital Design and Emerging Trends in Signal Processing, Govt. Engg. College Bikaner. 12-14 Aug. 2020
10	Kishor Upla	Face Super-resolution	Research Exchange program, IPPR Research Area - Centre for Telecommunications and Multimedia, Porto, Portugal. 4 oct. 2020
11	Kishor Upla	Unsupervised Super-resolution	Research Exchange program, Smart Living & Biometric Technologies, Fraunhofer Institute for Computer Graphics Research IGD, Germany. 22 oct. 2020
12	Abhishek Acharya	MOS Device Physics	2 Week FDP on Digital Design and Emerging Trends in Signal Processing, TEQIP 3, GEC Bikaner. 11-13, 20 Aug. 2020
13	Abhishek Acharya	State of Art LEDs for Communication	2 Week FDP on Communication and Networking, TEQIP 3, UCET, Bikaner Technical University. 8,14 Sept. 2020
14	Abhishek Acharya	LTSPICE for Analog and Digital Design	A hands on Approach for Design and implementation of Digital circuits using open source Computer Aided Design (CAD) tools. AICTE, SRM Vallimmai Engineering College Chennai. 19,23 Oct. 2020 and 6 Nov. 2020
15	Abhishek Acharya	"Changing and Evolving Expectations from the Engineering Teachers"	AICTE-ISTE sponsored refresher program on Modern Pedagogy for teaching and research methods. 4 Nov., 2020

Department of Electronics Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
16	Rasika Dhavse	Hybrid SETMOS circuits	TEQIP III sponsored STTP on Emerging Trends in VLSI Design. 16 sept. 2020
17	Dr Piyush patel	WDM Components and Systems	2 Week FDP on Recent Trends in Communication Networking and computing Paradigms. 7, 18 Sept. 2020
18	Dr Piyush patel	Recent advancements in Optical Sensors	2 Week FDP on Recent Trends in Communication Networking and computing Paradigms. 7, 18 Sept., 2020
19	Dr Piyush patel	Research in RF and Optical Sensors: Case Study	One Week STTP on Recent Trends in Sensors Technology and Automation. 21, 25 Dec., 2020
20	Dr. U.D. Dalal	5G Network Architecture	Conference ICETEST 2020 at GCoE on 7th Feb 2021.
21	Dr. Shweta Shah	Study of Intentional and Unintentional Interference Effect on NavIC	Prospects of NavIC at ISRO Headquarters, Bengaluru during 21-22 April 2021
22	Dr. A. Acharya	Paradigm shift in computing: Device Perspective	Faculty Development program (FDP) from March 8th to 12th, 2021 at Govt. Women Engineering College Ajmer, Rajasthan
23	Dr. A. Acharya	Beyond CMOS Computing	International Conference on Recent Trends on Computational Intelligence & Communication (RTOCIC-2021) at the Rajasthan Technical University, Kota. February 19th to 20th, 2021.
24	Dr. A. Acharya	Basics of VLSI Design: Devices to Systems	Rustamji Institute of Technology (An Institute of BSF) on 5th June 2021
25	Dr. P.N.Patel	Photonics Devices & Sensors was delivered during	AICTE-RGPV TTP on 22nd June-2021 at Prestige Institute of Engineering Management and Research, Indore
26	Dr. D. Joshi	Soft Computing and its application to VLSI Design	Jodhpur Institute of Engineering and Technology on 17th March 2021
27	Dr. V. Garg	Insights into Advanced Concepts in the field of Photovoltaics	Delivered TEQIP-III sponsored Faculty Development program (FDP) on March 10, 2021, at the B.M.S College of Engineering, Bangalore

Department of Mechanical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
1	Dr. R. Venkata Rao	Research Methodology (10 hours)	SVNIT, Surat, 21-25 June 2021
2	Dr. R. Venkata Rao	Pedagogy(Bloom's Taxonomy, Teaching Learning Processes, NBA accreditation) (4 hours)	SVNIT, Surat, 21-25 June 2021
3	Dr. R. Venkata Rao	Various Multiple Attribute Decision Making Methods and Their Applications(12 hours)	SVNIT, Surat, 1-3 September 2020
4	Dr. R. Venkata Rao	Various Advanced Optimization Algorithms and Their Applications(12 hours)	SVNIT, Surat, 3-5 September 2020
5	Dr. R. Venkata Rao	Publishing Research Papers in Reputed International Journals(2 hours)	SVNIT, Surat, 5th September 2020
6	Dr. R. Venkata Rao	TLBO and Jaya algorithms(3 hours)	NIT, Srinagar, 18th August 2020
7	Dr. R. Venkata Rao	Advanced optimization techniques(4 hours)	RGPV, Bhopal, 14th and 15th September 2020
8	Dr. R. Venkata Rao	Awareness about PEOs, POs and COs prescribed by NBA(2 hours)	NIT, Jaipur, 21st October 2020
9	Dr. R. Venkata Rao	Academic ethics(1 hour)	MMUT, Gorakhpur, 9th October 2020
10	Dr. R. Venkata Rao	Jaya and Rao algorithms(2 hours)	MMUT, Gorakhpur, 27th October 2020
11	Dr. R. Venkata Rao	Review of advanced optimization algorithms (2 hours)	SSGEC, Surat 2nd November 2020
12	Dr. R. Venkata Rao	Awareness about NIRF criteria (2 hours)	IIIT, Nagpur, 3rd December 2020
13	Dr. R. Venkata Rao	TLBO, Jaya and Rao algorithms(3 hours)	RVRCOE, Guntur, 9th December 2020
14	Dr. R. Venkata Rao	Advanced MADM methods and	NIT, Jalandhar, 24-28 December 2020

Department of Mechanical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
		optimization techniques(15 hours)	
15	Dr. R. Venkata Rao	Jaya algorithm and Research papers publication, (3 hours)	SVNIT, Surat, 6th and 8th January 2021
16	Dr. R. Venkata Rao	Jaya algorithm and Rao algorithms(3 hours)	NIT, Jamshedpur, 18th January 2021
17	Dr. R. Venkata Rao	Jaya algorithm and its applications(2 hours)	VIT, Chittoor, Andhra Pradesh 20th January 2021
18	Dr. R. Venkata Rao	Importance of publishing and research ethics (2 hours)	SVNIT, Surat, 27th January 2021
19	Dr. R. Venkata Rao	Jaya algorithm and Research papers publication, (3 hours)	SVNIT, Surat, 12th February 2021
20	Dr. R. Venkata Rao	Jaya and Rao algorithms(3 hours)	RGPV, Bhopal, 23rd February 2021
21	Dr. R. Venkata Rao	Jaya algorithm and Research papers publication(3 hours)	IIIT, Kurnool, Andhra Pradesh, 19th April 2021
22	Dr. H. K. Raval	Advances in Incremental Sheet Forming	SVNIT Surat during FDP on Advances in Manufacturing 3.0 (04/01/2021)
23	Dr. K. P. Desai	Orbital Electro Discharge Machining	SVNIT Surat during FDP on Advances in Manufacturing 3.0 (06/01/2021)
24	Dr. K. P. Desai	Application of Industry 4.0 and Electric Vehicle	RGPV, MP during AICTE_RGPV joint Teachers Training Program 22/06/2021)
25	Dr. J. Banerjee	Solution of Navier-Stokes equation for incompressible flows: Pressure-Velocity Coupling	SVNIT Surat, Fundamentals and Modelling of CFD: Part-I, December 21-25, 2020
26	Dr. A A Shaikh	COMPOSITE MATERIALS"	Engineering college , Banswara, 21/12/20
27	Dr. A A Shaikh	"REVERSE ENGINEERING"	SVNIT, (ATAL), 5/1/21
28	Dr. A A Shaikh	"REVERSE ENGINEERING"	TKR College (ATAL), Hyderabad, 7/1/21
29	Dr. A A Shaikh	Role of composite	Parul inst. Vadodara 15/12/2020
30	Dr. Shailendra Kumar	AI Applications in Sheet Metal Forming	SVNIT, 04/01/2021
31	Dr. Shailendra Kumar	Additive Manufacturing: An Overview and Research scope in FDM	SVNIT, 06/01/2021
32	Dr. Shailendra Kumar	Abrasive Water-Jet Machining of Composites	SVNIT, 05/01/2021
33	Dr. Shailendra Kumar	AWJM of Composite Materials	MMU Mullana, Haryana, 12/04/2021
34	Dr. T. N. Desai	Industrial Engineering	Webinar organized by S. N. Patel Institute of Technology & Research Centre, Umrakh, September 15, 2020 (Honorary services).
35	Dr. T. N. Desai	Quality Engineering	Webinar organized by Charotar Institute of Science and Technology, October 5, 2020 (Honorary services).
36	Dr. Jyoti Menghani	Latest developments in coating technology and characterization techniques	10/9/20, TEQIP – III at Dr. B. R Ambedkar NIT Jalandhar
37	Dr. Jyoti Menghani	Advances in Casting	5/1/2021, ATAL AICTEM, SVNIT SURAT
38	Dr. Jyoti Menghani	Surface Engineering	5/2/2021, AICTE GTU Gandhinagar
39	Dr. Ravi Kant	A Pythagorean fuzzy AHP approach and its application to evaluate the enablers of sustainable supply chain innovation	Mechanical Engineering Department, G H Patel College of Engineering & Technology, Vallabh Vidyanagar, Anand, Gujarat, India , May 28, 2021
40	Dr. Ravi Kant	Interpretive Structural Modelling	MED, G H Patel College of Engg. & Tech., Vallabh Vidyanagar, Anand, Gujarat, India April 15, 2021
41	Dr. Ravi Kant	Supply Chain Management	MED, G H Patel College of Engineering & Technology, Vallabh Vidyanagar, Anand, Gujarat, India , March 5, 2021
42	Dr. Ravi Kant	Design for Manufacturing	MED, JSS Academy of Technical Education, Noida, U.P November 23, 2020
43	Dr. Ravi Kant	Lean Six Sigma Implementation	MED, JSS Academy of Technical Education, Noida, U.P , December 07, 2020

Department of Mechanical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
44	Dr. P. V. Bhale	Writing a Good Research Paper	Institute of Technology, Nirma University (Through Google Meet), October 01, 2020
45	Dr. P. V. Bhale	Renewable and Sustainable Energy: prospects and Challenges.	Govt Engg. College Bharuch, 7 April 2021
46	Dr. P. V. Bhale	Let us gear Up for research Projects and Consultancy Assignments	SVNIT, Surat, June 24, 2021 (Under Faculty Induction Programme)
47	Dr. H. K. Dave	3D Printing in Industry 4.0	MNIT Jaipur (28/08/2020)
48	Dr. H. K. Dave	Orbital Electro Discharge Machining	NIT Silchar (08/09/2020)
49	Dr. H. K. Dave	3D Printing in Industry 4.0- Innovation and Startup opportunities	GEC Dahod (26/09/2020)
50	Dr. H. K. Dave	Orbital Tool Actuation in EDM	SLIET, Longowal, Punjab (24/11/2020)
51	Dr. H. K. Dave	Composite 3D Printing	SVNIT Surat (07/01/2021)
52	Dr. H. K. Dave	3D printing for innovation and startups	SVNIT Surat (08/01/2021)
53	Dr. H. K. Dave	3D printing of composites	LBRCE, Mylavaram, Andhra Pradesh (02/02/2021)
54	Dr. H. K. Dave	Application of Design of Experiment in Research	Swarnim Institute of Technology, Gandhinagar (03/03/2021)
55	Dr. H. K. Dave	3D printing of composite products	L. E. College, Morbi (09/04/2021)
56	Dr. H. K. Dave	Role of 3D Printing in Industry 4.0	L. E. College, Morbi (08/07/2021)
57	Dr. Rupesh Shah	Finite Element Analysis	25/12/2020, MED, SVNIT, Surat
58	Dr. Rupesh Shah	CFD Analysis of Upward Swirl Combustor	02/02/2021, A D Patel Institute of Technology, New Vallabh Vidyanagar
59	Dr. A.V.Doshi,	"Experimental investigation of modifications in the flow zone as well as non-flow zone on the performance of Pump as Turbine"	CKPCET, Surat, March 1 to 5, 2021
60	Dr. Vimal Patel	Theoretical and Experimental Investigations on The Savonius Hydrokinetic Turbines for Small Scale power generation	Parul University, Vadodara
61	Dr. Vimal Patel	Investigations on Hydro Kinetic Turbines	SVNIT, Surat
62	Dr. Vimal Patel	Latest Trends in Darrieus Hydrokinetic Turbine	CKPET, Surat
63	Dr. Vimal Patel	Investigations on Savonius Hydrokinetic turbine	CKPET, Surat
64	Dr. Vimal Patel	Investigations on Tailor Welded Blanks	Tapi Diploma Engineering College, Surat
65	Dr. Pawan Sharma	4D Printing	Smt. Kashibai Navale College of Engineering, Pune - 411 041 22/02/2021 to 05/03/2021
66	Dr. Pawan Sharma	Powder based 3D printing system	Department of Metallurgy & Materials Science, College of Engineering, Pune, March 27th, 2021
67	Dr. Vipul M. Patel	Numerical Modelling of Heat Transfer in Porous media"	IITRAM, Ahmendabad, 15-20 March 2021
68	Dr. Vipul M. Patel	Discretization Techniques	NIT Srinagar, August 17- 22, 2020
69	Dr. Vipul M. Patel	Discretization Technique: Finite Difference Method	SVNIT Surat, December 21-25, 2020
70	Dr. Y Naresh	Thermal Management: An overview, challenges and heat pipe application"	03/11/2020 & SVNIT Surat
71	Dr. Y Naresh	Thermal Management Overview and Thermosyphon application in Electronic cooling	15/12/2020 & IIIT RK Valley, AP
72	Dr. Y Naresh	Fundamental of Heat Transfer and Applications	24/04/2021 & Narasaraopet Engineering College, Guntur, AP
73	Dr. Amit Kumar	Solar energy and its application	G. H. Rasoni College of Engineering, Nagpur, 27/08/2020
74	Dr. Amit Kumar	Fundamentals of solar energy	Shree Guru Gobind Singh Tricentenary University, Gurugram 10/11/2020
75	Dr. Prabhansu	Advanced Biomass Conversion Processes,	Deptt. of Mech. & Automation Eng.,

Department of Mechanical Engineering			
No.	Name of Faculty	Title of Lecture	Place & Date
			Amity University, Jharkhand in between 21-25 June 2021.
76	Dr. Prabhansu	Recent Development in Renewable Energy	Webinar through online mode (Google Meet), on 26 September 2020, held by MED, LNJPIIT, Chapra.
77	Dr. Prabhansu	An Overview of Renewable Energy Technology	webinar through online mode (Google Meet) on 13th September 2020, held by MED, BCE, Bakhtiyarpur
78	Dr. Prabhansu	Hands on Session on Multi-phase Flow	11th September 2020, MED, SVNIT Surat, Gujarat
79	Dr. Prabhansu	Recent Trends in Non-Conventional Sources of Energy	29th August 2020, MED, GEC, Banka.
80	Dr. Amrut S. Mulay	Flexible Incremental Forming and its Applications	22nd February to 5th March, 2021 at SKNCOE, Pune
81	Dr. Amrut S. Mulay	Flexible Incremental Forming and its Applications	29th April, 2021 Dr.D.Y.Patil School of Engineering & Technology, Lohegaon, Pune
82	Dr. Amrut S. Mulay	I have co-ordinated DAAD webinars on 18 th Oct 2020 and 27 th August 2021 for the B.Tech, MTech and PhD students and staff of SVNIT Surat.	SVNIT Surat on virtual mode
83	Dr. B.N. Sahoo	Manufacturing Strategies to Improve Structural Efficiency of Magnesium Alloy	MED, Veer Surendra Sai Uni. of Tech., Burla, Odisha, 768018, (Virtual Mode), 14.09.2020
84	Dr. Nikhil A. Baraiya	Gas Turbine Combustion Diagnostics.	KLS GIT, Belgavi (Online) 29th July 2020.
85	Dr. Nikhil A. Baraiya	Thermo acoustics Instabilities	SVNIT (Online) & 4-12-2020
86	Dr. Rohit Tamrakar	Vibration Condition Monitoring	MANIT, Bhopal (Online)
87	Dr. Pallvita Yadav	Electrochemical Machining and Electrochemical Grinding Processes	G. H. Raisoni Inst. of Engg. & Tech., Nagpur (online), 9 th April 2021
88	Dr. Sumit Khare	Introduction to Composite Laminates	TRUBA Institute of Engg. & Inf. Tech., Bhopal 14/12/2020
89	Dr. Sumit Khare	Vibration Analysis of Composite Laminated Plates	TRUBA Inst. of Engg. and Inf. Tech., Bhopal 12/02/2020
90	Dr. Rohan R. Pande	"Overview of ICEM"	22/12/2020, SVNIT, Surat
91	Dr. Rohan R. Pande	"Blocking and Geometry Creation using ICEM"	22/12/2020, SVNIT, Surat
92	Dr. Rohan R. Pande	"General talk on GATE exam"	12/12/2020, Saint Vincent Pallotti college of Engineering, Nagpur
93	Dr. Rohan R. Pande	"CFD: Fundamentals and its Application"	12/12/2020, Saint Vincent Pallotti College of Engineering, Nagpur
94	Dr. Rohan R. Pande	"General Strategy for preparation of GATE exam"	30/10/2020, PCOE, Nagpur
95	Dr. Rohan R. Pande	"Fundamentals and Applications of CFD in Civil Engineering"	29/10/2020, PCOE, Nagpur
96	Dr. Rohan R. Pande	"Fundamentals and Applications of CFD"	19/10/2020, MITOE, Alandi, Pune
97	Dr. Rohan R. Pande	"Introduction to CFD and geometry creation using ICEM"	07/09/2020, SVNIT, Surat
98	Dr. Rohan R. Pande	"Basics of Thermodynamics"	25/07/2020, G. H. Raisoni College of Engineering, Nagpur
99	R.Srilakshmi	Forward and Inverse Kinematics-Applications in Robot Technology"	IIITDM Kurnool June 14-18, 2021(through on line mode).
100	Dr K A Sorate,	STTP on "Emerging Trends in Thermal Engineering"	College of Engineering Pandharpur (M.S), 15 June 2021

(viii) Expert Lectures organized at SVNIT Surat as Resource Person (other than STTP):

No.	Faculty	Name of Expert and Affiliation	Title of Lecture	Date of Lecture
Chemical Engineering Department				
01	Dr. Jogender Singh, Dr. Enrique Alfonso Lapez Guajardo, Technologco De Monterey, Mexico on Challenges for Chemical Engineers and Process Intensification on 07 th November 2020.			
Civil Engineering Department				
01	Dr. Ganesh D. Kale	Expert lecture by Mr. Rushikesh Kulkarni, Assistant Professor, Civil Engg. Deptt., on topic "Inland Surface Water Quality Assessment Using Remote Sensing" (Online Mode)	2 January 2021	Symbiosis Institute of Technology, Pune.
02	Dr. D. A. Patel	Expert Lecture by Mr. Chandresh Makhija CEO & Managing Partner of Vijay Enterprises, Project Management Consultancy, delivered online expert lecture on "Industry Best Practices Planning, QA-QC & Safety"	21 July, 2021	
03	Dr. C.H. Solanki	Webinar Lecture on Geotechnical Engineering Using Mind map by Indian Geotechnical Society Student Chapter in association with Indian Geotechnical Society Surat Chapter.	25th April, 2021	IGS Surat Chapter in association with SVNIT, Surat.
04	Dr. C.H. Solanki	Webinar Lecture on Geotechnics of Challenging Soils by Indian Geotechnical Society Student Chapter in association with Indian Geotechnical Society Surat Chapter	13th June 2021	IGS Surat Chapter in association with SVNIT, Surat
05	Dr. Satyajit Patel	Field studies on performance of base and sub-base layer of flexible pavement reinforced with various types of geosynthetics,online Workshop on geosynthetics in pavement systems.	19/09/2021	Maccaferri Environmental Solutions Pvt. Ltd. Gurgaon.
06	Dr. Satyajit Patel	Innovative steps for effective utilization of fly ash,Webinar on Ash Utilization – Challenges and Way Forward.	16/10/2020	Ash Management Department, NTPC, Noida.
Department of Chemistry				
01	Kalpana Maheria	Ms. Megha Joshi - Writer and Psychologist (Virtual)	'How can you extend and exchange power to woman community'	19 th September 2020.
02	Kalpana Maheria	Usha Mehta (Virtual)	One day National Webinar on 'Women in engineering'	10 th March 2021
Department of Mechanical Engineering				
01	Dr.Amrut S. Mulay	TEQIP	Modern Materials and Manufacturing	12 Oct. 2020 to 18 Oct.2020

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

Department of Applied Mathematics & Humanities		
No.	Name of Faculty	Name of Journal or Conference
1	Dr. Jayesh M. Dhodiya	VIER Journal Engineering Research
2	Dr. Jayesh M. Dhodiya	International conference on Research and innovation in Science Engineering and Technology
3	Dr. Jayesh M. Dhodiya	National Journal of System and Information Technology
4	Dr. H. P. Bulsara	SAGE OPEN
5	Dr. H. P. Bulsara	RUTLEDGE, Singapore (Book Proposal Review)
6	Dr. H. P. Bulsara	International Journal of Consumer Studies
7	Dr. H. P. Bulsara	International Journal of Financial Services Marketing
8	Dr. H. P. Bulsara	International Journal of Sociotechnology and Knowledge Development (IJSKD)
9	Dr. H. P. Bulsara	Online Case Writing Workshop held on 8-10 Jan 2021, S. R. Luthra Institute of Management (Case Studies)
10	Dr. H. P. Bulsara	SAGE OPEN (As an Article Editor)
11	Dr. H. P. Bulsara	THETD2020 – Transforming Higher Education Through Digitalization: Insight, Tools and Techniques
12	RamakantaMeher	Journal of Ocean Engineering and Science
13	RamakantaMeher	Journal of Porous Media
14	RamakantaMeher	Ain Sham Engineering Journal
15	RamakantaMeher	Journal of Transport in Porous Media
16	RamakantaMeher	Journal of Hydrology
17	RamakantaMeher	International Journal of Thermal Sciences
18	RamakantaMeher	Construction and Building Materials
19	RamakantaMeher	Tribology in Industry
20	Dr. R. K. Jana	IET Generation, Transmission & Distribution
21	Dr. R. K. Jana	Abstract and Applied Analysis
22	Dr. R. K. Jana	International Journal of Research in Environmental Studies
23	Dr. R. K. Jana	Journal of Mathematics
24	Dr. R. K. Jana	Invited as a Reviewer (No. 140844) of Mathematical Reviews/MathSciNet of American Mathematical Society. Written review of the following article: Integral Transforms Spec. Funct. 31 (2020), no. 11, 891-905.
25	Dr. U. Kaushal	International Journal of English and Literature
26	Dr. U. Kaushal	Gap Bodhi Taru – A global Journal of Humanities
27	Dr. Indira P. Tripathi	Annals of Operations Research
28	Dr. Shailesh Kumar Srivastava	The 3rd International Conference on Frontiers in Industrial and Applied Mathematics December 21-22, 2020, NIT Jamshedpur (Jharkhand) India
29	Dr. Shailesh Kumar Srivastava	International Conference on Mathematical Analysis and Applications (MAA 2020) during November 02-04, 2020, NIT Jamshedpur (Jharkhand) India
30	Dr. Shailesh Kumar Srivastava	Mathematica Moravica
31	Dr. Sushil Kumar	ASME Journal of Heat Transfer
32	Dr. Sushil Kumar	Mathematical Methods in the Applied Sciences (Wiley Online Library)

Department of Applied Mathematics & Humanities		
No.	Name of Faculty	Name of Journal or Conference
33	Dr. Sushil Kumar	Mechanics Based Design of Structures and Machines, An International Journal (Taylor & Francis)
34	Dr. Sushil Kumar	Heat and Mass Transfer (Springer)
35	Dr. Sushil Kumar	Waves in Random and Complex Media (Taylor & Francis)
36	Dr. Sushil Kumar	Journal of Thermal Biology (Sciencedirect)
37	Dr. Sushil Kumar	International Journal of Applied and Computational Mathematics (Springer)
38	Dr. Sushil Kumar	Ain Shams Engineering Journal (Sciencedirect)
39	Dr. Sushil Kumar	Heat Transfer (Wiley)
40	Dr. Sushil Kumar	International Journal for Numerical Methods in Biomedical Engineering

Department of Civil Engineering		
No.	Name of Faculty	Name of Journal or Conference
1	Dr. Bhaven Tandel	Reviewer for Noise Control Engineering Journal
2	Dr.B.Kondraivendhan	Guest Editor, Lecture Notes in Civil Engineering, Springer publication
3	Dr.B.Kondraivendhan	Reviewer for Journal of Asian Architecture and Building Engineering
4	Dr.B.Kondraivendhan	Reviewer for Australian Journal Civil Engineering
5	Dr.B.Kondraivendhan	Reviewer for Construction and Building Materials Journal
6	Dr.B.Kondraivendhan	Reviewer for Indian Concrete journal
7	Dr.B.Kondraivendhan	Reviewer for Indian Institution of Engineers (A series)
8	Dr. P. V. Timbadiya	Reviewer for ISH Journal of Hydraulic Engineering
9	Dr. P. V. Timbadiya	Reviewer for Journal of Hydrology
10	Dr. P. V. Timbadiya	Reviewer for International Journal of Civil Engineering
11	Dr. P. V. Timbadiya	Reviewer for Acta Geophysics
12	Dr. P. V. Timbadiya	Reviewer for Advances in Meteorology
13	Dr. P. V. Timbadiya	Reviewer for Current Science
14	Dr. P. V. Timbadiya	Reviewer for Environmental Processes
15	Dr. P. V. Timbadiya	Reviewer for Journal of Hazardous, Toxic and Radioactive Waste
16	Dr. P. V. Timbadiya	Reviewer for Journal of Hydrologic Engineering
17	Dr. P. V. Timbadiya	Reviewer for Journal of Institute of Engineers, India
18	Dr. P. V. Timbadiya	Reviewer for Marine Georesources and Geotechnology
19	Dr. P. V. Timbadiya	Reviewer for Meteorology and Atmospheric Physics
20	Dr. P. V. Timbadiya	Reviewer for Natural Hazards
21	Dr Namrata Jariwala	Reviewer for Environment , Development and Sustainability (Springer)
22	Dr Namrata Jariwala	Reviewer for Asian Journal of Plant and Soil Sciences
23	Dr Namrata Jariwala	Reviewer for Asian Journal of Environment and Ecology
24	Dr Namrata Jariwala	Reviewer for Indian Institution of Engineers (A series)
25	Dr. G. D. Kale	Reviewed research paper of Meteorology and Atmospheric Physics (MAAP) Journal.
26	Dr. Ganesh D. Kale	Reviewed research papers of National Conference on Advanced Modeling and Innovations in Water Resources

Department of Civil Engineering		
No.	Name of Faculty	Name of Journal or Conference
		Engineering (AMIWRE-2020)
27	Dr. D. A. Patel	Reviewed papers for IDoBE International Conference, London, UK
28	Dr. C.H. Solanki	Reviewed papers for Indian Geotechnical Conference 2021, NIT Tiruchirapalli, India
29	Dr. C.H. Solanki	Reviewed papers for 8th Indian Young Geotechnical Engineer Conference (8IYGEC) 2021, IIT Madras, India
30	Dr. Ankesh Kumar	Reviewer for Indian Geotechnical Journal
31	Dr. Ankesh Kumar	Reviewer for Geosynthetics International
32	Dr. Ankesh Kumar	Reviewer for Geomechanics and Engineering
33	Dr. Ankesh Kumar	Reviewer for SN Applied Sciences
34	Dr. Ankesh Kumar	Reviewer for Scientific Reports – Nature
35	Dr. Ankesh Kumar	Reviewer for Shock and Vibration
36	Tamizharasi G.	Member of National Advisory Committee and Reviewer of two papers for the conference International Conference on Advancements and Recent Trends in Civil Engineering (ICART-2021), Organized by the Department of Civil Engineering, Mangalam College of Engineering, Ettumanoor, 27-28 May 2021
37	Tamizharasi G.	Reviewer in the Scopus indexed Lecture Notes in Civil Engineering (LNCE) of Springer Nature for 8 papers received from conference ICSBMC 2021, Organised by Sardar Vallabhbhai National Institute of Technology, Surat, 4-6 February 2020
38	Dr Vishisht Bhaiya	Reviewer for "12th Structural Engineering Convention (SEC-2021)
39	Dr Vishisht Bhaiya	Reviewer and Jury member in ICSBMC-2021
40	Dr Vishisht Bhaiya	Reviewer for Engineering Structures
41	Dr Vishisht Bhaiya	Reviewer for Asian Journal of Civil Engineering
42	Dr. Jitesh T. Chavda	Reviewer and Jury member in ICSBMC-2021
43	Dr. Jitesh T. Chavda	Reviewer of Transportation Geotechnology Infrastructure, Publisher Springer
44	Dr. Jitesh T. Chavda	Reviewer of Geotechnical and Geological Engineering, Publisher Springer
45	Dr. Jitesh T. Chavda	Academic Editor – Journal of Engineering Research and Reports
46	Dr. Jitesh T. Chavda	Reviewed papers for Indian Geotechnical Conference 2021, NIT Tiruchirapalli, India
47	Dr. Jitesh T. Chavda	Reviewed papers for 8th Young Indian Geotechnical Engineering Conference 2021, IIT Madras, India
48	Dr. Jitesh T. Chavda	Reviewed papers for 1st International Symposium on Construction Resources for Environmentally Sustainable Technologies (CREST 2020), Japan
49	Dr. J.N. Patel	Reviewed 09 research papers at different SCI / SCOPUS / WoS journals
50	Dr. J.N. Patel	Acting as Member of Editorial Board of ISH journal of Hydraulic Engineering, Taylor and Francis
51	Dr.Chetan Patel	Reviewer for Current Science
52	Dr.Chetan Patel	Reviewer for Sustainable Cities and Society

Department of Civil Engineering		
No.	Name of Faculty	Name of Journal or Conference
53	Dr.Chetan Patel	MEMBER of National Advisory Committee and Reviewer of two papers for the conference International Conference on Advancements and Recent Trends in Civil Engineering (ICART-2021), Organized by the Department of Civil Engineering, Mangalam College of Engineering, Ettumanoor, 27-28 May 2021
54	Dr. AJSHAH	BIS Member of CED57 CYCLONE Resisting structure design
55	Dr.S.J.Shukla	Reviewer of international journal of GEOMATE
56	Dr. Satyajit Patel	Reviewer for research paper in Journal of Traffic and Transportation Engineering, Elsevier
57	Dr. Satyajit Patel	Reviewer for research paper in Geomechanics and Geoengineering: An International Journal, Taylor & Francis
58	Dr. Satyajit Patel	Reviewer for research paper in International Journal of Pavement Engineering, Taylor & Francis
59	Dr. Mansoor Ahammed	Reviewed for Water Research
60	Dr. Mansoor Ahammed	Reviewed for Chemosphere
61	Dr. Mansoor Ahammed	Reviewed for Waste management
62	Dr. Mansoor Ahammed	Reviewed for Science of the total environment
63	Dr. Mansoor Ahammed	Reviewed for Journal of Hazardous Materials
64	Dr. Mansoor Ahammed	Reviewed for Environmental Research
65	Dr. Mansoor Ahammed	Reviewed for Journal of Industrial and Engineering Chemistry
66	Dr. Mansoor Ahammed	Reviewed for Engineering reports
67	Dr. Mansoor Ahammed	Reviewed for Journal of Environmental Chemical engineering
68	Dr. Mansoor Ahammed	Journal of cleaner production
69	Dr. Mansoor Ahammed	Journal of environmental management
70	Dr. Mansoor Ahammed	Environmental technology
71	Dr. Mansoor Ahammed	Bioresource technology report
72	Dr. Mansoor Ahammed	H2O open
73	Dr. Mansoor Ahammed	Environmental engineering research
74	Dr. Mansoor Ahammed	Environmental engineering science
75	Dr. Mansoor Ahammed	Frontiers in Environmental Sciences
76	Dr. Mansoor Ahammed	Environment development and sustainability
77	Dr. Mansoor Ahammed	Environmental Monitoring and Assessment
78	Dr. Mansoor Ahammed	Environmental Technology and Innovations
79	Dr. Mansoor Ahammed	Journal of water supply research and technology, aqua
80	Dr. Mansoor Ahammed	Water supply
81	Dr. Mansoor Ahammed	Water science and technology
82	Dr. Mansoor Ahammed	Journal of water process engineering
83	Dr. Mansoor Ahammed	Korean journal of chemical engineering
84	Dr. Mansoor Ahammed	Springer nature applied science
85	Dr. Mansoor Ahammed	Desalination and water treatment
86	Dr. Mansoor Ahammed	Journal of water reuse and desalination
87	Dr. Mansoor Ahammed	Journal of water process engineering

Department of Civil Engineering		
No.	Name of Faculty	Name of Journal or Conference
88	Dr. Mansoor Ahammed	Environmental Quality and Management
89	Dr. Mansoor Ahammed	Heliyon
90	Dr. Mansoor Ahammed	Separation science and Technology
91	Dr. Mansoor Ahammed	Applied water science
92	Dr. Mansoor Ahammed	Construction and Building Materials
93	Dr. Mansoor Ahammed	Sustainable environmental technologies and assessment
94	Dr. Mansoor Ahammed	Urban water journal
95	Dr. Mansoor Ahammed	Environmental science and pollution research
96	Dr. Mansoor Ahammed	Frontiers chemistry
97	Dr. Mansoor Ahammed	Water and environment journal
98	Dr. Mansoor Ahammed	International journal of sustainable engineering
99	Dr. Mansoor Ahammed	International journal of environmental science and engineering
100	Dr. Mansoor Ahammed	International Journal of Environmental and Analytical Chemistry
101	Dr. Mansoor Ahammed	Water Environment Research
102	Dr. Mansoor Ahammed	Water Management, ICE
103	Dr. Mansoor Ahammed	Materials today chemistry
104	Dr. Mansoor Ahammed	Clean soil air water
105	Dr. Mansoor Ahammed	Industrial crops
106	Dr. Mansoor Ahammed	Environmental processes
107	Dr. Mansoor Ahammed	International journal of photoremediation
108	Dr. Mansoor Ahammed	Journal of leather science and engineering
109	Dr. Mansoor Ahammed	Water practice and technology

Department of Computer Engineering		
No.	Name of Faculty	Name of Journal or Conference
1	Prof. D C Jinwala	Program Committee (PC) of ICSCCC-2021, the 2nd second international conference on secure cyber computing and communications. The conference will be held on May 21-23, 2021, NIT Jalandhar.
2	Prof. Mukesh A. Zaveri	Journal - Pattern Recognition Letters Elsevier Publication
3	Prof. Mukesh A. Zaveri	International Conference on Electronics, Computing and Communication Technologies, CONNECT 2021 International Conference being organized by IEEE Bangalore Section during 9-11 July 2021, Bangalore, India
4	Dr. Rupa G. Mehta	International Conference on Computational Intelligence and Innovative Systems (ICCIIS)-2021 Conference, Kolkata
5	Dr. Dipti Rana	International Conference on Sustainable Computing and Intelligent Systems, JK Lakshmipat University, Jaipur, India
6	Dr. Dipti Rana	Emerald Data Technologies & Applications
7	Dr. Dipti Rana	IEEE Journal of Biomedical and Health Informatics
8	Dr. UdaiPratap Rao	Wireless Communications and Mobile Computing
9	Dr. UdaiPratap Rao	IEEE Access
10	Dr. UdaiPratap Rao	Security and Communication Networks
11	Dr. UdaiPratap Rao	IEEE Transactions on Vehicular Technology

Department of Computer Engineering		
No.	Name of Faculty	Name of Journal or Conference
12	Dr. UdaiPratap Rao	IEEE Sensors Journal
13	Dr. UdaiPratap Rao	IEEE Transactions on Dependable and Secure Computing
14	Dr. UdaiPratap Rao	Multimedia Tools and Applications
15	Dr. UdaiPratap Rao	Transactions on Services Computing
16	Dr. UdaiPratap Rao	International Journal of Communication Systems
17	Dr. UdaiPratap Rao	Concurrency and Computation: Practice and Experience
18	Dr. UdaiPratap Rao	Journal of Ambient Intelligence and Humanized Computing
19	Dr. B. N. Gohil	Concurrency and Computation: Practice and Experience(Wiley) - 01 (Nov, 2020)
20	Dr. Keyur Parmar	Journal - IEEE Transactions on Dependable and Secure Computing

Department of Chemical Engineering		
No.	Name of Faculty	Name of Journal or Conference
1	Prof. Z.V.P. Murthy	1. Journal of the Taiwan Institute of Chemical Engineers (Elsevier) 2. Iranian Polymer Journal (Springer) 3. ACS Applied Materials & Interfaces 4. Environmental Science and Pollution Research (Springer) 5. Journal of Taibah University for Science (Taylor & Francis) 6. Journal of the Taiwan Institute of Chemical Engineers (Elsevier) 7. Journal of Taibah University for Science (Taylor & Francis) 8. Chemical Engineering (1) De Gruyter 9. Polymer Engineering & Science (1) (Wiley) 10. Colloid and Polymer Science (Springer)-(1) 11. Journal of Environmental Chemical Engineering (Elsevier)-(1) 12. Journal of Polymer Research (Springer)-(1)
2	Dr. Mousumi Chakraborty	1. Environmental Technology 2. Journal of Dispersion science and Technology
3	Dr. Jigisha Parikh	1. ACS Applied Materials & Interfaces 2. Applied Catalysis B – Environmental 3. Chemical Engineering Communications 4. Chemical Papers 5. Chemistry Select 6. Catalysis Science & Technology 7. Diamond & Related Materials 8. Environmental Progress & Sustainable Energy 9. Fuel 10. Industrial Crops & Products 11. Journal of Applied Research on Medicinal and Aromatic Plants 12. Journal of Cleaner Production 13. Food Science & Technology 14. Renewable Energy 15. RSC Advances 16. Sustainable Chemistry and Pharmacy 17. Catalysis Letters 18. Energy & Fuels

Department of Chemical Engineering		
No.	Name of Faculty	Name of Journal or Conference
		19. Petroleum Science and Technology 20. Sustainable Energy & Fuels 21. Water-Energy Nexus
4	Dr. C. M. Patel	1. Powder Technology 2. Advanced powder technology
5	Dr. Meghal Desai	1. Industrial Crops and Products 2. Biomass Conversion and Biorefinery 3. Journal of Dispersion Science and Technology 4. Book Chapter Reviewer, Studies in Natural Products Chemistry - Bioactive Natural Products
6	Dr. Alka Mungray	1. Science of the Total Environment 2. Chemosphere 3. Sustainable Energy Technologies and Assessments
7	Dr. A. K. Mungray	1. Water-Energy Nexus (Elsevier) 2. Process Biochemistry (Elsevier) 3. International Journal of Energy Research (Wiley) 4. Current Opinion in Electrochemistry (Elsevier) 5. International Journal of Chemical Reactor Engineering (Wiley)
8	Dr. S. R. Patel	1. Silicon (Springer International Publishing) 2. Progress in Nuclear Energy
9	Dr. Smita Gupta	1. Energy & Fuels 2. Colloids and Surfaces A: Physicochemical and Engineering Aspects
10	Dr. G. C. Jadeja	1. Phytochemical Analysis (John Wiley & Sons)
11	Dr. Jogender Singh	1. Chemical Engineering Science (Elsevier) 2. Industrial & Engineering Chemistry Research (ACS)
12	Dr. Sarita Kalla	Journal of Environmental Chemical Engineering (Elsevier) Journal of Applied Polymer Science (Wiley Publisher)
13	Dr. Vineet Rathor	1. Journal of Environmental Management (Elsevier Publication) 2. Journal of Environmental Chemical Engineering (Elsevier Publication) 3. <i>Journal of Cleaner Production</i> (Elsevier Publication) 4. <i>Materials Today: Proceedings</i> (Elsevier Publication)

Department of Chemistry		
No.	Name of Faculty	Name of Journal or Conference
1	Smita Jauhari	Journal of Molecular liquids Chemistry Select
2	Bharat Dholakiya	Biomass and Bioenergy International Journal of Biochemistry Research & Review Chemical Science International Journal Combustion Science and Technology Journal of Cleaner Production Drug Development Research
3	Suresh Kumar Kailasa	Biosensors and Bioelectronics Analyst Colloids and Surfaces A New Journal of Chemistry

Department of Chemistry		
No.	Name of Faculty	Name of Journal or Conference
		Analytical Methods
		Journal of Materials Chemistry B
		ACS Applied Nano Materials
		Journal of Molecular Liquids
4	Suban K. Sahoo	Langmuir
		Materials Today Communication
		IOP Nanotechnology
		Process Biochemistry
		Journal of Molecular Liquids
		Dyes and Pigments
		Journal of Fluorescence
		New J Chemistry
		ChemistrySelect
		Analyst
		Inorganica Chimica Acta
		Microchemical Journal
		Photochemical & Photobiological Sciences
		Supramolecular chemistry
		Inorganic Chemistry Communications
		Analytical Chemistry
		Journal of Luminescence
		J. Photochemistry and Photobiology A: Chemistry
		J. of Inorg. and Organometallic Polymers and Mat.
		Analytical Sciences
		Analytical and Bioanalytical Chemistry
		International Journal of Mass Spectrometry
		ACS Applied Bio Materials
		ACS Applied Materials & Interfaces
		ACS Sustainable Chemistry & Engineering
		Environmental Science & Technology,
		RSC Advances
		International Journal of Environmental Analytical Chemistry
		Applied Organometallic Chemistry
		Spectrochimica Acta Part A
		Sensors & Actuators: B. Chemical, Biosensors and Bioelectronics
		Materials Chemistry and Physics
		Analytical Biochemistry
		Journal of Hazardous Materials
		Materials Chemistry Frontiers
		Indian J Chem A
5	Naved I Malek	Colloids and Surfaces A
		New Journal of Chemistry
		RSC Advances
		ACS Applied Bio Materials

Department of Chemistry		
No.	Name of Faculty	Name of Journal or Conference
		ACS Applied Materials & Interfaces
		Journal of Molecular Liquids
		Langmuir
		Journal of Chemical Engineering Data
		Frontiers in Chemistry
		Chemistry Select
		Journal of Chemical Thermodynamics
		Journal of Dispersion Science and Technology
		Brazilian Journal of Chemistry
		Arabian Journal of Chemistry
		Particulate Matter
		Fuels
		Heliyon
6	Premlata Kumari	Arabian Journal of Chemistry
		Indian Journal of Chemistry -Section B (IJC-B)
		Journal of King Saud University - Science
		Pharmaceutical Sciences
		Mini-Reviews in Medicinal Chemistry
		Current Bioactive Compounds
		Journal of AOAC INTERNATIONAL
7	Togati Naveen	Journal of Organic Chemistry
		Frontiers in Chemistry

Department of Mechanical Engineering		
No.	Name of Faculty	Name of Journal or Conference
1	Dr. R. Venkata Rao	Computational Methods in Sciences and Engineering, IOS Press, The Netherlands
2	Dr. R. Venkata Rao	Expert Systems With Applications, Elsevier, USA
3	Dr. R. Venkata Rao	Journal of Supercomputing, Springer, UK
4	Dr. R. Venkata Rao	International Journal of Advanced Manufacturing Technology, Springer, UK
5	Dr. R. Venkata Rao	Journal of Engineering Manufacture, Sage Publishers, UK
6	Dr. R. Venkata Rao	International Journal of Production Research, Taylor & Francis, UK
7	Dr. R. Venkata Rao	Journal of Intelligent Manufacturing, Springer, UK
8	Dr. R. Venkata Rao	International Journal of Mathematical and Computer Modeling, Elsevier
9	Dr. R. Venkata Rao	Heat and Mass Transfer, Germany
10	Dr. R. Venkata Rao	Energy Sources, Part B, Springer
11	Dr. R. Venkata Rao	Journal of Manufacturing Systems, World Scientific
12	Dr. R. Venkata Rao	Arabian Journal of Science and Engineering, Springer
13	Dr. R. Venkata Rao	Information Sciences, Elsevier
14	Dr. R. Venkata Rao	Applied Soft Computing, Elsevier
15	Dr. R. Venkata Rao	Engineering Optimization, Taylor & Francis, UK
16	Dr. R. Venkata Rao	Computers & Industrial Engineering, Elsevier

Department of Mechanical Engineering		
No.	Name of Faculty	Name of Journal or Conference
17	Dr. R. Venkata Rao	Applied Mathematical Modeling, Elsevier, USA
18	Dr. R. Venkata Rao	IEEE Transactions on Industrial Informatics
19	Dr. R. Venkata Rao	International Journal of Engineering, Project and Production Management (NUS, Singapore)
20	Dr. R. Venkata Rao	Energy, Elsevier
21	Dr. R. Venkata Rao	International Journal of Industrial Engineering Computations, Growing Science, Canada
22	Dr. R. Venkata Rao	Engineering Applications of Artificial Intelligence, Elsevier
23	Dr. R. Venkata Rao	National Academy of Sciences, India Section A: Physical Sciences, Springer
24	Dr. R. Venkata Rao	Applied Thermal Engineering, Elsevier
25	Dr. R. Venkata Rao	Optimal Control, Industrial applications and Methods, Wiley, USA.
26	Dr. R. Venkata Rao	Journal of Computational Design and Engineering
27	Dr. R. Venkata Rao	International Journal of Thermal Sciences, Elsevier
28	Dr. R. Venkata Rao	Applied Energy, Elsevier
29	Dr. R. Venkata Rao	Neural Computing and Applications, Springer
30	Dr. R. Venkata Rao	Artificial Intelligence Review, Elsevier
31	Dr. R. Venkata Rao	International Journal of Refrigeration
32	Dr. R. Venkata Rao	Engineering Science and Technology: An International Journal, Elsevier
33	Dr. R. Venkata Rao	Journal of Cleaner Production, Elsevier
34	Dr. R. Venkata Rao	Journal of Advances in Engineering Software, Elsevier
35	Dr. R. Venkata Rao	Journal of Electrical Engineering and Technology, Springer
36	Dr. R. Venkata Rao	Journal of Applied Mathematics and Computing, Springer
37	Dr. R. Venkata Rao	Soft Computing Letters, Elsevier
38	Dr. R. Venkata Rao	International Journal of Engineering and Technology
39	Dr. R. Venkata Rao	Mathematical Problems in Engineering, Hindawi
40	Dr. R. Venkata Rao	The Institution of Engineers (India), Series-B, Springer
41	Dr. R. Venkata Rao	Mechanism and Machine Theory, Elsevier
42	Dr. R. Venkata Rao	International Journal of Intelligent Computing and Cybernetics, Emerald
43	Dr. R. Venkata Rao	Engineering with Computers, Springer
44	Dr. R. Venkata Rao	Computer Methods in Biomechanics and Biomedical Engineering, Taylor and Francis
45	Dr. R. Venkata Rao	Swarm and Evolutionary Computation, Elsevier
46	Dr. R. Venkata Rao	International Journal for Numerical Methods in Engineering, Wiley
47	Dr. A. A. Shaikh	Indian journal of science & Technology (May 5 2021)
48	Dr. A. A. Shaikh	STRUCTURE D 21 00153 (March 7, 2021)
49	Dr. A. A. Shaikh	Engineering Failure Analysis (16 June 2021)
50	Dr. Shailendra Kumar	IMechE, Part-B, Journal of Engineering Manufacture
51	Dr. Shailendra Kumar	Rapid Prototyping Journal
52	Dr. Shailendra Kumar	Polymer Engineering & Sciences
53	Dr. Shailendra Kumar	Journal of Mechanical Science and Technology
54	Dr. Shailendra Kumar	The International Journal of Advanced Manufacturing

Department of Mechanical Engineering		
No.	Name of Faculty	Name of Journal or Conference
		Technology
55	Dr. T. N. Desai	International Journal of Sustainable Engineering
56	Dr. T. N. Desai	International Journal of Quality & Reliability Management
57	Dr. A D Parekh	International Journal of Applied Thermal Engineering
58	Dr. Jyoti Menghani	RAM 2021
59	Dr. Beena D. Baloni	Journal of The Institution of Engineers (India): Series C (IEIC)
60	Dr. P.V. Bhale	Clean Technologies and Environmental Policy, Energy
61	Dr. H. K. Dave	2nd International conference on Recent Advances in Manufacturing at SVNIT, Surat
62	Dr. H. K. Dave	International journal of Advance Manufacturing Technology
63	Dr. H. K. Dave	Decision Making: Applications in Management and Engineering
64	Dr. H. K. Dave	Progress in Additive Manufacturing
65	Dr. H. K. Dave	Journal of Mechanical Science and Technology
66	Dr. Rupesh Shah	Engineering Applications of Computational Fluid Mechanics
67	Dr. Rupesh Shah	Combustion Science and Technology
68	Dr. Rupesh Shah	Journal of Fluid Flow, Heat and Mass Transfer
69	Dr. Rupesh Shah	International Journal of Hydrogen Energy
70	Dr. Vimal Patel	International journal, Energy conversion and Management, Elsevier
71	Dr. Vimal Patel	International journal of Green Energy, Taylor and Francis
72	Dr. Vimal Patel	International journal, Energy, Elsevier
73	Dr. Vimal Patel	International journal, Acta Scientific Agriculture
74	Dr. Vimal Patel	ISHMT 2021, IIT Madras
75	Dr. Vimal Patel	ICTACEM 2021
76	Dr. Vimal Patel	IMEC, NIT, Trichi
77	Dr. Vimal Patel	ICAFFTS, SVNIT, Surat
78	Dr. Vimal Patel	NCAME, SVNIT, Surat
79	Dr. Vimal Patel	NCTEC 2021, SVNIT, Surat
80	Dr. Pawan Sharma	Reviewer in Sage Part C: Journal of Mechanical Engineering Science
81	Dr. Vipul M. Patel	International Journal of Heat and Mass Transfer
82	Dr. Vipul M. Patel	Sadhna
83	Dr. Vipul M. Patel	2 nd International Conference on Recent Advances in Mechanical Infrastructure at IITRAM
84	Dr. Y Naresh	International Journal of Thermal Sciences
85	Dr. Y Naresh	Environmental Progress
86	Dr. Y Naresh	Korean journal of chemical engineering
87	Dr. Y Naresh	Journal of thermal engineering
88	Dr. Y Naresh	5th International Conference on Applications of Fluid Dynamics
89	Dr. Amit Kumar	National Conference on Advances in Mechanical Engineering
90	Dr. Prabhansu	2nd National and 1st International Conference on Advances in Fluid Flow and Thermal Sciences (ICAFFTS), SVNIT

Department of Mechanical Engineering		
No.	Name of Faculty	Name of Journal or Conference
91	Dr. Prabhansu	Arabian Journal for Science and Engineering, Springer Publisher
92	Dr. Prabhansu	Thermal Science and Engineering Progress, Elsevier Publication
93	Dr. Prabhansu	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis Publisher
94	Dr. Amrut S. Mulay	RAM 2020 at SVNIT Surat
95	Dr. Amrut S. Mulay	Achieves of Civil and Mechanical Engineering
96	Dr. Amrut S. Mulay	IEEE Transactions on Engineering Management
97	Dr. Nikhil A. Baraiya	ASME Turbo Expo 2020 & 2021
98	Dr. Nikhil A. Baraiya	Aircraft Engineering and Aerospace Technology
99	Dr. Nikhil A. Baraiya	Journal of Aerospace Technology and Management
100	Dr. Nikhil A. Baraiya	Book Chapters for Springer book series on "Energy Environment and Sustainability"
101	Dr. Sumit Khare	12th Structural Engineering Convention
102	Dr. Rohan R. Pande	Biomass and Bioenergy Journal (SCI).
103	Dr. Rohan R. Pande	Environment, Development and Sustainability Journal, Springer (SCI)
104	Dr. Rohan R. Pande	Energy Research & Social Science (Scopus)
105	Dr. Rajesh Choudhary	Materials Today: Proceedings
106	Dr. Susanta Behera	International Journal of Mechanical Sciences
107	Y. V. Kuwar	ICAFFTS2021 – SVNIT, Surat

Department of Physics		
No.	Name of Faculty	Name of Journal or Conference
1	Dr. D. R. Roy	IEEE Transactions on Nanotechnology (IEEE Xplore)
2	Dr. D. R. Roy	Materials Science in Semiconductor Processing (Elsevier)
3	Dr. D. R. Roy	Ind. J. Chem. Soc. (Elsevier)
4	Dr. D. R. Roy	ACS Applied Materials & Interfaces (ACS)
5	Dr. D. R. Roy	ACS Omega (ACS)
6	Dr. D. V. Shah	Journal of Alloy and compounds (Elsevier)
7	Dr. Yogesh Sonvane	ACS Applied Materials & Interfaces (ACS)
8	Dr. Yogesh Sonvane	ACS Journal of Physical Chemistry (ACS)
9	Dr. Yogesh Sonvane	ACS Applied Nano Materials (ACS)
10	Dr. Yogesh Sonvane	Chemical Physics Letter (Elsevier)
11	Dr. Yogesh Sonvane	Physica E (Elsevier)
12	Dr. Yogesh Sonvane	RSC Catalysis and Technology (RSC)
13	Dr. Yogesh Sonvane	RSC Advance
14	Dr. Yogesh Sonvane	RSC NaoScale

Department of Electronics Engineering		
No.	Name of Faculty	Name of Journal or Conference
1	Deepak Joshi	Book Review: Introduction to VLSI Design Flow - Cambridge University Press
2	Kamal Captain	Journal Reviewer: IEEE Transactions on Vehicular
3	Kamal Captain	Journal Reviewer: Physical Communication, Elsevier
4	Upena Dalal	Book Review: Digital Communication by Simon Hykin Indian version
5	Upena Dalal	Journal Reviewer: OE (Optical Engineering) SPIE --Light management in Cesium Lead Halide/silicon Tandem Solar Cells using Periodic nanophotonic structure at front
6	Upena Dalal	Journal Reviewer: IETE Journal of Research ----Analysis of amplitude scintillation and positioning error of IRNSS/GPS/SBAS receiver for heavy rainy days
7	Kishor Upla	reviewer in SPIE optical engineering, IET biometric, IET image processing,
8	Abhishek Acharya	Reviewer in IEEE Transaction on Electron Devices
9	Abhishek Acharya	Transactions on Computer-Aided Design of Integrated Circuits and Systems
10	Abhishek Acharya	Reviewer of VLSI Design Conference
11	Rasika Dhavse	Reviewer of Defence Science Journal, DRDO, India
12	Shilpi GUpta	Reviewer of IET Microwave Antennas and Propagation
13	Shilpi Gupta	Reviewer of IET Communication
14	Upena Dalal	Paper reviewer in IETE Journal of research
15	Upena Dalal	Paper reviewer in Springer Journal of Telecommunication Systems on 3rd March 2021.
16	Shilpi GUpta	reviewed paper in Wireless Personal Communication on 25th May 2021.
17	Shilpi GUpta	reviewed Paper in PLOS ONE Journal on 30th May 2021

Department of Electronics Engineering		
No.	Name of Faculty	Name of Journal or Conference
1	Dr. S N Sharma	Automatica, <i>an IFAC Control Journal</i>
		IEEE Control Systems Letters
2	Dr. A. K. Panchal	Materials Today Proceedings, Elsevier Publication.
		Journal of Photovoltaics, IEEE Publication.
		Materials in Semiconducting Processes, Elsevier Publication.
		Solar Energy Journal, Elsevier Publication
		Journal of Engineering & Applied Science Research.
		International Journal of Emerging Electrical Power System, D'Gruter Publication.
		Energy Sources Part-A: Recovery, Utilization & Environment Effect, T&F Publication.
		Materials for Renewable & Sustainable Energy Journal, Elsevier Publication.
		Renewable Power Generation, IET Publication.
		Sustainable Energy Technologies & Assessment, Elsevier Publication.

Department of Electronics Engineering		
No.	Name of Faculty	Name of Journal or Conference
		Transaction on Industrial Applications, IEEE Publication. UPCON-2020
3	Dr.M. A. Mulla	IEEE Transaction on Power Electronics IEEE Transaction on Industrial Electronics IEEE Transaction on Industrial Application IEEE PES Transactions on Energy Conversion IEEE Journal of Emerging and Selected Topics in Power Electronics Wiley International Transactions of Electrical Energy System ACTA Press International Journal of Power and Energy Systems
4	Dr Vasundhara Mahajan	IEEE Access International Transactions on Electrical Energy Systems International Journal of Green Energy CSEE Journal of Power and Energy Systems IEEE Transactions on Power Electronics IEEE Journal of Emerging and Selected Topics in Power Electronics International Journal of Numerical Modelling: Electronic Networks, Devices and Fields IET Renewable Power Generation International Journal of Circuit Theory and Applications EPERC 2020 and EPERC 2021, NIT J ISCEAPT 2021, NITJ SNC 2021, Gautam Buddha University, Noida ISGT 2021, Europe
5	Dr. H.G. Patel	2 nd Electric Power and Renewable Energy Conference (EPREC-2021) May 28-30, 2021 Simulation: Transactions of the Society for Modeling and Simulation International International (Virtual) Symposium on Control, Communication and Embedded System for Robotics, 03-04 October 2020, NIT Silchar.
6	Dr. A. Mahesh	IET Generation, transmission and Distribution Soft Computing International Journal of Power Electronics International Journal of Emerging Electric Power Systems International Journal of Green Energy
7	Dr Sukanta Halder	IEEE Transactions on Industrial Application International Journal of Electronics Journal of Electrical Engineering & Technology IEEE Transactions on Industrial Electronics
8	Dr Akanksha Shukla	2nd Electric Power and Renewable Energy Conference (EPREC-2021) May 28-30, 2021 International Transactions on Electrical Energy Systems, Wiley

Department of Electronics Engineering		
No.	Name of Faculty	Name of Journal or Conference
9	Prof. Varsha A Shah	International Journal of Emerging Electric Power Systems, De Gruyter
		IEEE Transactions on Intelligent Transportation System
		IEEE Transactions on Transportation Electrification
		Nature Sustainability, Springer Nature.
		Nature Communications, Springer Nature.
		Sustainable Cities and Societies, Elsevier
		International Journal of Emerging Electric Power System
		Journal of Technology and Economics of Smart grids and Sustainable Energy, Springer Publishers.
		SAEInternational.
		Transportation Research Part D : Transport and Environment, Elsevier.
		Frontiers in Energy
		Journal of Mechanism and Machine theory
		Book chapter Distributed Energy System Modelling and Control” to be published in CRC Press, Florida, USA

(x) Ph.D. thesis reviewed as Examiners outside SVNIT

Department of Applied Mathematics & Humanities			
Sr. No.	Name of Faculty Member	Name of the University / Institute	Remarks
1	Dr. Sushil Kumar	Birla Institute of Technology And Science, Pilani (Hyderabad Campus)	01
2	Dr. Jayesh M Dhodiya	Gujarat University, Gujaart	01
3	Dr. H. P. Bulsara	Central University of Gujarat	02
4	Dr. H. P. Bulsara	Mother Teresa Women's University	01 Thesis
5	Dr. R. K. Jana	Gujarat Technological University	PhD Viva-Voce conducted on 17.08.2020
6	Dr. U. Kaushal	Madurai Kamaraj University	Had to refuse as they wrongly addressed me as Associate Professors
7	Dr. Twinkle R. Singh	C.U. Shah University, Wadhvan	01
8	Dr Neeru Adlakha	NIT ,Raipur	Name of Candidate: NISHANT NAMDEV, Thesis Title: APPLICATIONS OF ROUGH SETS IN BIOSCIENCES: A MATHEMATICAL APPROACH
9	Dr Neeru Adlakha	NIT, Raipur	Name of Candidate: Miss. Barkha Tiwari , Thesis Title: “Study of the Ecosystem by Mathematical Models: Complexities and Challenges
10	Dr Neeru Adlakha	Barkatullah University , Bhopal	Name of Candidate: Ms Akansha Sharma, - Thesis Title: Development Of Data

			Mining Algorithms For Efficient Exploration Of Genetic Similarity And Dissimilarity In Bacterial Species
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Department of Civil Engineering			
Sr. No.	Name of Faculty Member	Name of the University / Institute	Remarks
1	Dr. Namrata D Jariwala	"Spatio-Temporal Distribution of Groundwater Recharge in Upper Bhima Basin using Geoinformatics"	Savitribai Phule Pune University, Pune.
2	Dr. C.H. Solanki	Effect of Inclined Reinforcement in Improving the Bearing Capacity of Reinforced Soil Bed.	JNTUH-Kukatpally, Hyderabad.
3	Dr. C.H. Solanki	Axial and lateral load capacity analysis of piles considering consolidation effect of soft clay.	NIT Tiruchirappalli.
4	Dr. J.N. Patel	"Modelling Vadose Zone Infiltration in the Himalayan Lake Catchment".	National Institute of Technology, Srinagar.
5	Dr. C D Modhera	"Investigation on Characteristics, Strength & Behaviour of Concrete Confined with UPVC Pipe".	NIT Durgapur.
6	Dr. C D Modhera	"Investigation on Shear and Flexural Capacity of Reinforced Self Compacting Concrete Blended with Fly Ash and Alccofine".	JNT University Anantapur,(AP).
7	Dr. M Mansoor Ahammed	Modelling and assessment of traffic-related air pollution in an Urban area.	Jamia Millia Islamia, Delhi.

Department of Computer Engineering			
Sr. No.	Name of Faculty Member	Name of the University / Institute	Remarks
1	Prof. D C Jinwala	NIT, Surathkal	--
2	Prof. D C Jinwala	MNIT, Jaipur	--
3	Prof. D C Jinwala	NIT, Raipur	--
4	Dr. Rupa G. Mehta	Birla Institute of Technology Mesra, Ranchi, Jharkhand, India	--
5	Dr. UdaiPratap Rao	SASTRA Deemed University Thanjavur-613 401 India	Review of PhD thesis in Feb 2021
6	Dr. S J Patel	C. U. shah University, Wadhwan City, India 3rd December - 2020.	--

Department of Computer Engineering			
Sr. No.	Name of Faculty Member	Name of the University / Institute	Remarks
1	Dr. Suresh Kumar Kailasa	GITAM University, Hyderabad	Acted as Examiner for the adjudication of PhD thesis
2	Dr. Suban K. Sahoo	North Maharashtra University, Jalgaon.	Thesis Title: Design, synthesis and properties of highly functional nanostructured

			photocatalysts and their use in removal of toxic dyes Name of Candidate: Kavayitri Bahinabai Chaudhari,
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Department of Electronics Engineering

Sr. No.	Name of Faculty Member	Name of the University / Institute	Remarks
1	U. D. Dalal	Ph D thesis viva voce Examiner, GTU (Bhupendra Parmar) Exam on 1st October, 2020	--
2	U. D. Dalal	Ph D thesis viva voce Examiner, GTU (Pinky Brahmabhatt), invited panel member-- defense on 10th December 2020	--
3	U. D. Dalal	Thesis review Mody Institute Rajasthan, student Mrs Indu bhuria, defense on 11/12/2020 through online mode	--
4	K.P. Upla	PhD interview committee member at NBL, NTNU, Norway during August 2020	--

Department of Mechanical Engineering

Sr. No.	Name of Faculty Member	Name of the University / Institute	Remarks
1	Dr. R. Venkata Rao	Andhra University, Visakhapatnam	Review was submitted.
2	Dr. R. Venkata Rao	SP Pune University, Pune	Review was submitted.
3	Dr. R. Venkata Rao	SP Pune University, Pune	Review was submitted.
4	Dr. R. Venkata Rao	Symbiosis University, Pune	Review was submitted.
5	Dr. A A. Shaikh	Experimental Evaluation of Mechanical and Electrical Properties of Nano Hybrid Composites for Engineering Applications". Jan 2021, JNTUH – Kukatpally Hyderabad	Reviewed and Reported
6	Dr. A A. Shaikh	Experimental and Numerical Analysis of Superplastic Forming for Light Weight Alloys". Nov 2020, JNTUH – Kukatpally, Hyderabad	Reviewed and Reported
7	Dr. A A. Shaikh	Numerical Analysis and A Parametric Experimental Investigation by A Novel Method On the Bulge Forming Characteristics of Tubular Materials November, 2020, JNT University Anantapur.	Reviewed and Reported
8	Dr. A A. Shaikh	"Experimental Analysis of Struts under Tensile and Compressive Loads Made of Glass Fiber/Epoxy". November, 2020. JNTUH – Kukatpally, Hyderabad – 500085, Telangana State.	Reviewed and Reported
9	Dr. A A. Shaikh	Viva voce PhD Exam "An investigation on machining of reinforced glass composite material and optimization of cutting parameters" 7/10/2020 JNTUH – Kukatpally, Hyderabad	Reviewed and Reported
10	Dr. A A. Shaikh	Viva voce PhD Exam "An investigation on machining of reinforced glass composite material and optimization of cutting parameters" 7/10/2020 JNTUH – Kukatpally, Hyderabad	Reviewed and Reported
11	Dr. Shailendra Kumar	NIT Trichurpalli	
12	Dr. Shailendra Kumar	Veltech University, Chennai	
13	Dr. T. N. Desai	Goa University, Goa (12/03/2021)	Thesis accepted
14	Dr. Jyoti Menghani	Metallurgical Engineering Department GEC Gandhinagar	--
15	Dr. Jyoti Menghani	Charotar University of Science and Technology (CHARUSAT)	--

Department of Mechanical Engineering			
Sr. No.	Name of Faculty Member	Name of the University / Institute	Remarks
16	Dr. H. K. Dave	Motilal Nehru National Institute of Technology Allahabad	Thesis reviewed
17	Dr. A. V. Doshi	Indian Institute of Science, Bangalore	--
18	Dr. Amit Kumar	Title of Ph.D. Thesis - Numerical and Experimental Investigation of Heat transfer and Friction Characteristics of Roughened Solar Air Heater Absorber Plate. University:- Manipal University Jaipur, Jaipur 303007, Rajasthan	--
19	Dr. Amit Kumar	Title of Ph.D. Thesis - Development and reliability testing of higher thermal conductive organic phase change materials for thermal energy storage. University:- Manipal University Jaipur, Jaipur 303007, Rajasthan	--
20	Dr. Amrut S. Mulay	SGGS IE&T, Nanded	PhD symposium examiner
21	Dr. Rohan R. Pande	Shivaji University, Kolhapur	Accepted with few suggestions

Department of Computer Engineering	
<p>Dr. M. Chakraborty: PhD thesis evaluation of Mr. Himanshu Karshanbhai Patel (16DRCSM003) on "Valorization of Non-Fodder Crop Residues to Energy and By-Products" Charusat University, Anand, Gujarat.</p> <p>Dr. Jigisha K Parikh, NIT Raipur, Sept 2020, IIT Kharagpur, Jan 2021 and IIT Kharagpur, April 2021.</p> <p>Dr. A. K. Mungray:</p> <ol style="list-style-type: none"> 1. M. Tech. Examination at HBTU Kanpur Chemical Engg. Department, 21 October, 2020. 2. Ph.D. viva-voce examination at Chemical Engineering Department, PDPU, Gandhinagar, 6th Feb., 2021 3. DPC member for Ph.D. program of Mr. Hemant at Pacific School of Engineering Kadodara-Palsana Road, Sanki, Surat 	

(xi) Patents / Designs (Granted / Filed)

Civil Engineering Department				
No.	Name of Inventors	Title of Invention	Date of Application of grant	Application No. and status
1	Dr. P.G. Agnihotri Nidhi Chandrana Jiteshkumar Pandit	Approach towards Water Harvesting and Recharging in Hard Rock Area	--	2021101987 16/04/2021
2	Dr. K.A. Chauhan Dr. Shweta N. Shah Jaydip N. Vora	Sanitary Pad Sticking Machine	--	100422 25/06/2021
3	Dr. K.A. Chauhan Dr. Shweta N. Shah Jaydip N. Vora	Sanitary Pad Cutting Machine	--	100490 25/06/2021
4	Dr. K.D. Yadav	Composter	--	300440 01/02/2019 Granted
5	Dr. K.D. Yadav	Dry Leaves Cutting Machine	--	320230-001 16/11/2020 Granted
6	Dr. K.D. Yadav	Flower Waste Pulveriser	--	334122-001 27/11/2020 Granted

Civil Engineering Department				
No.	Name of Inventors	Title of Invention	Date of Application of grant	Application No. and status
7	Dr. K.D.Yadav	Rotatory composterfor organic waste	--	336824-001 02/02/2021 Granted
8	Dr. K.D.Yadav	Flower Waste Composter	--	331236-001 09/06/2021 Granted
9	Dr. P. V. Timbadiya Dr. P. L. Patel	Design patent on " SEDIMENT TRAP"	-	328731-001 registered
10	Dr. S.J.Shukla	Design Patent title:"Mould for Fibre Reinforced Clay Specimen Preparation" name: Mohit Mistry, S.J.Shukla,C.H.Solanki, status - Accepted	-	348509-001, registered
11	Dr. Satyajit Patel	Product Patent on "Method for producing angular shaped fly ash aggregate"	-	Patent Number - 362571, Date of Award: 23rd March 2021.
12	Dr. Satyajit Patel	Product Patent on " Low Calcium Fly Ash Based Angular Shaped Aggregate and Method for Producing the same."	-	Registration Number: 202111002934 registered in the name of NTPC and SVNIT joint patent(filed).

Department of Electrical Engineering				
No.	Name of Inventors	Title of Invention	Date of Application of grant	Application No. and status
1	Mahmadasraf A. Mulla, and Rajan V. Vamja	Multipurpose Battery-Assisted Solar-Powered Water Pumping System	Application date:28/05/2020 Publication Date:12/06/2020	Application No. 202021022353 STATUS:Application referred u/s 12 for examination.
2	Varsha A shah, Athul Vijay P K and Ujjval B Vyas	Ultracapacitor Driven Electrical Vehicle with Proposed Regenerative Braking and Field Weakening Control Algorithm of Induction Motor	Application Date : 16/05/2021 Publication Date: 11/06/2021	Application No. 202121021976 Status: Application referred for examination.

Department of Chemistry				
No.	Name of Inventors	Title of Invention	Date of Application of grant	Application No. and status
1	Bharat Dholakiya, Dr. Y. D. Patil Bhagyshree Sarde	Polymer mortar composite from post-consumer PET modified with MMA and POFA and process for preparation thereof	02/06/2021	202121024624 granted
2	Upendra Sharma, Togati Naveen,	Palladium Catalyzed Synthesis of Benzofurans and Coumarins	24/07/2018	2012/MUM/2013 granted

Department of Chemistry				
No.	Name of Inventors	Title of Invention	Date of Application of grant	Application No. and status
	Debabrata Maiti	Using Phenol or Substituted Phenols		

Department of Chemical Engineering				
No.	Name of Inventors	Title of Invention	Date of Application of grant	Application No. and status
1	Dr. Mausum Mukhopadhyay	Method for synthesis of SnO ₂ nanocatalyst using leaf extract of <i>Delonix regia</i>	08.03.2021	202121009497 A
2	Mausumi Mukhopadhyay and Nishant Srivastava.	Method of <i>Chlorella pyrenoidosa</i> microalgae (NCIM 2738) mediated green synthesis of Selenium (Se) nanocatalyst	02.06.2021	202121024660
3	Mausumi Mukhopadhyay and Niles S Dumore	Platinum and Selenium nanocomposites coated Fluorine-doped Tin Oxide (FTO) electrochemical sensor for Hydrogen Peroxide detection	09.07.2021	202121031002
4	Mausumi Mukhopadhyay	UV Reactor for Water Treatment	19.08.2021	348075-001
5	: Asfak Patel, Dr. Alka A. Mungray, Dr. Arvind K. Mungray	Vertically Upward Flow Forward Osmosis (VUF-FO) Reactor integrated with membrane distillation	--	202021035096
6	Asfak Patel, Dr. Alka A. Mungray, Dr. Arvind K. Mungray	Water Purifier	-	328636-001
7	Dr. Alka A. Mungray, Asfak Patel, Dr. Arvind K. Mungra	Water Purifier	-	348690-001
8	Meghal A. Desai, Jigisha K. Parikh, Krishna P. Solanki.	An integrated equipment for crushing and extraction,	-	IN 201921000563A,
9	Meghal A. Desai, Jigisha K. Parikh, Krishna P. Solanki	Vessel for simultaneous pretreatment and separation of bioactive components from plant material,	-	343361-001
10	Dr. Chetan M. Patel, Rarita kalla, Z.V.P,Murthy	Design patent applied on MBR-Flat Sheet Module	23/03/2021	341280-001
11	Preena Shrimal, Sanjaykumar R. Patel, Girirajsinh C. Jadeja	Ultrasonic enhanced Y-type microchannel emulsification system and drug encapsulation using said system	-	. 202121023591

13.0 TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP-III)

National Project Implementation Unit (NPIU), New Delhi has selected the institute consecutively for the third project under World Bank programme i.e. TEQIP-III. The major purpose of this project is three fold:

- (1) Procurement of latest instruments/software
- (2) Academic Development
- (3) Twinning activity

The total project cost is Rs.7.00 Crores out of which the institute has already used Rs.6.20 crore. As far as academic programs are concerned the institute has spent Rs.2.27 Crore. This amount has been utilized to carry out various activities like a organizing 85 short term training programs (STTPs), 09 national and international conferences, faculty and staff development programmes, management level training for senior level faculty, academic reforms like curriculum revision and restructure, academic audit and student related activities like organizing 26 finishing schools. Support has been given to third year and final year students of B.Tech for preparation of GATE exam. In addition to these, the most sparkling feature is the twining activities for the mentee institute MMMUT, Gorakhpur (UP). From the mentee institute, many faculty members/ students received the benefits of this activity. The faculty members of the mentor institute have worked very hard to lift up the mentee institute. Various research projects under “Micro Research Projects” have been approved. Approximately 116 students have been given the research grant.

ANNUAL ACCOUNT 2020 - 2021



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान,
सूरत-३९५ ००७, गुजरात, भारत

**Sardar Vallabhbhai
National Institute of Technology,
Surat - 395 007 (Gujarat) India**

**STATEMENT OF ACCOUNTS
OF
SARDAR VALLABHBHAI NATIONAL
INSTITUTE OF TECHNOLOGY
ICHCHHANATH, SURAT**

**ACCOUNTING YEAR ENDING
ON
31/03/2021**



संख्या : CAE/SAR/SVNIT Surat /2021-22/ow-568

दिनांक : 27-9-2021

सेवा में,
भारत सरकार के सचिव,
शिक्षा मंत्रालय, (पूर्व:मानव संसाधन विकास विभाग मंत्रालय)
माध्यमिक और उच्चतर शिक्षा विभाग,
कमरा नंबर 529 शास्त्री भवन, 'सी' विंग,
नई दिल्ली -110001.

S.V.N.I.T. SURAT-395007

Inward No. 2421 Dt. 1/10/2021

Sign....Y.S. Deptt./Secy Regi. Surat.

विषय : Sardar Vallabhbhai National Institute of Technology, Surat के वर्ष 2020-21 के लेखाओं पर
पृथक लेखापरीक्षा प्रतिवेदन

महोदय,

The Annual account of the Sardar Vallabhbhai National Institute of Technology, Surat for the year 2020-21 were audited between 12/07/2021 to 23/07/2021 under section 19(2) of the Comptroller & Auditor General of India's (DPC) Act, 1971.

The following documents are sent herewith:

- 1) Separate Audit Report and Annexure-A for the year 2020-21.
- 2) Certified copy of Annual Accounts of SVNIT, Surat for the year 2020-21.

The audit report may please be arranged to be placed in both the Houses of Parliament and date on which it is placed before Lok Sabha & Rajya Sabha may be intimated to this office, along with the printed copy of the documents placed, endorsing a copy thereof to the Comptroller & Auditor General of India, New Delhi.

The Report may please be treated as 'Confidential' till it is placed before both the houses of Parliament.

संलग्न : उपर्युक्त

अभिषेक
27/9
उप निदेशक/आ.रा.ले.प. एवं के.ले.प. (व्यय)

प्रतिलिपि : निर्देशक, Sardar Vallabhbhai National Institute of Technology, Surat 395 007

A certified copy of the Annual Accounts and Separate Audit Report is enclosed which may please be treated as confidential till it is placed on the table of both the Houses of Parliament.

The date of placement of Separate Audit Report before both the Houses of Parliament along with a printed copy of the Audit Report may be furnished to Audit. The printed report may carry the name of the Principal Director of Audit (Central) with Designation.

PR.D
16/10
Registrar,
for N.A. pls.
1/10/21

अभिषेक
27/9
उप निदेशक/आ.रा.ले.प. एवं के.ले.प. (व्यय)

Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of Sardar Vallabhbhai National Institute of Technology, Surat for the year ended on 31 March 2021.

We have audited the attached Balance Sheet of Sardar Vallabhbhai National Institute of Technology, Surat as on 31 March 2021, the Income and Expenditure Account and Receipts & Payment Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Power & Condition of Services) Act, 1971 read with Section 22(2) of National Institute of Technology Act, 2007. These financial statements are the responsibility of Sardar Vallabhbhai National Institute of Technology, Surat's Management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on test basis, evidences supporting the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
- ii. The Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this Report have been drawn up in new format approved by Ministry of Human Resources Department;
- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Sardar Vallabhbhai National Institute of Technology, Surat required under Section 22(1) of NIT Act, 2007 so far as it appears from our examination of such books.

We further report that:

A. Balance Sheet:

A.1 Sources of Funds

Current Liabilities and Provisions (Schedule 3)- 105.96 crore

During the year 2020-21 total revenue grants available for institute including previous year unutilized grants was of ₹ 140.20 crore and total revenue expenditure made during the year 2020-21 was of 195.78 crore. This implied that all the grants is being utilized during the year 2020-21. Thus, unutilized Grant during the year 2020-21 was Nil. Expenditure in excess of grant was required to be booked as expense in income expenditure account However, institute had shown unutilized grant as in negative figure of ₹ 27.26 crore and same figure was also exhibited as a liability in Balance Sheet. This resulted in understatement of Current Liabilities & Provisions and understatement of deficit by ₹ 27.26 crore.

A.2 Source of Fund

Designated/Earmarked/Endowment Fund (₹10.13 crore)

The accrued interest of ₹ 41.32 lakh earned on the investment made from Director Discretionary Funds & Department Development Fund instead of adding it respective funds institute had shown it as own income. This resulted in understatement of Endowment funds and understatement of deficit of Income over Expenditure by ₹ 41.32 lakh. Further the Schedules 2 is not prepared as per MHRD format.

A.3 Source of Fund

Capital Fund (₹573.20 crore)

The total capital grant utilized during the year 2020-21 was of ₹ 12.15 crore (schedule-10). However, total Capital Fund to the extent utilized was shown as 13.91 crore (Schedule 1) which is actually the total Capital Grant received during the year 2020-21 (Schedule 3C) and not the Capital Fund to the extent Utilized. Further, the value of 13.91 crore is further reduced by Unspent Grant of Rs 12.50 crore (Schedule 1) which resulted in Net Capital Fund to the extent utilized as Rs 1.41 crore only instead of 12.15 crore. This resulted in understatement of Corpus/capital funds by ₹ 10.74 crore (12.15-1.41) and overstatement of liability by same extent.

A.4 Application of Funds

Loan, Advances & Deposits (₹27.95 crore)

It was found that institute had paid ₹ 97.20 lakh for 9 yearly subscriptions of yearly e- journals and subscription period of e-journals completed in the next financial years. The proportionate amount of subscription pertaining to next financial year was to be accounted as prepaid expenses but, the institute has accounted whole amount as expenses of current year. This resulted in overstatement of excess of deficit of income over expenses and understatement of Current Assets, Loans & Advances by ₹ 73.22 lakh.

B. Income and Expenditure Account: Nil

C. Accounting Policies: Nil

D. Receipt & Payment Account: NIL

E. General

E.1 Non-capitalization of books received as donation/gift

The institute received 63 books as donation/gift which are not capitalized. This results in non-following of MHRD accounting policy.

F. Grant in Aid

(Rs in crore)

	OB	Received During Year	Total Expenditure During Year	Unspent Grant
Capital Grant	38.00	13.91	12.16	39.76
Revenue Grant	2.52	137.68	195.78	0

F.Net Effect of Comments on Accounts

The net effect of audit comments is that the Liability is understated by ₹27.67 crore, Assets are understated by ₹0.73 crore, and the deficit of the year is understated by ₹ 26.94 crore

- Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipt & Payments Account dealt with by this report are in agreement with the books of accounts.
- In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts and subject to the significant matters stated above and other matters mentioned in Annexure A to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.

- (a) In so far as it relates to the Balance Sheets, of the state of affairs of the SardarVallabhbbhai National Institute of Technology, Surat as at 31 March 2021 and
- (b) In so far as it relates to Income & Expenditure Account of the Deficit for the year ended on that date.

For and on behalf of
The Comptroller & Auditor General of India

Place: Ahmedabad

Date: 27-9-2021

V. N. Kothari
Principal Director of Audit (C)

Annexure-A to Audit Report

1. **Adequacy of Internal Audit (IA) system:** - SVNIT, Surat does not have any internal audit wing and they have appointed Chartered Accountants as IA during the year 2020-21.
2. **Adequacy of Internal Control System:** - The internal control system is adequate subject to the following:
 - (a) No Internal Audit wing is constituted till date.
3. **System of Physical verification of fixed assets:** Physical verification is in place.
4. **System of Physical verification of inventory:** Physical verification is in place.
5. **Regularity in payment of statutory dues:** The Institute is regular in depositing the statutory dues.


Sr. Audit Officer/CA (E)

**STATEMENT OF ACCOUNTS OF
SARDAR VALLABHBHAI
NATIONAL INSTITUTE OF TECHNOLOGY,
SURAT**



**BALANCE SHEET,
INCOME & EXPENDITURE ACCOUNT,
RECEIPT & PAYMNT ACCOUNT &
GPF/CPF/ NPS ACCOUNT
FOR THE YEAR ENDING
31st MARCH 2021**



INTERNAL AUDITOR'S REPORT

We have audited accompanying financial statements of the **Sardar Vallabhbhai National Institute of Technology (SVNIT)**, Ichchhanath, Surat-395007 which comprise the Balance Sheet as at 31st March, 2021, the statement of Income and Expenditure Account for the year ended and summary of significant accounting policies and other explanatory information prepared on the basis of law applicable as well as guidelines issued by the Central Government to the Institute. During the course of Audit we have observed that some materials discrepancies adversely affecting our opinion about the truth and fairness of the financial statement of the institute. They are under: -

- I. During the year the institute have reconciled their Current Account No. 10023050019 with State Bank of India for the year 2012-13 to 2018-19. Details related to Reconciliation provided in Notes on Accounts (Refer Note No. 9.o)
- II. Refer Accounting policies & notes on accounts Schedule No. 23 & 24 of our Audit Report.

For TodiTulsyam & Co.
FRNo. 002180C
Chartered Accountants

CA Deepak Kumar
(Partner)
MRN 092792

UDIN : **21092792AAAADX2202**



Place: Surat
Date: 25th June'2021

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
BALANCE SHEET AS AT 31ST MARCH 2021

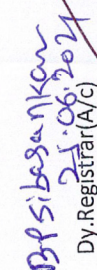
SOURCES OF FUND		SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
CORPUS / CAPITAL FUND		1	6,115,388,311.25	6,061,261,524.60
DESIGNATED / EARMARKED / ENDOWMENT FUNDS		2	101,366,802.48	99,137,894.81
CURRENT LIABILITIES & PROVISIONS		3	1,059,626,957.31	634,874,940.19
TOTAL			7,276,382,071.04	6,795,274,359.60

APPLICATION OF FUNDS		SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
FIXED ASSETS				
Tangible Assets			5,046,063,032.26	5,240,415,556.98
Intangible Assets		4	10,153,228.80	19,417,105.40
Capital Works-In-Progress			11,067,503.00	-
INVESTMENTS OUT OF CORPUS/EARMARKED / ENDOWMENT / ALUMINI FUND		5	469,607,208.50	447,562,201.67
INVESTMENTS - OTHERS		6	-	603,587.00
CURRENT ASSETS		7	1,460,437,028.36	581,267,063.12
LOANS, ADVANCES & DEPOSITS		8	279,054,070.12	506,008,845.43
TOTAL			7,276,382,071.04	6,795,274,359.60

SIGNIFICANT ACCOUNTING POLICIES 23 0.00

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS 24

Date : 25th June 2021
Place : Surat


 Dy. Registrar(A/c)
 25.06.2021
 Sr. Audit Officer
 वरि. लेखा परीक्षा अधिकारी
 25.6.21
 Director
 25.6.21

कायालय प्रधान निदेशक लेखा परीक्षा (कन्ट्रोल) मन्त्रालय
 Office of the Principal Director of Sur
 लेखापरीक्षा भवन, नवमार्ग
 Audit House

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2021

Amount in Rupees

INCOME	PARTICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
Academic Receipts		9	349,730,271.00	341,946,167.73
Grants /Subsidies		10	1,376,760,000.00	1,458,700,000.00
Income from Investment		11	24,097,586.00	34,989,378.46
Interest Earned		12	2,480,472.00	2,168,066.00
Other Income		13	26,723,299.62	27,786,701.75
Prior Period Income		14	142,636,399.09	-
TOTAL (A)			1,922,428,027.71	1,865,590,313.94

EXPENDITURE	APPLICATION OF FUNDS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
Staff Payment & Benefits (Establishment expenses)		15	1,217,066,321.14	751,756,069.00
Academic Expenses		16	225,977,118.00	210,041,135.00
Administrative and General Expenses		17	123,597,130.19	137,078,259.20
Transportation Expenses		18	-	-
Repairs & Maintenance		19	47,764,941.00	37,948,032.00
Finance costs		20	-	19,468.92
Depreciation		4	283,222,592.72	261,703,496.08
Other Expenses		21	-	-
Prior Period Expenses		22	60,221,097.99	-
TOTAL (B)			1,957,849,201.04	1,398,546,460.20
Balance being excess of Income over Expenditure (A-B)			-35,421,173.33	467,043,853.74
Transfer to /from Designated Fund				
Building fund				
Others (specify)				
Balance Being Surplus / (deficit) Carried to Capital Fund			-35,421,173.33	467,043,853.74

SIGNIFICANT ACCOUNTING POLICIES

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS

Date : 25th June 2021

Place : Surat

Dy. Registrar
Dy. Registrar

Sr. Audit Officer
Sr. Audit Officer

कार्यालय प्रधान निदेशक लेखा परीक्षा (केन्द्रीय) गुजरात
Office of the Principal Director of Audit (Central), Gujarat
लेखापरीक्षा भवन, नवरांगपुरा, अहमदाबाद-380019
Audit Bhawan, Navrangpura, Ahmedabad-380019

Director
Director

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE - 1 : CORPUS / CAPITAL FUND

		Amount in Rupees	
	Particulars	CURRENT YEAR	PREVIOUS YEAR
	Corpus Fund		
	Balance at the beginning of the year	241,702,650.70	184,127,325.70
Add:	Contribution towards Corpus Fund	141,633,279.67	57,575,325.00
	Total (A)	383,335,930.37	241,702,650.70
	Capital Fund		
	Balance at the beginning of the year	5,819,558,873.90	5,360,056,854.16
Add:	Contribution towards Corpus / Capital Fund	-	-
Add:	Grants from Govt. Of India to the extent utilized for Capital expenditure (Capital Fund)	139,175,000.00	16,000,000.00
Add:	Assets purchased out of Earmarked fund	5,906,367.00	-
Add:	Assets purchased out of sponsored projects, where ownership vests in the institute	19,589,314.00	-
Add:	Asset Donated / Gift Received	-	-
Add:	Other Additions	-	-
Add:	Excess of Income over expenditure transferred from I/E Account	-	-
Add:	Institute's Corpus Fund (U.G.) (5/148)	-	-11,347,589.00
Add:	Institute's Corpus Fund (P.G.) (5/149)	-	-6,571,951.00
Add:	Institute's Corpus Fund (M.Sc.) (5/163)	-	-73,000.00
Add:	Institute's Corpus Fund (Ph.D.) (5/321)	-1,872,000.00	1,872,000.00
Add:	Admission Fee (UG) 1/188	-	-
Add:	Admission Fee (PG) 1/189	-	-
Add:	Admission Fee (M.Sc.)	-126,000.00	-
Add:	Admission Fee (PGC)	-821,000.00	-
Add:	Admission Fee (One Time C)	-1,375,000.00	-
Add:	Spot Admission Fees	-35,290.00	-
Add:	IRG (Internal revenue Generation)	-388,825.00	388,825.00
Add:	R & C Reserve & Surplus	-97,200.00	-
Add:	CCMT - 2017	-	-
Add:	SVNIT Development Fund 5/46	1,734,025.00	-7,810,119.00
Add:	R&C Project IRG	12,496,039.95	-
Less	Unspent Grant as on 31.03.2021	-125,007,157.64	-
Less:	Transferred from retained earnings	-101,263,593.00	-
Add:	Excess of Income over expenditure transferred from Income & Exp. A/c	-35,421,173.33	467,043,853.74
Less:	Excess of Expenditure over Income transferred from Income & Exp. A/c	-	-
	Total (B)	5,732,052,380.88	5,819,558,873.90
	BALANCE AT THE YEAR END (A+B)	6,115,388,311.25	6,061,261,524.60

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE - 2 : DESIGNATED / EARMARKED / ENDOWMENT FUNDS

Particulars	Institute Fund (Director Discretionary fund) 5/238	Fund wise Breakup			Total	
		Department Development Fund	MEDAL & SCHOLARSHIP FUND	Alumni Fund	Current Year	Previous Year
(1): A.						
a) Opening Balance	31,786,467.08	53,585,782.00	-	13,765,645.73	99,137,894.81	81,894,782.73
b) Additions during the year	2,722,296.15	2,843,999.50	2,708,568.00	758,737.46	9,033,601.11	17,675,071.08
c) Income from Investments made of the funds	-	-	-	-	-	-
d) Accrued Interest on Investments/Advances	-	-	-	-	-	-
e) Interest on Savings Bank a/c.	-	-	-	-	-	-
f) Other additions (specify nature)	-	-	-	-	-	-
Less : Receivable from Institute Account	-	-	-	-	-	-
Total (A)	34,508,763.23	56,429,781.50	2,708,568.00	14,524,383.19	108,171,495.92	99,569,853.81
B.						
Utilization /Expenditure towards objective of funds						
i) Capital Expenditure	-	5,906,367.00	-	-	5,906,367.00	-
ii) Revenue Expenditure	-	898,326.44	-	-	898,326.44	431,959.00
iii) Temporary loan to Institute	-	-	-	-	-	-
Total (B)	-	6,804,693.44	-	-	6,804,693.44	431,959.00
Closing balance at the year end (1) (A-B)	34,508,763.23	49,625,088.06	2,708,568.00	14,524,383.19	101,366,802.48	99,137,894.81
Represented by						
Cash and Bank Balances	-	-	-	-	-	-
Investment	-	-	-	-	-	-
Interest accrued but not due	-	-	-	-	-	-
Total						

SCHEDULE-2 : DESIGNATED / EARMARKED / ENDOWMENT FUNDS

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SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE - 2 : DESIGNATED / EARMARKED / ENDOWMENT FUNDS

Particulars			Fund wise Breakup			Total	
			Gratuity Fund	Student Aid Fund		Current Year	Previous Year
(3) : A.							
a) Opening Balance	-	-	-	-	-	-	-
b) Additions during the year	-	-	-	-	-	-	-
c) Income from Investments made of the funds	-	-	-	-	-	-	-
d) Accrued Interest on Investments/Advances	-	-	-	-	-	-	-
e) Interest on Savings Bank a/c.	-	-	-	-	-	-	-
f) Other additions (specify nature)	-	-	-	-	-	-	-
Total (A)	-	-	-	-	-	-	-
B.							
Utilization /Expenditure towards objective of funds							
i) Capital Expenditure	-	-	-	-	-	-	-
ii) Revenue Expenditure	-	-	-	-	-	-	-
Total (B)	-	-	-	-	-	-	-
Closing balance at the year end (3): (A-B)	-	-	-	-	-	-	-
Represented by							
Cash and Bank Balances	-	-	-	-	-	-	-
Investment	-	-	-	-	-	-	-
Interest accrued but not due	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-
Closing balance at the year end (1+2+3)	-	-	-	-	-	-	-

Amount in Rupees

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE : 3 : CURRENT LIABILITIES AND PROVISIONS

Amount in Rupees		
PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
A. CURRENT LIABILITIES		
1. Deposits from staff	-	-
2. Deposits from Students	-	-
3. Sundry Creditors	-	-
a) For Goods & Services	-	-
b) Others	32,557,574.74	21,882,193.96
4. Deposits - Others (EMD, Security Deposit, Caution Money etc.)	51,082,819.60	46,240,239.60
5. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS)	-	14,738,538.00
Liabilities against Sponsored Project(Performance Security)	-	-
6. Current Liabilities	-	-
a) Salaries , Pension and allowances	51,104,515.00	47,606,048.00
b) Receipts against sponsored projects	-	-
c) Receipts against sponsored fellowships & Scholarship	21,555,242.84	20,748,568.84
d) Unutilized Grants	-	-
Under Plan (OH-35) Grants	397,591,604.15	-
Under Non-Plan Grants (OH-31+36)	-272,584,446.51	-
e) Grants in Advance	-	-
f) Other funds	-	-
g) Other liabilities	-	-
NBCC Ltd. Payable	2,178,310.00	2,178,310.00
R. N. Dobariya (Amount Payable) 2/238	863,875.00	863,875.00
Deferred Credit Liabilities	-	228,522,166.91
Other Current Liabilities	325,393,469.00	191,239,923.01
Total (A)	609,742,963.82	574,019,863.32

B. PROVISIONS			
1. For Taxation	-	-	-
2. Gratuity (Provision as per Actuarie s)	169,321,269.00	-	-
3. Pension Payable 1/341	-	-	-
4. Accumulated Leave encashment (Provision as per Actuaries)	215,553,277.00	-	-
5. Trade Warranties/Claims	-	-	-
6. Salary & Allowance Payable to Staff 1/153	-	-	-
7. Provision for Works and Plan others	-	-	-
8. M. & R. Land & Bldg.	-	-	-
9. Temp. Staff Daily Wages Payable.	2,939,462.00	-	-
10. Telephone Charges.	-	-	-
11. Dr. Mayank Desai Group Ins. Payable	13,544.00	13,544.00	13,544.00
12. Other Payable	2,569,842.00	2,569,842.00	3,672,146.00
13. Pay of Establishment UG Payable	-	-	-
14. Pay of Officer UG, PG Payable	-	-	-
15. DA of Officer Payable	-	-	-
16. DA of Establishment Payable	-	-	-
17. TA of Officer Payable	-	-	-
18. TA of Establishment Payable	-	-	-
19. HRA of Officer Payable	-	-	-
20. HRA of Establishment Payable	-	-	-
21. Honorarium of Officer Payable (To Civil Advisor)	100,000.00	100,000.00	-
22. Honorarium of Establishment Payable	-	-	-
23. Non-practice Allowance of Officer Payable	-	-	-
24. Provision for Expense	-	-	-
25. Children Education Allowances Payable	4,095,000.00	4,095,000.00	-
26. House Keeping & Sanitation Payable	2,050,464.00	2,050,464.00	-
27. Library Operating Cost (LOC) Payable	785,689.00	785,689.00	-
28. M & R Land & Garden Payable	20,060.00	20,060.00	-
29. Salary to Contractual Employees Payable	4,063,993.00	4,063,993.00	-
30. Security Charges Payable	3,193,206.00	3,193,206.00	-
31. Seminar / Extension Lectures	17,000.00	17,000.00	-
32. Telephone Charges Payable	17,272.00	17,272.00	-
Total (B)	404,740,078.00	404,740,078.00	3,685,690.00
TOTAL (A+B)	1,014,483,041.82	1,014,483,041.82	577,705,553.32

Sundry Creditors Others:			
Particulars	Amount 2019-20	Amount 2018-19	
Shri Sayed Banglawala	2,756.00	2,756.00	
Shailesh R. Gandhi	16,071.00	16,071.00	
G4S Secure Solution (India) Private Limited	6,179,808.46	6,179,808.46	
MED Sh. Rajendra Parmar	595.00	595.00	
M/s. 3 Star J.T.R. Travels	1,575.00	1,575.00	
M/s. AIE Creations & Production	-545,000.00	-545,000.00	
Ms. A M Ansari	-	5,600.00	
M/s. A M Traders	-	1,770.00	
M/s. Akhilam Enterprise	1,239.00	-	
M/s. Ankit Gems Private Limited	6,250.00	-	
M/s. BSB Edge Pvt. Ltd.	396,661.00	-	
Ms. Birmla Enterprise	-	187,499.00	
M/s. Chamunda Electric Service	100.00	100.00	
M/s. Daksh Enterprise	3,098.00	-	
M/s. Dev Sports & Stationery	6,750.00	6,750.00	
M/s. DIRECTOR SVNIT CCE	834,678.00	491,133.00	
M/s. Empire Global	944.00	6,969.00	
M/s. Emreraid Publishing Ltd.	1,014,163.00	-	
M/s. Environmental & Scientific Instruments Co.	-	4,956.00	
M/s. Gujarat Gas Ltd.	-	10,411.00	
M/s. H.B. Joshi (8/15)	-	-70.00	
M/s. H K Enterprise, Surat	1,046.00	-	
M/s. ICE Publishing LTD. Uk	657,195.00	-	
M/s. Indian Oil Corporation Limited	-	70,000.00	
M/s. Informa UK Ltd.	2,442,927.00	-	
M/s. Incarp Instruments Services	-	193,914.00	
M/s. IOP Publishing Ltd.	1,897,485.00	-	
M/s. Iqor Globle Services India Pvt Ltd	1,355.00	1,355.00	
M/s. Kai Computech, Junagadh, Guj.	4,673.00	-	
M/s. Khelghar.in	-	22,126.00	
M/s. Krupa Nidhi	3,000.00	3,000.00	
M/s. Manthan Tradeing	19,744.00	19,744.00	
M/s. Mudra Automation	-	1,000.00	
M/s. Natvarlal Chitabhai Parmar	-	13,815.00	
M/S. New Amar Stationary & Refilling Centre	2,119.00	-	
M/s. New Modi Plan Xerox & Stationery	108.00	-	

M/s. NI Systems India Pvt. Ltd.	6,644.00	6,644.00	6,644.00
M/s. Oracle Infotech	-	-	7,850.00
M/s. Oxford University Press	936,836.00	-	-
M/s. Pravinbhai Thakorbhai Jariwala	-	-	19,130.00
M/s. Purewell	1,850.00	1,850.00	1,850.00
M/s. Royal Society Of Chemistry	2,035,503.00	-	-
M/s. Satkaival Sound Service	5,000.00	5,000.00	5,000.00
M/s. Sheela Caterers	197.00	197.00	197.00
M/s. Shree Shakti Dry Cleaners	3,375.00	3,375.00	3,375.00
M/s. Sterling Labcare	-	-	5,486.00
M/s. Suresh R. Dhodiya	-	-	23,650.00
M/s. Vivekanand Kendra Kanyakumari	260.00	260.00	260.00
M/s. Yogesh S. Sapkal	-	-	950.00
M/s. Yourdost Health Solutions Pvt. Ltd.	-	-	106,200.00
STTP on RCEQMS-2019 L K Saini Project	27,500.00	27,500.00	27,500.00
Sundry Creditors (R&C Division) (Details as per Annexure -2)	13,508,745.19	13,508,745.19	14,975,814.50
TFLLR-1 2018 Dr. G D Kale	2,410.00	2,410.00	2,410.00
M/s. Spie, USA	188,559.00	-	-
NANDINI ELECTRONICS	2,055.00	-	-
Sundry Creditors CCE	2,882,320.09	-	-
VINAYAKA ENTERPRISE	6,980.00	-	-
Total	32,557,574.74	32,557,574.74	21,882,193.96

Other Current Liabilities:			
Particulars	Amount 2020-21	Amount 2019-20	
Duties & Taxes (Annexure 1)	6,882,891.02	3,430,032.43	
DEPOSIT (LIABILITY)	12,278,243.19	12,081,291.19	
FEES REFUNDABLE TO STUDENTS	-	3,036,000.00	
SCHOLARSHIP PAYABLE	21,122,268.00	16,022,985.00	
1/186 (OTHER FEES (U.G.))	3,370,329.00	-906,671.00	
1/187 (OTHER FEES (P.G.))	-	1,569,000.00	
1/284 (OTHER FEES (P.H.D.))	-	1,413,000.00	
1/322 (OTHER FEES (M.SC.))	-	1,295,000.00	
1/363 (INSTITUTIONAL OVERHEAD CHARGES)	1,518,146.00	1,311,288.00	
1/389 (E-TABLET REGISTRATION FEES (1ST YEAR STUDENT))	26,000.00	26,000.00	
5/113 (CONSULTANCY (APPLIED MECHANICS))	60,241.00	60,241.00	
5/143 (TSUNAMI RELIEF FUND)	-	167,250.00	
5/145 (SAE ACTIVITIES IN "SAE' SVNIT COLL. IATE CHAPTER)	-	131,181.00	
5/159 (TRAINING PROGRAMME FOR NIAL)	-	6,000.00	
5/175 (INT. CONF. ON ADVANCE IN MED)	398,468.00	398,468.00	
5/18 (EARNEST MONEY DEPOSIT (E.M.D.))	-	-	
5/192 (DASA ADMISSION FUND (SEED MONEY)	464,824.00	374,824.00	
5/193 (TRAINING PROGRAMME FOR L&T MHI BOILERS PVT.LTD., PO.BATHA)	-	874,559.00	
5/194 (AMPD CONFERENCE2010-DR. A.A.SHAIKH)	12,179.00	12,179.00	
5/196 (R&D PROJECT :VARIABLE SPEED WIND ENERGY CONVERSION SYSTE)	-	50,000.00	
5/19 (SECURITY DEPOSIT A/C.(PARTY)	-	-	
5/201 (PRINTING CHARGES TOWARDS WORKSHOP PROCEEDING (S.M.YADAV)	-	2,500.00	
5/202 (NATIONAL WORKSHOP (FLYASH)(RAKESH KUMAR))	-	-	
5/209 (INTERNATIONAL CONFERENCE OF IND. ENGINEERING (DR. RAVIKAN)	-	1,644.00	
5/229 (WORKSHOP ON INTR. OF RESEARCH AND METHOD (LK SAINI)	-	-	
5/234 (ALUMNI ASSO.MEMBERSHIP FEE/DONATION (PASSED OUT STUDENT)	-	-	
5/235 (INTEREST ON FD OF ALUMNI ASSO.MEMBERSHIP FEE/DONATION)	-	-	
5/25 (TESTING LAB.DEV.FUND (COLLEGE LAB)	5,896,080.58	5,896,080.58	
5/261 (COMBUSTION RELATED ACTIVITIES AND SIC AND RGD LAB. (DR. S)	263,026.00	282,428.00	

5/262 (STTP "FUNDAMENTALS AND SPECIAL TOPICS IN FLUID MECHANIC)	-	3,109.00
5/263 (TRAINING PROGRAMME/CONFERENCE ON MANUFACTURING)	-	467,531.00
5/26 (CONSULTANCY CHARGES)	10,372,065.76	10,444,591.76
5/27 (LIBRARY DEPOSIT)	10,000.00	10,000.00
5/282 (STTP ON "ONE WEEK SNHORT TERM COURSE ON "FINITE ELEMENT)	-	23,500.00
5/283 (AICTTE QUIP PROGRAMME FOR M.TECH.PH.D.(DR.SHAILENDRA KUM)	9,799,610.00	9,799,610.00
5/289 (TWO WEEK SELF FINANCE)	-	20,435.00
5/298 (W/S FOR SCIENCE TEACHERS ON "TURNING TRASH IN TO TOY (DR)	-	-
5/317 (SPONSORING DEVPT. OF VOLLEY BALL, CRICKET BY ALUMINI)	-	-
5/34 (OTHER DEPOSITS (PARTY)	-	-
5/42 (DEPOSIT OF GUJARAT GAS CONNECTION (STAFF)	-	20,000.00
5/50 (SECURITY DEPOSIT (STUDENTS)	-	-
5/51 (WORKSHOP OF METHOD & ADVATAGE OF GROUND WATER RECHARGES)	-	-
5/66 (TRANSCRIPT CHARGES)	192,504.00	105,354.00
5/82 (COUNSELLING FOR ADMISSION FOR B.TECH. I YEAR(CSAB)(CENTER)	798,125.00	153,925.00
5/84 (PRADHAN MANTRI GRAMIN SADAK YOJNA)	736,278.00	736,278.00
5/87 (POLLUTION ISSUES AND MANAGEMENT-03 CONVENIER(UAPIM-03)	-	-
5/91 (DONATION A/C)	-	731,742.00
6/35 (GROUP MEDICAL INSURANCE FOR SVNIT STUDENTES)	35,390.00	124,272.00
4/265 DBT PROJECT DESIGN & DEVELOPMENT (P. N. PATEL)	922,884.00	-
CCE ACCOUNTS`	-174,696.70	-1,797,299.00
Dean R & C Miscellaneous Fund A/c	-	-6,014,564.50
EMD -R & C	-	-
LATE PAYMENT INTEREST-ST	-	40,055.00
NATIONAL CONF. ON SUTRIM JULY-11 GJ JOSHI	-	38,785.00
Other Current Liabilities(R&C)	-	-
TESTING AND CONSULTANCY SERVICE	72,989,257.91	73,386,270.25
TEMPORARY ADVANCE TO HOSTEL SECTION	-	-
SERB Project	-	800,000.00
Spons. Research Project CSIR Bhatnagar	2,747,960.10	1,255,933.10
Contingencies Payable	278,924.00	121,632.00
Students	1,023,293.77	146,969.25
FIST - Dept. Infra Devt. APD (Dr. Vipul Khera)	5,074,715.00	7,268,451.00
GIAN Course - S S Arkatkar	-	62,379.00
Misc. Receipt (Liability) 5/320	7,152,983.00	3,116,909.00
SVRCET Alumni Association Fund 6/21	-	-
Interest on FD from Alumini Fund	-	-
Donation for COVID 19	5,365.00	-

Fees refundable to students (A.Y. 2020-21)	3,857,750.00	-
R & C Project Liabilities	650,655.50	
Professional Upgradation Fund - (Testing/Consultancy)	27,639,960.78	28,571,700.00
Professional Upgradation Fund - (Project Overhead)	4,702,828.09	3,766,954.45
Dean Office Project Consultancy Staff Fund 5/239	10,446,558.90	10,300,120.50
Hostel Fund A/c	113,838,361.10	
TOTAL RS..	325,393,469.00	191,239,923.01
Annexure 1 Duties & Taxes:		
Particulars	Amount 2020-21	Amount 2019-20
GST Liability R. & C.	1,695,639.02	1,211,927.43
GST Payable on RCM Basis	1,119,681.00	623,694.00
New Pension scheme subscription 5/12	-	285,900.00
NPS Employer Contribution	6,825.00	6,825.00
Professional tax 5/7	80,960.00	-1,560.00
Service Tax R. & C.	297,561.00	297,561.00
TDS CGST (1%)	324,602.00	278,369.00
TDS SGST (1%)	324,602.00	278,369.00
TDS IGST (2%)	156,775.00	447,225.00
TDS Payable 194- C (2%)	440,446.00	1,722.00
TDS Payable 194- C (1%)	29,075.00	-
TDS Payable 194- J (10%)	254,009.00	-
Income Tax Staff 5/8	2,006,137.00	-
Labour Cess (5/191)	146,579.00	-
Late Payment Interest - ST	-	-
TOTAL RS..	6,882,891.02	3,430,032.43
Annexure 2: Sundry Creditors (R&C Division)		
Particulars	Amount 2020-21	
4/252 Dr. S.A. Channiwala	1874770.00	
5/112 Nandan H Dawda	6000.00	
Acad Vashi Snehal	46272.00	
Account Section	81283.55	
ACD Bhaviniben Soneria	3500.00	
ACD Jagdish Solanki	2749.00	
ACD Thakurbhai Solanki	2748.00	

AMD 1089 Dr A K Desai	563786.00
AMD 1258 Dr Y D Patil	451.00
AMD 1310 Dr J B Patel	14625.00
AMD 1350 Dr B Kondraivendhan	14625.00
AMD 3182 Sh B S More	180.00
AMD 4110 Sh A R Kothari	180.00
AMD Maisuria S B	3808.00
AMD Mr Rajan Khalsi	1520.00
AMD Mr Shah Paresh M	1235.00
AMD Sh Rajesh Maisuria	4575.00
AMHD Mr. Divyesh Patel	1025.00
AMHD Mr. Jitendra Patel	878.00
AMHD Mr. Rahul Ahir	878.00
AMHD Mr. Vinay Solanki	876.00
APD Diipesh Patel	250.00
APD Ms. Nishita Desai	400.00
APD Sh. Pritesh Patel	400.00
CCC Sh Vikki Khalashi	10459.00
CED 1098 Dr S M Yadav	24847.00
CED 1174 Dr G J Joshi	1715000.00
CED 1238 Dr N D Janwala	4140.00
CED 1257 Dr. M M Ahmed	52574.00
CED 1289 Dr Ashish Dhamaniya	1634259.00
CED 1356 Arkatkar S S	1634258.00
CED 3171 Sh Mahesh Patel	50000.00
CED Mrs Crissie Christian	16600.00
CED Ms. Nirali Umrigar	18350.00
CED Sh Ashok Parmar	6050.00
CED Sh. Chintaman Bari	6000.00
CED Sh. Jaydeep Goyani	3000.00
CED Sh Nayanbhai Rathod	5400.00
CED Sh Ninad Gore	37000.00
CED Sh Piyush Pavashiya	89809.00
CED Sh Rajubhai Umarvanshi	5400.00
CED Sh Ramesh Patel	5400.00
CED Shri. Aninda Bijoy Paul	16543.00
CED Sh Ritvik Chauhan	64796.00
Ced Sh Sajan Patel	18350.00

CED Sh Upendra Rajput	5400.00
CED Sh Vasudevan N	20000.00
Central Computer Centre	46277.00
Central Workshop	46270.00
CHED Mr Prashant Surati	705.00
CHED Mr Prashant Surati	550.00
COED Nirali Shan	600.00
COED Sh.Avinash Rathod	225.00
COED Shri Prabhat Baria	225.00
COED Shri Ramesh K Patel	225.00
COED Shri Vinod Valmik	225.00
DEAN (R & C) OFFICE STAFF	3007054.75
ECD 1323Dr Rakesh Kumar	214127.00
EED Mr Dharmendra K Vaghela	950.00
EED Mr Rajiv Bhavsar	1940.00
EED Ms.Sushila N Jariwala	1160.00
Est 3180 Rajesh Patel	46271.22
Estate & Store Section	858569.20
Library	48487.47
MED Mrs.Jigisha Bhuraiya	9375.00
M/s.Apex Scientific	1536.00
M/s.Arya Enterprises	650.00
M/s. AS Books	600.00
M/s.Avani Enterprises	1499.00
M/s.Cloudtail India Private Limited	2161.00
M/s.Empire Global	19000.00
M/s.Fine Manufacturing Industries	772603.00
M/s.Harshil Enterprises	3020.00
M/s.Price Engineering	93450.00
M/s. Riddhi Offset	2407.00
M/s.Shreenterprise	2529.00
M/s.Smart Computers & Stationers	8199.00
Sh.Nareshbhai R Kothari	455.00
Vishwakarma Enterprise	246750.00
Total	13,508,745

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE 1A - SPONSORED PROJECTS

Sl. No.	Name of the Project	Opening Balance			Grant received during the year			Total	Expenditure during the year	Transferred to R & D Fund	Refund to Agency during the year	Misc. Receipt	Closing Balance	
		Credit	Debit		Grants	Interest							Credit	Debit
1		3	4		5	6	7	8					9	10
2														
3	Gujarat Project Study of Effect of fooling on Formability Dr. H.K. Naval (3/139)	3,571.00	-		-	-		3,571.00	3,571.00					
4	Research Project a study on behavior of drug release kinetic (Mrs. Jigisha Parikh) (3/132)	27,000.00	-		-	-		27,000.00						
5	Support of entrepreneurial and Managerial development of SMEs (Dr. DV Bharti) (4/148)	361,611.00	-		11,659.00	-		173,270.00	173,270.00				27,000.00	
6	S&F Development Fund (Tr. From SVMIT TEQUIP A/C)	99,791.00	-		-	-		1,295,796.00					1,295,796.00	
7	IST Project on Devel. Of guideline for preventing (Dr. Rakeshkumar) (4/170)	3,443.00	-		74.00	-		102,533.00						
8	IST Project on Two Stage PTC (Dr. H.B. Naik) (4/173)	94,828.10	-		3,517.00	-		94,844.10						
9	CSIR Project on Devel. Of Indian Highway Capacity Manual (Dr. G.J. Joshi) (4/174)	4,509.00	-		98.00	-		4,607.00						
10	IST Project on utilisation of Copper Slag & Fly Ash (Dr. Rakesh Kumar) (4/175)	154,603.50	-		34.00	-		7,514.00						
11	DMR/BNR Project Development of thermally Acoustically driven (Dr. H.B. Naik) (4/181)	82,622.00	-		2,534.50	-		157,138.00						
12	SERB Project Entitled Novel Nanomaterials Structure Growth (Dr. D.R. Roy) (4/182)	42,721.79	-		622.00	-		83,444.00						
13	Ground State Properties of Low Dimensional Quantum Systems (Dr. L.K. Sami) (4/184)	2,853.00	-		20.00	-		42,741.79						
14	SERB Project Automation of Design of suitable (Dr. Shalendra Kumar) (4/188)	48,928.75	-		152.25	-		49,081.00						
15	NHRD Pedagogical Project Developing Suitable (Dr. Shalendra Kumar) (4/189)	152,074.00	-		4,178.00	-		156,252.00						
16	SERB Project Experimental Analysis of slug Regime in (Dr. J. Banerjee) (4/190)	10,480.50	-		226.50	-		10,707.00						
17	BRNS Project Mathematical Modeling of Thermal (Dr. J. Banerjee) (4/191)	164.00	-		-	-		164.00						
18	BRNS Project Estimation and Prediction of near field (Dr. R.A. Christian) (4/192)	12,073.00	-		-	-		12,073.00						
19	SERB Project Polymer Graphene Antimicrobial Protein (Dr. Rajendra Kumar) (4/193)	22,627.00	-		487.00	-		23,114.00						
20	ARDB Project Parametric Investigation: Upboard Storal (Dr. J. Banerjee) (4/195)	113,984.00	-		1,958.00	-		115,942.00						
21	SERB Project Use of Inorganic and Hybrid (Dr. Kajana Maheria) (4/196)	-	-		-	-		-						
22	Consultancy of Vetting for Structural Design (DVI) (PWD) (Dr. Macwan) (5/254)	343,779.00	-		7,899.00	-		343,779.00						
23	Combustion Related Activities and SIC and RGD Lab. (Dr. S.A. Channiwala) (5/261)	0.00	-		-	-		0.00						
24	SERB Project DEVT of Novel Supramolecular (Dr. Subhan Sahoo) (4/194)	-	-		-	-		-						
25	ERDO Project "Probabilistic fracture response of laminated" (Dr. Achchithal) (4/198)	6,064.00	-		222,416.00	-		77,055.00						
26	SERB Project "A study on ultrasound assisted crystallization" (Dr. S.R. Patel) (4/200)	1,053,608.60	-		656.00	-		229,136.00						
27	SRCP - C2 SD of (Dr. A.D. Darji) (4/202)	41,277.00	-		24,809.00	-		2,159,570.70						
28	ERDO project "Investigation on the influence of Dr. Shalendra Kumar MEd (4/203)	1,053.50	-		-	-		1,053.50						
29	IST project "Woman scientist scheme-A/Wos-AJentifiedDr Arvind Mungay(4/204)	17,250.00	-		473.00	-		17,723.00						
30	BRNS Project "Development of surface functionalized Dr. K.Sureshkumar (4/205)	2,941.25	-		63.00	-		3,004.25						
31	SERB Project "Study of traffic flow characteristics (Dr. S.S. Arkatkar) (4/207)	183,988.00	-		2,931.00	-		76,866.00						
32	BRNS Project "EPGA based adaptive filter algorithm Dr. A.D. Darji (4/209)	48,717.00	-		1,890.00	-		185,878.00						
33	CSIR project "Development of Stochastic filteringDr. Shambhujith Sharma(3/142)	2,476,724.00	-		1,048.00	-		49,765.00						
34	SERB Project "Traffic and Pedestrian Movement (Dr. Ashish Dhamaniya)(4/211)	2,727.00	-		386,771.00	-		2,863,095.00						
35	SERB Project on "Devel. of control Algorithms for shunt(Dr. Saba Raj Arya)(4/215)	380,497.50	-		53,857.00	-		56,380.00						
36	SERB Project on "Functional variants of Mussel Inspired (Dr. Rajendra Kumar)(4/217)	1,003,728.50	-		7,443.00	-		387,540.50						
37	IST Sponsored Research Project Nimat (C.D. Modera) (4/216)	1,008,750.00	-		2,181.00	-		81,565.00						
38	SERB Project "Research Proj. Gujost (V.N. Lad)(3/148)	397,276.00	-		21,001.00	-		1,024,729.50						
39	SERB Project "Research Proj. MHRD (K.D. Yadav)(4/219)	244,763.00	-		27,702.00	-		1,095,532.00						
40	SERB Project "Research Proj. SERB (Arvind Mungay)(4/223)	61,471.50	-		30,915.00	-		408,391.00						
41	SERB - Dr. Alka Mungay (4/243)	395,119.50	-		672.00	-		75,151.00						
42	SERB - Dr. Yoti Meghani (4/230)	60,592.50	-		50,000.00	-		1,376,779.00						
43	SERB - Dr. Rajendra Kumar (4/245)	656,981.00	-		957,000.00	-		34,382.00						
44	SERB - H.B. Mahta (4/232)	165,738.50	-		275,000.00	-		632,449.00						
45	SERB - Jigisha V. Chitli (4/224)	61,295.30	-		100,000.00	-		270,333.50						
46	SERB - Y.A. Sonawane (4/221)	22,179.50	-		1,100,000.00	-		7,356.00						
47	Sponsored Research Project - GOI (DR. SAGI) (4/225)	5,241,830.10	-		-	-		25,332.50						
48	Sponsored Research Project - GOI (DR. SAGI) (4/225)	22,343,123.70	-		-	-		3,053.00						
49	Sponsored Research Project - ICHR Dr. D.A. Patel (4/238)	125,753.00	-		250,000.00	-		11,074.00						
50	Sponsored Research Project - UGC DAE (UPENA DALAI) (4/229)	100,111.00	-		-	-		953.00						
51	Sponsored Research Project - UGC DAE (KHEAN KUPARKA) (4/222)	457.00	-		-	-		466.00						
52														
53														
54														
55														
56														
57														

58	Vishvesvaraya YPRF Fellowship (Dr. Piyush Patel) 4/236	287,346.50	-	140,705.00	7,229.00	435,480.50	219,050.00	-	-	-	216,430.50
59	MORTH - Preparation of State of art (Dr. D.A. Patel) 4/227	68,587.00	-	-	447.00	69,034.00	16,224.00	-	-	-	52,810.00
60	DCG DAE CSR Micro Structural (Naved Malek) 4/234	239,773.30	-	-	4,023.00	243,796.30	130,289.50	-	-	-	113,506.80
61	WMRRDGR-Impact of climate (Dr. P.L. Patel) 4/240	1,552,159.50	-	1,393,620.00	58,852.00	3,004,631.50	1,268,195.50	-	175,550.16	-	1,560,885.84
62	TAP-Impact of Climate change (Dr. P.L. Patel) 4/239	6,916.50	-	711,960.00	4,389.00	723,265.50	535,926.00	-	28,517.72	-	1,58,826.78
63	DST-Fractal Metaalerial (Dr. Kirti Inamdar) 4/249	162,763.28	-	830,500.00	10,078.00	1,003,341.28	10,826.16	-	131,450.00	-	861,065.12
64	Imprint 2-Perfo Opti of AC System (Dr. A.D. Parekh) 4/251	1,750,981.00	-	200,000.00	51,915.00	2,002,896.00	1,363,154.00	-	-	-	639,742.00
65	MH-UK-measure sus Index (S S Arkatkar) 4/254	4,355,835.00	-	-	351,823.00	4,707,658.00	121,935.00	-	-	-	4,585,723.00
66	SERB - Computational study on Multy (Dr. Shreshth Kumar) 4/246	118,710.00	-	350,000.00	6,842.00	475,552.00	377,344.00	-	-	-	98,208.00
67	SERB - COND POLYMER NANO (Swati Saxena) 4/250	506,523.00	-	-	15,500.00	522,023.00	506,006.00	-	-	-	16,123.00
68	SERB - Marico Waste Valor (Dr. M.A. Desai) 4/248	1,219,459.00	-	-	-	1,219,459.00	1,059,794.00	-	-	-	159,665.00
69	SERB - Study & Implementation (Dr. K.P. Unia) 4/247	533,159.00	-	340,000.00	23,620.00	896,779.00	606,590.00	-	93,906.00	-	195,883.00
70	DST TECH Data Injection (Dr. Sheetal Kanya) 4/257	509,444.00	-	750,000.00	30,164.00	1,289,708.00	891,345.00	-	10,714.72	-	387,648.28
71	ISRI Project Simulation & Land (Dr. R. K. Jana) 4/263	200,348.00	-	1,000,000.00	20,519.00	1,220,967.00	71,406.00	-	-	-	1,149,561.00
72	ROBOFEST - Gujarat (Dr. H. K. Dave) 4/259	129,064.00	-	500,000.00	7,367.00	636,431.00	628,126.00	-	-	-	8,305.00
73	SERB Nano Micro Particles (Dr. Sanjay Kumar Patel) 4/255	1,534,075.00	-	400,000.00	59,700.00	1,993,775.00	1,790,889.72	-	-	-	202,885.28
74	SERB Project - Linear Stability (Dr. J. Banerjee) 4/262	220,558.00	-	-	17,720.00	238,278.00	220,498.00	-	-	-	17,780.00
75	SERB Project - Synthesis of Antif (Dr. J.K. Parikh) 4/264	700,000.00	-	-	21,995.00	721,995.00	70,000.00	-	-	-	651,995.00
76	SERB Proj. - Study of Break up (Dr. Dipika Patel) 4/260	1,001,421.00	-	-	53,727.00	1,055,148.00	842,353.00	-	-	-	212,795.00
77	Sponsored Res. Project (Inst. of Engineers) (Dr. V.D. Kalyankar) 4/268	50,879.00	-	50,000.00	342.00	101,821.00	72,780.00	-	-	-	29,041.00
78	DST-Project-Development of Composite (Dr. V.N. Lad) 4/261	-	-	707,425.00	-	707,425.00	-	-	-	-	707,425.00
79	Robofest 2.0 (The Four Legged Robot Category) 4/274	-	-	50,000.00	-	50,000.00	-	-	-	-	50,000.00
80	Robofest 2.0 (The Pipe Climbing Robot Category) 4/273	-	-	50,000.00	-	50,000.00	-	-	-	-	50,000.00
81	Robofest 2.0 (The Powered Exoskeleton Category) 4/271	-	-	50,000.00	-	50,000.00	-	-	-	-	50,000.00
82	Robofest 2.0 (The Underwater Robot Category) 4/272	-	-	50,000.00	-	50,000.00	-	-	-	-	50,000.00
83	SERB PROJECT-DEVELOPMENT OF ENHANCED (DR. K.V.P) 4/268	-	-	2,183,710.00	13,107.00	2,202,817.00	-	-	-	-	2,202,817.00
84	SERB PROJECT-DEVELOPMENT OF NOVEL (DR. B.A. SAHOO) 4/266	-	-	2,086,236.00	-	2,086,236.00	-	-	-	-	2,086,236.00
85	SERB PROJECT-GROUP II/IV INORGANIC (DR. D.R. ROY) 4/267	-	-	2,187,376.00	6,038.00	2,193,414.00	-	-	-	-	2,193,414.00
86	SERB PROJECT-INDUSTRIAL SUITABILITY (DR. A.S. MULLAY) 4/269	-	-	984,120.00	8,611.00	992,731.00	-	-	-	-	992,731.00
87	SERB PROJECT-INVESTIGATION ON DR. V.K. PATEL 4/270	-	-	1,234,666.00	-	1,234,666.00	-	-	-	-	1,234,666.00
TOTAL		57,261,935.87	92,549.00	-	1,793,899.05	80,915,366.92	22,607,001.35	21,337,461.48	-	-	45,228,879.49
											84,964.00

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021
SCHEDULE : 3B : SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

Sl. No.	Name of the Sponsor	Opening Balance		Transaction during the year		Closing Balance as on 31.03.21	
		Credit	Debit	Credit	Debit	Credit	Debit
1	2	3	4	5	6	7	8
1	M. Tech - Scholarship	-	-	-	-	-	-
2	M. Tech - Contingency	-	-	-	-	-	-
3	Ph. D. - Scholarship 1/280	-	-	-	-	-	-
4	Ph. D. - Contingency 1/285	-	-	-	-	-	-
5	Other Agency - GOI, SPDC, DST 5/24	19,856,324.84	-	9,457,205.00	8,636,531.00	20,676,998.84	-
6	Top Class SC Student 5/168	756,605.00	-	1,069,300.00	1,069,300.00	756,605.00	-
7	Top Class ST Student 5/169	135,639.00	-	12,000.00	26,000.00	121,639.00	-
	Total	20,748,568.84	-	10,538,505.00	9,731,831.00	21,555,242.84	-

Note : No any specific grant received for fellowship or scholarship. All transactions of 1 to 4 above is spent from overall grant received from government.

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE : 3C : UNUTILIZED GRANTS FROM UGC, GOVT. OF INDIA AND STATE GOVT.

Amount in Rupees

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
A. Plan Grants : Government of India		
Balance Brought forward	379,994,617.15	456,289,236.15
Add: Receipts during the year	139,175,000.00	16,000,000.00
Add Other additions	-	96,947.00
Total (a)	519,169,617.15	472,386,183.15
Less: Capital expenditure of last year (Net off depreciation)	-	-
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital Expenditure	121,578,013.00	92,391,566.00
Total (b)	121,578,013.00	92,391,566.00
Unutilized carried forward (a-b)	397,591,604.15	379,994,617.15
B. Grants : NON- PLAN		
Balance Brought forward	25,282,161.81	-497,476,462.34
Add: Receipts during the year	1,376,760,000.00	1,458,700,000.00
Add Other additions	-	-6,928,365.34
Add: IRG during the year	-	300,537,582.61
Total (c)	1,402,042,161.81	1,254,832,754.93
Less: Refunds	-	-
Less: Utilized for Revenue Expenditure	1,674,626,608.32	1,229,550,593.12
Less: Utilized for Capital Expenditure	-	-
Total (d)	1,674,626,608.32	1,229,550,593.12
Unutilized carried forward (c-d)	-272,584,446.51	25,282,161.81
GRAND TOTAL (A+B)	125,007,157.64	405,276,778.96

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULE 4 - FIXED ASSETS

Assets Heads		% Dep. charged	Gross Block				Depreciation for the Year 2020-21		Net Block		
S. No.			Op Balance 01.04.2020	Additions	Deduction	Cl. Balance	Dep Opening Balance	Depreciation for the Year	Deductions/A adjustment	31.03.2021	31.03.2020
TANGIBLE ASSETS											
1	Land & Land Development	0	2,600,737.00	-	-	2,600,737.00	-	-	-	2,600,737.00	2,600,737.00
2	Buildings	2%	5,476,423,506.00	426,657.00	-	6,476,850,163.00	1,817,627,886.02	146,981,369.00	1,964,609,255.02	4,512,240,907.98	4,658,795,619.98
3	Compound wall	2%	40,680,216.00	-	-	40,680,216.00	16,907,443.06	505,910.00	17,408,353.06	23,271,862.94	23,777,772.94
4	Equipments (Out of annual plan grant)	8%	650,221,556.00	703,489.00	-	690,925,045.00	492,575,635.32	20,540,488.12	513,116,123.44	177,808,921.56	197,645,920.68
5	Electrical Installation and Equipment	5%	-	4,555,841.00	-	4,555,841.00	-	227,792.05	227,792.05	4,328,048.95	-
6	Plant and Machinery	5%	-	-	-	-	-	-	-	-	-
7	Scientific & Laboratory Equipment	8%	-	201,570.00	-	201,570.00	-	16,125.60	16,125.60	185,444.40	-
8	Office Equipment	7.5%	-	172,240.00	-	172,240.00	-	12,918.00	12,918.00	159,322.00	-
9	Audio Visual Equipment	7.5%	-	780,569.00	-	780,569.00	-	58,542.68	58,542.68	722,026.33	-
10	Equipments (Out of project grant)	8%	124,610,398.68	-	-	124,610,398.68	19,937,663.79	9,968,831.89	29,906,495.68	94,703,903.00	104,672,734.89
11	Electrical Installation and Equipment	5%	-	8,315,660.00	-	8,315,660.00	-	415,783.00	415,783.00	7,899,877.00	-
12	Plant and Machinery	5%	-	13,960,306.00	-	13,960,306.00	-	1,116,824.48	1,116,824.48	12,843,481.52	-
13	Scientific & Laboratory Equipment	8%	-	368,595.00	-	368,595.00	-	27,644.63	27,644.63	340,950.38	-
14	Office Equipment	7.5%	-	-	-	-	-	-	-	-	-
15	Audio Visual Equipment	7.5%	-	-	-	-	-	-	-	-	-
16	Furniture	7.50%	290,974,513.00	2,833,630.00	-	293,808,143.00	145,100,575.95	13,229,080.18	158,329,656.13	135,478,486.87	145,873,937.05
17	Library Books	10%	83,781,037.00	1,112,239.00	-	84,893,276.00	65,428,840.00	2,639,956.80	68,068,796.80	16,824,479.20	18,352,197.00
18	Vehicles	10%	7,310,447.00	-	-	7,310,447.00	2,394,415.20	639,118.70	3,033,533.90	4,276,913.10	4,216,031.80
19	Computers	20%	200,695,446.00	8,482,751.00	-	209,178,197.00	121,786,236.80	39,722,086.00	161,510,322.80	47,667,874.20	78,907,209.20
20	Cooking & Gas / Gas Pipeline	5%	1,492,017.00	-	-	1,492,017.00	1,381,233.70	6,517.00	1,387,750.70	104,266.30	110,783.30
21	Diesel Generator Set	5%	10,767,403.00	-	-	10,767,403.00	9,282,562.60	87,344.00	9,369,906.60	1,397,496.40	1,484,840.40
22	Centre for Excellence (Out of CG Grant)	2%	39,917,853.00	-	-	39,917,853.00	36,646,079.86	69,740.00	36,709,819.86	3,208,033.14	3,227,773.14
Total (A)			7,969,475,129.68	41,913,547.00	-	8,011,388,676.68	2,729,055,572.30	236,266,072.12	2,965,325,644.42	5,046,063,032.26	5,240,415,557.38

Capital Works in Progress (B)											
1	Capital Works in Progress (B)	-	-	11,337,614.00	270,111.00	11,067,503.00	-	-	-	11,067,503.00	-
Intangible Assets											
13	E Books / E-Journals	40%	70,748,657.00	37,469,398.00	-	117,218,055.00	60,331,551.60	46,887,222.20	107,198,773.80	10,019,281.20	19,417,05.40
14	Software	40%	-	223,246.00	-	223,246.00	-	89,298.40	89,298.40	133,947.60	-

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULE 4(C) (I) - PATENTS AND COPYRIGHTS

Amount in Rupees						
Particulars	Op Balance 01.04.2020	Additions	Gross	Amortization	Net Block 2020-21	Net Block 2019-20
A. Patents Granted						
1. Balance as on 31.03.2021 of Patents obtained in 2017-18 (Original Value - Rs.)	NIL	NIL	NIL	NIL	NIL	NIL
2. Balance as on 31.03.2021 of Patents obtained in 2018-19 (Original Value - Rs.)	NIL	NIL	NIL	NIL	NIL	NIL
3. Balance as on 31.03.2021 of Patents obtained in 2019-20 (Original Value - Rs.)	NIL	NIL	NIL	NIL	NIL	NIL
4. Patents granted during the Current Year						
Total	0	0	0	0	0	0

Particulars	Op Balance 01.04.2020	Additions	Gross	Amortization	Net Block 2020-21	Net Block 2019-20
B. Patents Pending in respect of Patents applied for:						
1. Expenditure incurred during 2018-19	NIL	NIL	NIL	NIL	NIL	NIL
2. Expenditure incurred during 2019-20	NIL	NIL	NIL	NIL	NIL	NIL
3. Expenditure incurred during 2020-21	NIL	NIL	NIL	NIL	NIL	NIL
Total	0	0	0	0	0	0
C. Grand Total (A+B)	0	0	0	0	0	0

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021
SCHEDULE : 5 : INVESTMENTS FROM CORPUS/EARMARKED / ENDOWMENT/ Alumni Funds

Amount in Rupees		
PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. In Central Government Securities	NIL	NIL
2. In State Government Securities	NIL	NIL
3. Other approved Securities	NIL	NIL
4. Shares	NIL	NIL
5. Debentures and Bonds	NIL	NIL
6. Term Deposits with Banks	306,339,452.00	348,974,615.00
(i) Corpus Fund FD	17,166,050.00	18,137,686.57
(ii) Alumni Fund FD	26,625,675.00	25,000,000.00
(iii) Institute Fund (Dir. Discretionary fund) FD 5/238	47,926,215.00	45,000,000.00
(iv) Department Development Fund FD	2,666,000.00	2,740,308.00
(v) Medal and Scholarship Fund FD	NIL	NIL
7. Others	10,718,489.30	183,034.70
Corpus Fund Bank A/c. 30047646468	52,849,149.00	3,077,553.00
Canara Bank 0277101020135 (corpus)	5,316,178.20	4,449,004.40
Alumini A/c No. 32062014924	469,607,208.50	447,562,201.67
Total		

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE : 6 : INVESTMENTS - OTHERS

<i>Amount in Rupees</i>		
PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. In Central Government Securities	-	-
2. In State Government Securities	-	-
3. Other approved Securities	-	-
4. Shares	-	-
5. Debentures and Bonds	-	-
6. Term Deposits with Banks	-	-
Short Term Deposit (Fee)	-	-
Short Term Deposit	-	-
7. Others : Margin Money Account (L.C.)	-	603,587.00
Others (Deposits/Students Account)	-	-
Total	-	603,587.00

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE : 7 : CURRENT ASSETS

Amount in Rupees

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. STOCKS:		
a) Storers and spares	-	-
b) Loose Tools	-	-
c) Publications	-	-
d) Laboratory Chemicals	-	-
e) Building materials	-	-
f) Electrical Materials	-	-
g) Stationery	-	-
h) Water supply materials	-	-
2. SUNDRY DEBTORS		
a) Debts outstanding for a period exceeding six months	24,259,711.50	22,260,630.00
b) Others : 1/164	27,222,687.70	47,859,691.22
3. CASH AND BANK BALANCES		
Cash in hand	10,221.00	4,213.00
Cash at Bank:	-	-
Permenent Imprest A/c	118,000.00	119,000.00
A) With Scheduled Banks:		
In Current Accounts	475,397,420.11	68,968,894.70
In Savings Accounts	12,994,907.00	11,973,412.00
In Deposits Accounts	920,358,089.25	430,081,222.20
In Swift Accounts	-	-
A) With Non Scheduled Banks:		
In Deposits Accounts	-	-
in Savings Accounts		
Other Current Asset (CCE)	75,991.80	-
4. POST OFFICE - SAVINGS ACCOUNTS		
Total	1,460,437,028.36	581,267,063.12

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE : 7 (A) ANNEXURE - CURRENT ASSETS			<i>Amount in Rupees</i>	
PARTICULARS	CURRENT YEAR	PREVIOUS YEAR		
With Scheduled Banks:				
In Current Accounts				
S.B.I. C. A/c. 10023050019	353,174,689.89	35,288,998.11		
SBI IF 5/238	8,934,442.00	6,916,485.00		
SBI DOPS	1,374,793.00	1,375,681.00		
SBI DDF	5,505,253.84	9,721,886.00		
SBI PUF	3,681,410.15	3,009,638.95		
Director SVNIT DASA	11,800,896.67	6,315,917.67		
Director SVNIT Scholarship 37030179760	1,769,393.68	319,234.68		
Director SVNIT Surat (Allahabad)	112,966.00	16,943.00		
SBI MHRD A/c. 36743958767	30,909,463.09	6,004,110.29		
Bank Balance (CCE)	4,455,230.69	-		
Director SVNIT Hostel A/c 37728130270	17,455,789.99	-		
Hostel Admission Fee A/c 35779895100	36,223,091.11	-		
Total	475,397,420.11	68,968,894.70		
In Savings Accounts				
S.B.I. Project.	9,378,863.00	8,456,273.00		
Staff Development fund S.B.A/C	1,958,044.00	1,905,683.00		
Canara Bank 277101028584	1,658,000.00	1,611,456.00		
Total	12,994,907.00	11,973,412.00		
In Deposits Accounts				
Accrued interest on Fixed Deposit	14,972,082.67	-		
S.B.I. - Savings A/c. 30001809063	1,600,097.60	805,701.60		
SBI DST Project (Dr. Rakeshkumar)	102,533.00	99,791.00		
SBI DST project (Dr.H.K.Raval)		-		
SBI DST project (Dr.H.B.Naik)		3,443.00		

SBI DST project (Dr.G.J.Joshi)		779.10
SBI DST project (Rakesh Kumar)		4,509.00
DST Project (Dr.V.Mishra)	-	-
SERB Project (K.N.Pathak)	-	-
DAE & BRNS Project (Dr.H.B.Naik)		1,551.00
Honorium For PHD Thesis Abroad (anara)	11,904,114.96	434,209.56
Ground States Properties of (L.K.Sain)	23,244.00	22,622.00
SREB Project QCD Inspire (Dr.A.K.Rai)		-
Online Fees SBI A/c 33110355913	219,159,782.13	18,269,582.60
SERB Project(LKS)	741.79	721.79
SERB Project (Dr. S. Kumar)		-
MHRD Pedugogy Project (Dr.Shailendra k)		7,079.75
SERB Project (Dr.J. Benerjee)	156,252.00	152,074.00
SERB Project (Dr.Subhan Sahoo)		-
DRDO Project (Dr.Arvind Mungray)		-
Research & ConsultancyA/c SVNIT(SBI 35373382053)	82,520,526.82	47,353,299.89
SVNIT Endowment Fund(Dr. DC Jinwala)	-	-
SBI MOD-SVNIT Endowment Fund	-	-
ARDB (DRDO) project"Stochastic Progressiv failure (Dr. Achechellal)		1,705.00
BRNS Project"dev. Of Surface functionalised(Dr. K.Sureshkumar)(4/205)	-	2,941.25
DRDO Project"investigation on the influence of(Dr. Shailendra KR. MED)(4/203		-
Dr. V L Manekar (4/208)	14,463,495.00	14,076,724.00
SBI MOD A/c. 10023050019		-116,621,275.06
DST 4/199 SBI 38112725974 (Dr. R V Rao)		-
SBI 3/133 (SBI 38085743071 (DR. G.R.VESHMAWALA)		-
SBI 3/142 (SBI 38085738174 (DR. S.N. SHARMA)		48,717.00
SBI 3/144 (SBI 38085742737(DR. TWINKLE SINGH)		-
SBI 3/146 (SBI 38085742329 (DR. J.B. PATEL)	408,191.00	397,276.00
SBI 3/147 (SBI 38085741971 (DR. C.D. MODHERA)	-	-
SBI 3/148 (SBI 38085741596 (DR.V.N.LAD)	25,151.00	24,479.00
SBI 4/161 (SBI 38085741154 (DR. NEERU ADALAKHA)	-	-
SBI 4/182 (SBI 38085740831 (DR. DEBESH ROY)		154,603.50

SBI 4/191 (SBI 38085739847 (DR. J. BANERJEE)			10,480.50
SBI 4/192 (SBI 38085740183 (DR. R.A. CHRISTIAN)	-		-
SBI 4/193 (SBI 38085739326 (DR. RAJENDRA KUMAR)	-		-
SBI 4/195 (SBI 38085711174 (DR. J. BANERJEE)			22,627.00
SBI 4/196 (SBI 38112693316 (DR. K.C. MAHERIA)	2,998.84		116,092.00
SBI 4/200 (SBI 38112824668 (DR. SANJAY PATEL)	225,989.00		6,064.00
SBI 4/201 (SBI 38112847085 (DR. D. R. PATEL)	664,761.10		1,105,946.60
SBI 4/202 (SBI 38112859759 (DR. A. D. DARJI)	323,700.20		41,277.70
SBI 4/204 (SBI 38112863028 (DR. A. K. MUNGRAY)	4,071.28		17,250.00
SBI 4/206 (SBI 38112865752 (DR. ACHHELAL)	-		-
SBI 4/207 (SBI 38112889321 (DR. S. S. ARKATKAR)	38,950.00		111,727.00
SBI 4/209 (SBI 38112892797 (DR. A.D.DARJI)	25,153.00		183,988.00
SBI 4/210 (SBI 38112975005 (DR. SHEETAL KARIA)			-
SBI 4/212 (SBI 38112977716 (DR. SATYAJIT PATEL)	465,720.14		1,130,143.50
SBI 4/213 (SBI 38112979951 (DR. M. A. ZAVERI)	-		-
SBI 4/215 (SBI 38112982262 (DR. SABHA RAJ ARYA)	217,737.50		380,497.50
SBI 4/216 (SBI 38112984791 (DR. C. D. MODHERA)	1,035,952.00		1,008,250.00
SBI 4/217 (SBI 38112777820 (DR. RAJENDRA KUMAR)	81,565.00		79,384.00
SBI 4/220 (SBI 38112800158 (DR. SHWETA SHAH)	-		244,763.00
SBI 4/221 (SBI 38112808782 (DR. YOGESH SONVANE)	107,648.50		96,661.50
SBI 4/222 (SBI 38112811999 (DR. KETAN KUPERKAR)	-		457.00
SBI 4/223 (SBI 38112814989 (DR. A.K. MUNGRAY)	329,308.50		611,598.50
SBI 4/224 (SBI 4/224 38112711246 (DR. J.V. GOHEL)	7,943.50		165,738.50
SBI 4/225 (SBI 38112764254 (DR. S. A. CHANNI WALA)	2,263,295.60		5,252,829.10

SBI 4/226 (SBI 38121270491 (DR. DEBESH ROY)	180,243.50	396,938.50
SBI 4/227 (SBI 38121321211 (DR. DILIP A. PATEL)	12,598.00	28,375.00
SBI 4/228 (SBI 38121306441 (DR. K. SURESH KUMAR)	536,625.80	102,888.30
SBI 4/229 (SBI 38121308030 (DR. UPENA DALAL)		20,047.00
SBI 4/230 (SBI 38121309395 (DR. JYOTI MEGHANI)	381,283.50	1,807,945.50
SBI 4/231 (SBI 3812130719 (DR. P. A. PARIKH)	-	-
SBI 4/232 (SBI 38121340007 (DR. H.B. MEHTA)	38,235.50	349,456.00
SBI 4/234 (SBI 38121317238 (DR. NAVED MALEK)	113,479.80	66.30
SBI 4/236 (SBI 38121318129 (DR. PIYUSH PATEL)	216,502.50	358,623.50
SBI 4/237 (SBI 38121319382 (DR. S. A. CHANNIWALA)	-	22,384,233.70
SBI 4/239 (SBI 38121327406 (DR. P. L. PATEL)	158,831.50	6,916.50
SBI 4/240 (SBI 38121328353 (DR. P. L. PATEL)	1,606,376.00	1,597,635.50
SBI 4/241 (SBI 4/241 38121329094 (DR. P. A. PARIKH)	5,362.00	5,218.00
SBI 4/242 (SBI 38121330065 (DR. SATYAJIT PATEL)	53,340.00	51,913.00
SBI 4/243 (SBI 38121339273 (DR. ALKA MUNGRAY)	120,703.00	62,193.50
SBI 4/244 (SBI 38121337606 (DR. SATYAJIT PATEL)	207,005.00	201,469.00
SBI 35373370477 Endowment Fund	311,883.00	204,482.00
SBI 38458130834 (Dir. SVNIT SERB - DST A/c)	3,003,375.00	1,519,122.00
SBI 38580084691 (Dr. S. A. Channiwala)	4,624,529.10	1,257,732.10
SBI 38580122481 (Dr. Vipul Kheraj)	5,074,715.00	7,268,451.00
FD from college A/c OH- 31	-	50,165,350.00
FD from DASA Fees A/c	9,950,000.00	10,341,752.00
FD from Fees A/c - SBI	316,245,314.00	215,464,779.00
FD from MHRD A/c	101,105,404.00	72,492,487.00
Security Deposit FDR Collected Party	1,034,787.00	1,255,287.00
Security Deposit R & C	6,110,436.92	5,023,922.42
FD from Principal A/c - 9063 :		
Principal SBI FD 39889336826	10,000,000.00	-
Principal SBI FD 39889337285	3,000,000.00	-
FD - Allahabad - 50508035887	-	5,086,203.00
FD - Allahabad - 50508035990	-	5,086,203.00
FD - Allahabad - 50508036074	-	3,051,722.00

FD from Scholarship A/c - 760 :		
Sch. SBI FD 39886248571	1,000,000.00	-
Sch. SBI FD 39886249530	1,000,000.00	-
Sch. SBI FD 39886250045	1,000,000.00	-
Sch. SBI FD 39886250374	1,000,000.00	-
Sch. SBI FD 38817597994	-	1,029,160.00
Sch. SBI FD 38817828312	-	1,029,160.00
Sch. SBI FD 38817829075	-	1,029,160.00
Sch. SBI FD 38817829553	-	1,029,160.00
R. & C. Fixed Deposit (PUF, POH, R&D Fund)	41,536,053.00	44,546,860.00
Hostel FD	59,600,000.00	-
Total	920,358,089.25	430,081,222.20
In Swift Accounts		
Canara Bank	-	-
Total	-	-
With Non Scheduled Banks:		
In Deposits Accounts		
Total	-	-
In Savings Accounts		
Total	-	-
Total	1,408,750,416.36	511,023,528.90

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

SCHEDULE : 8 : LOANS, ADVANCE AND DEPOSITS

Amount in Rupees		
PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. Advances to employees (Non-interest bearing) :		
a) Salary	-	-
b) Festival	-	-
c) Medical Advance	-	-
d) Others	-	-
- Leave Travel Concession	36,000.00	100,000.00
- Temporary Advance to Dr. L. K. Saini	-	-
2. Long Term Advances to employees: (Interest bearing) :		
a) Vehicle Loan	-	-
b) Home Loan	-	-
c) Soft Loan	-	-
3. Advances and other amounts recoverable in cash or in kind or for value to be received :		
a) On Capital Account	-	-
Other Advance (NIT Meghalaya)	863,158.00	863,158.00
Permanent deposit with GEB (New Line)	6,853,047.00	6,853,047.00
P & T Deposits (Telephone)	1,978.00	1,978.00
b) to Suppliers/Firm	-	-
c) Others		
i) Temporary Advance to Department	69,406.00	383,765.00
ii) Patent Attorney Fee	335,936.00	335,936.00
iii) Advance payment to CPWD Baroda	374,875.00	374,875.00
iv) Advance to R & C division	132,150.00	305,216.00
v) EPF Recovery (Labour Commission)	14,862,963.00	14,862,963.00
vi) GST Cash Ledger	40,830.00	30,632.00
vii) GST TDS Receivable R & C	279,712.00	495,969.90
viii) SVNIT R & C	40,200.00	40,200.00
ix) TCS Receivable	39,357.00	39,357.00
x) TDS Receivable	9,350,549.00	9,354,504.00
xi) TDS Receivable 2017-18	15,830,510.00	15,830,510.00
xii) TDS Receivable 2018-19	13,668,686.14	13,668,686.14
xiii) TDS Receivable 2019-20	11,382,077.38	10,958,030.38
xiv) TDS Receivable 2020-21	5,986,730.00	-
xv) CPF/GPF A/c : Balance with Bank & Investment	-	241,078,264.71
xvi) NPS A/c : Balance with Bank A/c	-	2,182,440.20
xvii) Director IIIT-Surat	-	-
xviii) NPS Loan	-	-

xix) FEES COLLECTED AT CSAB	30,000.00	30,000.00
xx) Advance to Balmer Lawrie & Co.	367,735.60	644,010.60
xxi) Amount receivable from Hostel	256,641.00	-
xxii) TDS Receivable CCE	186,790.00	-
d) Advance To CPWD		
i) Advance Payment for SP. Work in Tagore Bhawan 7/56	31,273,744.00	31,273,744.00
iii) Advance Payment for supply and installation work 7/59	8,587,384.00	8,587,384.00
iii) Advance Payment for TIMB Cpwd (Terrace Water Proofing) 7/54	1,848,700.00	1,848,700.00
iv) Advance Payment for refilling inspection and certification 7/58	9,983,984.00	9,983,984.00
v) Advance Payment for repairing student rooms 7/61	7,603,300.00	7,603,300.00
vi) Advance Payment for Replacing 100 mm PVC Line 7/60	48,151,522.00	48,151,522.00
vii) Advance Payment for service & maintenance of 22 KV 7/57	2,962,467.00	2,962,467.00
viii) Advance reconstructing fixing gajjar Bhawan 7/55	4,929,000.00	4,929,000.00
ix) Advance replacement of damaged window Bhabha Bhawan 7/53	3,999,700.00	3,999,700.00
x) Temp. Adv. (CPWD) Renovation for staff club 7/51	9,953,049.00	9,953,049.00
xi) Temp. Adv. (CPWD) Renovation of old A type quarter 7/52	11,578,801.00	11,578,801.00
xii) Construction of 500 Seater Boys' hostel Hefa Ews	35,500,000.00	-
xiii) Development and Other Miscellaneous Work Staff Club	1,200,000.00	-
xiv) Special Repair and Renovation Toilet Block Bhabha	14,300,000.00	-
xv) Terrace Water Proofing Colour Work Raman Bhavan Ews	5,400,000.00	-
4. Prepaid Expenses :		
a) Insurance	-	-
b) Against E Journal	-	-
c) Library AMC Charges	-	-
d) Printed Journal	-	-
5. Deposits :		
a) Telephone	-	-
a) Telephone	-	-
c) Electricity	-	-
d) AICTE	-	-
e) Gas Connection	-	-
f) Gas Cylinder Deposit	768,088.00	768,088.00
6. Income Accrued :	25,000.00	25,000.00
a) On investments from Earmarked / Endowment Fund	-	-
b) On Investment - Others (Interest Receivable on FD) 1/183, 1/179	-	45,708,315.50
c) On Loans and Advances	-	-
d) Others (including income due unrealized)	-	-
7. Other - Current assets receivable from UGC /Sponsored projects :		
a) Debit balances in Sponsored Projects	-	-
b) Debit balances in sponsored Fellowship & Scholarships	-	-
c) Grants receivable	-	-

d) Grants receivable from UGC			
8. Other Current Asset:			
Deferred Revenue Expense			177,000.00
9. Claims receivable :			
TDS 1/195			25,248.00
Total (A)		279,054,070.12	506,008,845.43

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 9- ACADEMIC RECEIPTS

		Amount in Rupees	
FEES FROM STUDENTS		Current Year	Previous Year
Academic			
1. Tuition fee 1/17		245,468,112.00	250,508,156.00
2. Admission fee			
- CCMT M.TECH. ADMISSION			-
- M. SC. 1/323		398,000.00	-177,000.00
- P.G. 1/189		864,000.00	-1,554,120.00
- U.G. (ONE TIME) 1/188		1,734,000.00	-1,671,350.00
- PH. D. (ONE TIME)		412,000.00	-
3. Enrolment fee		-	-
4. Library Admission fee		-	-
5. Workshop & Laboratory fee 1/15			364,000.00
6. Art & Craft fee		-	-
7. Registration fee / Institutional fee		-	-
8. Supplementary Exam fees income 5/88		56,500.00	163,000.00
9. Syllabus fee		-	-
10. College Fees 1/16			7,576,094.73
11. P.G. Course Fees 1/202, 1/321, 1/322		21,205,750.00	42,541,756.00
12. Other Fees P.G. / U.G. 1/186, 1/187		10,739,287.00	4,028,949.00
13. Other Fees P.H.D 1/284		3,324,000.00	2,406,000.00
14. Tuition Fees (PHD) 1/270		10,177,500.00	8,535,000.00
15. Tuition Fees P.D.D.C. 1/18		35,000.00	-
16. Tuition Fees P.G. 1/203		38,009,740.00	2,109,233.00
17. Fees collected at CCB Delhi 1/164			6,863,000.00
Total (A)		332,423,889.00	321,692,718.73

Examinations			
1. Admission test fee	-	-	-
2. Annual Examination fee	-	-	-
3. Mark sheet, certificate fee	-	-	-
4. Entrance fee	-	-	-
Total (B)			
Others Fees			
1. Identity card fee 1/20	75.00		9,200.00
2. Fine/Miscellaneous fee 1/24, 1/33	46,151.00		-467,354.00
3. Medical fee	-		-
4. Transportation fee	-		-
5. Hostel fee - Light & Water charges			17,046,800.00
6. Migration fee 1/43	10,800.00		15,840.00
7. Library Fees 1/19			3,000.00
8. Late Fees 1/21	1,400.00		205,200.00
9. Duplicate Fees 1/23	27,730.00		58,948.00
10. Convocation Fees 5/94	1,684,718.00		773,315.00
11. Sale of Forms for Recruitment (1/27)			1,582,100.00
12. Hostel student activity (Inst. Component)	1,414,300.00		1,014,400.00
13. Hostel Caution Money (Inst. Component)	3,560,000.00		-
14. Hostel Electricity Fee (Inst. Component)	3,956,000.00		-
15. Hostel Seat Rent (Inst. Component)	6,586,488.00		-
13. Transfer Fees 1/29	720.00		-
Total (C)	17,288,382.00		20,241,449.00
Sale of Publications			
1. Sale of Admission forms - M.Tech. Rec. 5/98, 5/93	18,000.00		12,000.00
2. Sale of syllabus and question paper, etc.	-		-
3. Sale of prospectus including admission forms 1/27 (ESTT.)	-		-
Total (D)	18,000.00		12,000.00
Other Academic Receipts			

1. Registration fee for workshops, programmes	-	-
2. Registration fee (Academic Staff College)	-	-
Total (E)	-	-
Grand Total (A+B+C+D+E)	349,730,271.00	341,946,167.73

Note: In case fees like entrance fee, subscription etc. are material and are in nature of capital receipts, such amount should be recognised to the capital fund. Otherwise such fee will appropriately incorporated in this schedule

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 10- GRANTS/SUBSIDIES (IRRECOVERABLE GRANTS RECEIVED)

Amount in Rupees									
Particulars	Current Year				Previous Year				
		MOE		TOTAL PLAN	NON-PLAN (OH-31+ OH-36)	CURRENT YEAR TOTAL	PLAN	NON-PLAN	Total Balance
		PLAN (OH-35)	SPECIFIC SCHEMES						
Balance B/f	-	37,99,94,617.15	-	37,99,94,617.15	2,52,82,161.81	40,52,76,778.96	45,62,89,236.15	-49,80,27,369.24	-4,17,38,133.09
Add: Receipts during the year	-	13,91,75,000.00	-	13,91,75,000.00	1,37,67,60,000.00	1,51,59,35,000.00	1,60,00,000.00	1,45,87,00,000.00	1,47,47,00,000.00
Add: IRG during the year	-	-	-	-	-	-	-	30,05,37,582.61	30,05,37,582.61
Add: Other Additions	-	51,91,69,617.15	-	51,91,69,617.15	1,40,20,42,161.81	1,92,12,11,778.96	96,947.00	-63,77,458.44	-62,80,511.44
Total	-	-	-	-	-	-	47,23,86,183.15	1,25,48,32,754.93	1,72,72,18,938.08
Less: Refund to Ministry	-	-	-	-	-	-	-	-	-
Balance	-	51,91,69,617.15	-	51,91,69,617.15	1,40,20,42,161.81	1,92,12,11,778.96	47,23,86,183.15	1,25,48,32,754.93	1,72,72,18,938.08
Less: Utilized for Capital expenditure (A)	-	12,15,78,013.00	-	12,15,78,013.00	-	12,15,78,013.00	9,23,91,566.00	-	9,23,91,566.00
Balance	-	39,75,91,604.15	-	39,75,91,604.15	1,40,20,42,161.81	1,79,96,33,765.96	37,99,94,617.15	1,25,48,32,754.93	1,63,48,27,372.08
Less: Utilized for Revenue expenditure (B)	-	-	-	-	1,67,46,26,608.32	1,67,46,26,608.32	-	1,22,95,50,593.12	1,22,95,50,593.12
Balance C/f	-	39,75,91,604.15	-	39,75,91,604.15	-27,25,84,446.51	12,50,07,157.64	37,99,94,617.15	2,52,82,161.81	40,52,76,778.96

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

Schedule 11 - INCOME FROM INVESTMENT

Particulars	Amount in Rupees			
	Earmarked/Endowment Funds		Other Investments	
	Current Year	Previous Year	Current Year	Previous Year
1 Interest				
a. On Government Securities	-	-	-	-
b. Other Bonds/Debentures	-	-	-	-
2 Interest on Term Deposits	-	-	24,097,586.00	34,989,378.46
3 Income accrued but not due on Term Deposits/Interest bearing advance to employees	-	-	-	-
4 Interest on Savings Bank Accounts	-	-	-	-
5 Others (Specify)	-	-	-	-
Transferred to Earmarked/Endowment Funds	-	-	24,097,586.00	34,989,378.46
Balance	Nil	Nil		

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 12: INTEREST EARNED

		Amount in Rupees	
	Particulars	Current Year	Previous Year
1	On Savings Accounts with scheduled banks (1/44, 1/45, 1/46, 1/49, 1/336, 1/344, 1/345, 1/346, 1/347) Others	2,480,472.00	2,168,066.00
2	On Loans		
	a. Employees/Staff	-	-
	b. Others	-	-
	Total (C)	-	-
3	On Debtors and Other Receivables	-	-
	Total (D)	-	-
	Grand Total (A+B+C+D)	2,480,472.00	2,168,066.00

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 13- OTHER INCOME

		Amount in Rupees	
A. Income from Land & Buildings		Current Year	Previous Year
1.	Hostel room Rent 1/7, 1/5	11,576,624.00	18,279,060.00
2.	Staff Quarter Rent 1/6	1,904,754.00	1,648,579.00
3.	Canteen Rent 1/10	18,000.00	18,000.00
4.	Post Office Rent 1/8	114,144.00	114,144.00
5.	Rent From Bank (SBI) 1/9	949,032.00	949,032.00
6.	Rent from LIC/ Staff Club/ Public Seminar Hall & Other Institute 1/38		-
7.	Fashion Design & Apperel Tech. Course 1/356	303,750.00	405,000.00
8.	Rent Inst. Of Engg. S.G. Centre	51.00	-
9.	License fee	-	-
10.	Hire Charges of Auditorium/Play ground/Convention Centre, Shop etc.	-	-
11.	Guest House Rent 1/391	2,594,789.00	3,806,053.00
12.	Electricity charges recovered	-	377.00
13.	Light & Water charges recovered	-	-
14.	IIIT Surat towards Infrastructure	5,000,000.00	-
15.	Accommodation Day Scholar various Hostel	264,950.00	-
Total		22,726,094.00	25,220,245.00

B. Sale of Institute's Publications			-
C. Income from holding events			
1. Gross Receipts from annual function/sports carnival			-
Less: Direct expenditure incurred on the annual function/sports carnival			-
2. Gross Receipts from fetes			-
Less: Direct expenditure incurred on the fetes			-
3. Gross Receipts for educational tours			-
Less: Direct expenditure incurred on the tours			-
4. Others (to be specified and separately disclosed)			-
Total			-

D. Others			
1.	Income from consultancy - Misc Receipt R & C	3,374,852.62	-
2.	RTI Fees 1/159	992.00	660.00
3.	Income from Royalty	-	-
4.	Sale of application form (recruitment) - - Sale of Est. Application Forms 1/27	3,000.00	-
5.	Misc. receipts - Sale of Grass, leaves & papers 1/26	113,213.00	51,000.00
6.	Profit on sale/disposal of Assets		
	a) Owned assets	-	-
	b) assets received free of cost	-	-
7.	Others (specify)		
	Misc. Receipts 1/33	293,705.00	1,522,787.75
	Tender Fees 1/28	49,400.00	27,250.00
	Book Bank 1/145	-	3,247.00
	Official car for personal use 1/397	-	-
	Research Project Adjustment	-	-
	Interest on Income Tax Refund	-	915,987.00
	Liquidated damage Recovery	-	33,025.00
	Transport & Freight 1/130	-	12,500.00
	Late delivery	149,713.00	-
	Interest on LTC	7,330.00	-
	Penalty charged from service provider	5,000.00	-
	Student Activity Income A/c	-	-
Total		3,997,205.62	2,566,456.75
Grand Total (A+B+C)		26,723,299.62	27,780,701.75

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 14 - PRIOR PERIOD INCOME

Particulars	Amount in Rupees	
	Current Year	Previous Year
1. Academic Receipts	120,844,336.89	-
2. Income from Investments	-	-
3. Interest earned	-	-
4. Other Income	21,792,062.20	-
Total	142,636,399.09	-

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 15 - STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)

Particulars	Current Year			previous Year		
	Plan	Non Plan		Plan	Non Plan	
		Total	Total		Total	Total
A) Salaries and Wages						
i) Pay of Officer (U.G.) 1/51	-	282,675,212.00	282,675,212.00	-	296,615,216.00	296,615,216.00
ii) Pay of Establishment (U.G.) 1/64	-	27,703,883.00	27,703,883.00	-	27,656,990.00	27,656,990.00
iii) Salary payable of March month	-	39,519,643.00	39,519,643.00	-	-	-
iv) Overload Remuneration 1/62	-	43,000.00	43,000.00	-	657,900.00	657,900.00
v) Provisional Subsistence Allowance 1/384	-	2,448,163.00	2,448,163.00	-	4,292,971.00	4,292,971.00
vi) Recovery of Employees	-	-	-	-	-	-
vii) Temporary Staff Wages (Daily rated) 1/146	-	36,759,053.00	36,759,053.00	-	35,496,010.00	35,496,010.00
viii) Salary of Contractual Employees 1/402	-	42,172,196.00	42,172,196.00	-	44,776,332.00	44,776,332.00
B) Allowances & Bonus						
i) Bonus	-	-	-	-	-	-
ii) Allowances to Officer (U.G.)	-	-	-	-	-	-
1. DA 1/52	-	64,284,266.00	64,284,266.00	-	65,056,581.00	65,056,581.00
2. HRA 1/54	-	27,371,711.00	27,371,711.00	-	22,816,065.00	22,816,065.00
3. CLA 1/55	-	-	-	-	-	-
4. Medical Allowances 1/56	-	-	-	-	-	-
5. Transport Allowances 1/57	-	18,981,126.00	18,981,126.00	-	16,331,885.00	16,331,885.00
6. Non Practice Allowances 1/59	-	167,760.00	167,760.00	-	147,048.00	147,048.00
iii) Allowances to Establishment Staff (U.G.)						
1. DA 1/65	-	-	-	-	-	-
2. HRA 1/67	-	5,106,267.00	5,106,267.00	-	5,074,354.00	5,074,354.00
3. Transport Allowances 1/70	-	2,658,287.00	2,658,287.00	-	2,602,256.00	2,602,256.00
4. Washing Allowances	-	2,967,286.00	2,967,286.00	-	3,014,640.00	3,014,640.00
iv) Payment to Teaching Assistant /Visiting Faculty 1/417	-	-	-	-	-	-
v) Payment of Arrears (Group A Non Teaching, Group B & C) 1/150, 1/151, 1/152	-	27,459,669.00	27,459,669.00	-	38,876,342.00	38,876,342.00
vi) Professional Dev. Allowance 1/359	-	5,732,023.00	5,732,023.00	-	-	-
	-	17,133,631.00	17,133,631.00	-	4,193,360.00	4,193,360.00

C) Contribution to Contributory Provident Fund 1/74	-	-	-	152,750.00	152,750.00
D) Contribution to Other Fund					
i) NPS Contribution 1/192, 1/153	-	-	-	24,323,052.00	24,323,052.00
E) Staff Welfare Expenses 1/331	-	-	31,801,766.00	498,029.00	498,029.00
F) Retirement and Terminal Benefits					
i) Death cum Retirement Gratuity 1/79	-	-	183,945,753.00	9,368,815.00	9,368,815.00
ii) Pension 1/77	-	-	105,396,145.00	104,362,029.00	104,362,029.00
iii) Commuted Pension 1/78	-	-	22,200,359.00	17,220,960.00	17,220,960.00
iv) Leave Encashment (Class 3 & 4 & Officer) 1/81, 1/82, 1/80	-	-	237,568,198.00	10,886,236.00	10,886,236.00
v) Leave Salary Contribution U.G. 1/76	-	-	646,075.00	-	-
vi) TA on Retirement	-	-	188,361.00	-	-
vii) Pension Contribution U.G.	-	-	1,066,849.00	-	-
G) LTC facility					
i) Leave Travel Concession 1/91	-	-	14,796,247.00	1,811,487.00	1,811,487.00
H) Medical facility					
i) Medical Reimbursement 1/114	-	-	7,635,833.00	6,671,193.00	6,671,193.00
I) Children Education Allowances	-	-	4,216,500.00	5,481,000.00	5,481,000.00
J) Honorarium					
- For Internal Staff 1/58	-	-	1,324,833.00	2,001,081.00	2,001,081.00
- For evaluation of Ph.D. Thesys 1/362	-	-	995,323.14	1,371,487.00	1,371,487.00
- For Civil Advisor	-	-	1,300,000.00	-	-
- For visiting Doctors	-	-	800,903.00	-	-
K) Others :					
i) Uniform / Leverages	-	-	-	-	-
Total	-	1,217,066,321.14	1,217,066,321.14	751,756,069.00	751,756,069.00

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
SCHEDULE 15 A - EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

Particulars	Amount in Rupees			
	Pension	Gratuity	Leave Encashment	Total
Opening Balance as on.....	-	-	-	-
Addition : Capitalized value of Contributions received from other Organisations	-	-	-	-
Total (a)	-	-	-	-
Less : Actual payment during the year (b)	-	14,624,484.00	22,014,921.00	-
Balance Available on 31.03.2021..... (a-b)	-	-14,624,484.00	-22,014,921.00	-
Provision required on 31.03.2021..... As per Actuarial Valuation (d)	-	169,321,269.00	215,553,277.00	-
+		183,945,753.00	237,568,198.00	
B. Contribution to New Pension Scheme	-	-	-	-
C. Medical Reimbursement to Retired Employees	-	-	-	-
D. Travel to Hometown on Retirement	-	-	-	-
E. Deposit Linked Insurance Payment	-	-	-	-
Total (A+B+C+D+E)	-	-	-	-

Note:

1. The total (A+B+C+D+E) in this sub schedule will be the figure against Retirement and Terminal Benefits in Schedule 15
2. Items B,C,D & E will be accounted on accrual basis and will include bills preferred but outstanding for payment on 31/3.

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 16- ACADEMIC EXPENSES

Particulars		Current Year				previous Year			Amount in Rupees
		Non Plan		Total	Plan	Non Plan		Total	
		Plan							
a) Laboratories expenses		-	-	-	-	-	-	-	-
b) Field work/Conference Programme Income		-	2,000.00	2,000.00	-	-	-	-	-
c) Expenses on Seminars/workshops 1/132		-	100,783.00	100,783.00	-	198,307.00	-	198,307.00	-
d) Payment to visiting faculty		-	-	-	-	-	-	-	-
e) Examination		-	-	-	-	-	-	-	-
f) Students Welfare expenses - Student internship		-	-	-	-	-	-	-	-
g) Admission expenses - Ph.d.		-	-	-	-	-	-	-	-
h) Convocation expenses		-	-	-	-	-	-	-	-
i) Publications		-	-	-	-	-	-	-	-
j) Stipend/Merits-cum-Merit Scholarship		-	-	-	-	-	-	-	-
k) Subscription expenses (Library Operating Cost) 1/156		-	14,065,403.00	14,065,403.00	-	12,485,784.00	-	12,485,784.00	-
l) Contingency/Scholarship to P.G. Course (M.Tech & Ph.D.) (Note 1)		-	211,808,932.00	211,808,932.00	-	197,357,044.00	-	197,357,044.00	-
Total		-	225,977,118.00	225,977,118.00		210,041,135.00		210,041,135.00	

Note No. 1

Contingency/Scholarship to P.G. Course (M.Tech & Ph.D.)	Code	Current Year			Total	previous Year		
		Plan	Non Plan	Total		Plan	Non Plan	Total
Environment Engg.	1/249	-	-	-	-	-	163,115	163,115.00
Turbo Engg.	1/252	-	21,685	21,685	21,685	-	112,002	112,002.00
Structure Engg.	1/256	-	5,000	5,000	5,000	-	94,236	94,236.00
Mech. General	1/265	-	-	-	-	-	93,457	93,457.00
Soil Mech. & Found Engg.	1/268	-	-15,482	-15,482	-15,482	-	200,176	200,176.00
M.Tech. Chemical	1/290	-	-2,698	-2,698	-2,698	-	33,771	33,771.00
M.Tech. Industrial Electro.	1/293	-	18,980	18,980	18,980	-	51,671	51,671.00
M.Tech. Communication	1/299	-	23,595	23,595	23,595	-	61,744	61,744.00
M.Tech. Comp. Engg.	1/302	-	-	-	-	-	33,087	33,087.00
Town & Regional Planning - Contingency	1/302	-	-17,945	-17,945	-17,945	-	121,240	121,240.00
M.Tech. Water Res. Engg.	1/296	-	-	-	-	-	48,772	48,772.00
M.Tech. (Thermal System Design)	1/365	-	22,436	22,436	22,436	-	99,097	99,097.00
M.Tech. (Transportation Engg. & Planning)	1/366	-	-	-	-	-	88,021	88,021.00
M.Tech. (CAD/CAM)	1/367	-	8,630	8,630	8,630	-	130,452	130,452.00
Ins. Summer Research Fellowship	1/369	-	-	-	-	-	265,166	265,166.00
M.Tech. (Power System)	1/373	-	-23,655	-23,655	-23,655	-	100,934	100,934.00
M.Tech. (VLSI & Embedded System)	1/375	-	-9,540	-9,540	-9,540	-	97,632	97,632.00
Environment Engg. Scholarship	1/248	-	5,464,394	5,464,394	5,464,394	-	5,786,038	5,786,038.00
Turbo Engg. Scholarship	1/251	-	4,466,075	4,466,075	4,466,075	-	4,682,325	4,682,325.00
Structure Engg. Scholarship	1/255	-	4,908,927	4,908,927	4,908,927	-	5,075,670	5,075,670.00
Mech. General	1/264	-	4,770,073	4,770,073	4,770,073	-	4,107,747	4,107,747.00
Soil Mech. & Found. Engg.	1/267	-	5,193,994	5,193,994	5,193,994	-	5,216,853	5,216,853.00
Town and Reg. Planning - Scholarship	1/273	-	4,991,034	4,991,034	4,991,034	-	5,232,515	5,232,515.00
M.Tech. Chemical Engg.	1/289	-	2,421,863	2,421,863	2,421,863	-	3,416,346	3,416,346.00
M.Tech. Industrial Electronics	1/292	-	5,315,192	5,315,192	5,315,192	-	3,825,551	3,825,551.00
M.Tech. (Water Res. Engg.)	1/295	-	5,537,460	5,537,460	5,537,460	-	5,806,456	5,806,456.00
M.Tech. (Communication System)	1/298	-	3,768,928	3,768,928	3,768,928	-	3,801,184	3,801,184.00
M.Tech. (Computer Engg.)	1/301	-	3,385,567	3,385,567	3,385,567	-	3,108,070	3,108,070.00
M.Tech. (Thermal System Design)	1/340	-	4,935,460	4,935,460	4,935,460	-	4,596,839	4,596,839.00
M.Tech. (Transportation Engg. & Planning)	1/348	-	5,150,307	5,150,307	5,150,307	-	5,403,587	5,403,587.00
M.Tech. (CAD/CAM)	1/364	-	4,843,993	4,843,993	4,843,993	-	5,005,467	5,005,467.00
M.Tech. (Power System)	1/372	-	5,249,859	5,249,859	5,249,859	-	4,454,362	4,454,362.00
M.Tech. (VLSI & Embedded System)	1/374	-	2,999,993	2,999,993	2,999,993	-	3,470,479	3,470,479.00
M.Tech. Mfg. (Scholarship)	1/377	-	4,673,193	4,673,193	4,673,193	-	4,359,102	4,359,102.00
M.Tech. Mfg. (Contingency)	1/378	-	15,704	15,704	15,704	-	98,212	98,212.00
Ph.D. All Department	1/285	-	3,006,659	3,006,659	3,006,659	-	5,229,791	5,229,791.00
Scholarship to Ph.D. Research Course	1/280	-	127,209,264	127,209,264	127,209,264	-	112,885,877	112,885,877.00
Scholarship M. Tech (Construction Technology & Man)	1/370	-	1,696,794	1,696,794	1,696,794	-	-	-
Scholarship M. Tech (Instrumentation & Control)	1/379	-	1,773,193	1,773,193	1,773,193	-	-	-
Total			211,808,932	211,808,932	211,808,932		197,357,044.00	197,357,044.00

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
SCHEDULE 17 - ADMINISTRATIVE AND GENERAL EXPENSES

	Current Year			Previous Year			Amount in Rupees
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
A. Infrastructure							
a) Electricity 1/157	-	19,143,761.00	19,143,761.00	-	29,723,527.00	29,723,527.00	
b) Water Charges 1/108	-	6,937,891.00	6,937,891.00	-	8,838,766.00	8,838,766.00	
c) Insurance	-	-	-	-	-	-	
d) Rent, Rates Taxes (including Property Tax)	-	5,286,317.00	5,286,317.00	-	5,273,354.00	5,273,354.00	
B. Communication							
e) Postage and Stationery 1/113	-	118,653.00	118,653.00	-	240,964.00	240,964.00	
f) Telephone, Fax and Internet Charges 1/335	-	4,510,914.00	4,510,914.00	-	3,041,184.00	3,041,184.00	
C. Others							
g) Priviling and Stationery 1/110	-	1,046,403.00	1,046,403.00	-	1,938,580.00	1,938,580.00	
h) Travelling and Conveyance Expenses 1/83	-	3,070,570.00	3,070,570.00	-	8,056,228.00	8,056,228.00	
i) Hospitality	-	-	-	-	-	-	
j) Auditors Remuneration 1/116	-	295,000.00	295,000.00	-	1,362,500.00	1,362,500.00	
k) Professional Charges - Legal fee 1/117	-	1,413,000.00	1,413,000.00	-	2,238,872.00	2,238,872.00	
l) Advertisement and Publicity 1/111	-	1,372,099.00	1,372,099.00	-	1,397,847.00	1,397,847.00	
m) Magazines & Journals - News paper	-	-	-	-	-	-	
n) GST Penalty	-	-	-	-	-	-	
o) Departmental Operating Cost (Refer Note	-	1,771,567.00	1,771,567.00	-	3,866,676.00	3,866,676.00	
p) Misc. Contingencies 1/148	-	1,291,017.00	1,291,017.00	-	1,177,935.00	1,177,935.00	
q) FD Premature Charges	-	70,051.03	70,051.03	-	-	-	
r) Entertainment & Refreshment Expense 1/1	-	526,016.00	526,016.00	-	818,572.00	818,572.00	
s) Physical Educ. & Gymkhana 1/398, 1/135	-	72,305.00	72,305.00	-	589,517.00	589,517.00	
t) Security Service Charges 1/138	-	43,380,038.00	43,380,038.00	-	29,226,766.00	29,226,766.00	
u) Rent Paid NIT Transit House	-	350,000.00	350,000.00	-	-	-	
v) NCC & NSS Activity 1/134	-	85,542.00	85,542.00	-	214,248.00	214,248.00	
w) Interest Penalty of Delay Deposit of Incom	-	-	-	-	1,271,120.20	1,271,120.20	
x) Late Payment Interest on GST & TDS	-	4,276.00	4,276.00	-	-	-	
y) Patent Attorney Fee 1/380	-	-	-	-	-	-	
z) IGNS 2018 Exp.	-	-	-	-	-	-	
aa) Lubricant Inst. Transport system 1/359	-	20,000.00	20,000.00	-	533,730.00	533,730.00	
ab) Misc. Exp. Inst. Transport System 1/396	-	189,156.00	189,156.00	-	15,947.00	15,947.00	
ac) Rent of Ambulance	-	-	-	-	-	-	
ad) Round Off Exp.	-	-	-	-	-	-	
ae) CPDA Project Fund (H.B. Naik)	-	-	-	-	-	-	
af) Centage Charges 2/120	-	-	-	-	165,384.00	165,384.00	
ag) Housekeeping & Sanitation Charges 1/40	-	30,358,156.00	30,358,156.00	-	30,115,773.00	30,115,773.00	
ah) Medicine & Dispensary expenses 1/115	-	487,399.00	487,399.00	-	337,490.00	337,490.00	
ai) Institutional Overhead Charges	-	-	-	-	-	-	
aj) Provisional Expense (Security, Housekeepi	-	-	-	-	-	-	
ak) Accreditation Fee 2/199	-	177,000.00	177,000.00	-	6,430,250.00	6,430,250.00	
al) Ek Bharat Shreshtha Bharat (EBSB) 1/415	-	-	-	-	203,029.00	203,029.00	
am) TA to Candidates	-	46,904.00	46,904.00	-	-	-	
an) Other Expenses	-	-	-	-	-	-	
ao) Discount R&C	-	1,227.18	1,227.18	-	-	-	
ap) GST Expense R&C	-	95,813.47	95,813.47	-	-	-	
aq) Medical Fund Expense	-	354,000.00	354,000.00	-	-	-	
ar) Travel Grant Expense	-	471,655.00	471,655.00	-	-	-	
as) Patent Attorney Fee	-	213,320.00	213,320.00	-	-	-	
at) Bank charges	-	437,079.51	437,079.51	-	-	-	
TOTAL	-	123,597,130.19	123,597,130.19	-	137,078,259.20	137,078,259.20	

Note No 1:	Departmental Operating Cost UG	Current Year		Previous Year	
		Plan	Non-Plan	Plan	Non-Plan
			Total		Total
Departmental Operating Cost UG					
Civil 1/96		-	58,279.00	-	232,965.00
Applied Mechanical Engg. Deptt. 1/97		-	-	-	179,137.00
Electrical Engg. Deptt. 1/98		-	42,153.00	-	173,547.00
Electronic Engg. Deptt. 1/99		-	150,363.00	-	208,502.00
Computer Center 1/100		-	28,055.00	-	12,152.00
Mechanical Engg. Deptt. 1/101		-	245,977.00	-	174,627.00
Work shop 1/102		-	97,203.00	-	254,778.00
Physics 1/103		-	71,064.00	-	131,544.00
Chemistry 1/104		-	88,167.00	-	604,841.00
Maths 1/105		-	50,629.00	-	80,974.00
Chemicals 1/106		-	125,086.00	-	130,971.00
Computer Deptt. 1/107		-	147,932.00	-	279,679.00
T & P 1/283		-	31,418.00	-	322,127.00
Departmental Operating Cost PG					
Mechanical Engg. Deptt. 1/324		-	195,264.00	-	82,260.00
Electrical Engg. Deptt. 1/325		-	48,826.00	-	13,539.00
Computer Engg. Deptt. 1/326		-	19,984.00	-	8,317.00
Electronic Engg. Deptt. 1/327		-	49,981.00	-	12,700.00
Applied Mechanical Engg. Deptt. 1/328		-	-	-	72,183.00
Civil 1/329		-	145,583.00	-	203,420.00
Chemicals 1/330		-	15,062.00	-	49,075.00
Applied Physics Deptt. 1/332		-	60,544.00	-	200,000.00
M. Sc. (Chemistry) 1/333		-	99,997.00	-	439,338.00
M. Sc. (Mathematics)		-	-	-	-
Total		-	1,771,567.00	-	3,866,676.00

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 18 - TRANSPORTATION EXPENSES

Particulars	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
1. Vehicles (owned by Institution)	-	-	-	-	-	-
a) Running Expenses	-	-	-	-	-	-
b) Running Expenses	-	-	-	-	-	-
c) Insurance Expenses	-	-	-	-	-	-
2. Vehicles taken by Rent/Lease	-	-	-	-	-	-
a) Rent/Lease Expenses	-	-	-	-	-	-
3. Vehicle (Taxi) hiring Expenses	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

Amount in Rupees

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 19 - REPAIRS & MAINTENANCE

Particulars	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
a) Buildings 1/92	-	11,866,364.00	11,866,364.00	-	7,818,889.00	7,818,889.00
b) Furniture & Fixtures 1/124	-	373,483.00	373,483.00	-	42,358.00	42,358.00
c) Plant & Machinery	-	-	-	-	-	-
d) Office Machine 1/127	-	4,494,204.00	4,494,204.00	-	4,837,098.00	4,837,098.00
e) Computers 1/122	-	8,721,993.00	8,721,993.00	-	9,888,936.00	9,888,936.00
f) Laboratory & Scientific Equipment	-	-	-	-	-	-
g) Audio Visual Equipment	-	-	-	-	-	-
h) Cleaning Materials & Casual work	-	-	-	-	-	-
i) Book Binding Charges	-	-	-	-	-	-
j) Gardening 1/128	-	1,158,332.00	1,158,332.00	-	874,108.00	874,108.00
k) Estate Maintenance (Electrical)	-	-	-	-	-	-
l) Air Conditioner 1/123	-	2,029,638.00	2,029,638.00	-	1,708,050.00	1,708,050.00
m) D G Set 1/126	-	812,456.00	812,456.00	-	1,423,748.00	1,423,748.00
n) Water Supply & Drainage 1/95	-	2,432,026.00	2,432,026.00	-	2,812,456.00	2,812,456.00
o) Gas & Pipe Line 1/129	-	46,080.00	46,080.00	-	89,352.00	89,352.00
p) Vehicle 1/119, 1/120	-	74,104.00	74,104.00	-	69,638.00	69,638.00
q) Maintenance charges of SVP Bhavan Guest House 1/392	-	4,497,216.00	4,497,216.00	-	3,473,920.00	3,473,920.00
r) Electric & Telephone 1/125	-	11,209,019.00	11,209,019.00	-	4,909,479.00	4,909,479.00
s) M & R Roads	-	50,026.00	50,026.00	-	-	-
TOTAL	-	47,764,941.00	47,764,941.00	-	37,948,032.00	37,948,032.00

Amount in Rupees

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 20 - FINANCE COSTS

Particulars	Current Year			Previous Year	
	Plan	Non-Plan	Total	Plan	Non-Plan
					Total
a) Bank Charges	-	-	-	-	19,468.92
b) Others	-	-	-	-	-
TOTAL	-	-	-	-	19,468.92

Amount in Rupees

Note:

If the amount is not material, the head Bank Charges could be omitted and these could be accounted as Administrative expenses in Schedule-17.

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 21 - OTHER EXPENSES

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
a) Provision for Bad and Doubtful Debts/Advances	-	-	-	-	-	-
b) Irrecoverable Balances/Written-off	-	-	-	-	-	-
c) Grants to Kendriya Vidyalaya	-	-	-	-	-	-
d) Salaries to NITS-KIDS staff	-	-	-	-	-	-
TOTAL		-	-		-	-

Note:

Other expenses shall be classified as writes-off, provisions, miscellaneous expenses, loss on sale of investments, loss of fixed assets and loss on sale of fixed assets etc and disclose accordingly.

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 22 - PRIOR PERIOD EXPENSES

Particulars	Current Year			Previous Year		
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
1) Establishment Expenses	-	14,82,528.00	14,82,528.00	-	-	-
2) Academic Expenses	-	11,41,827.43	11,41,827.43	-	-	-
3) Administrative Expenses	-	37,87,290.30	37,87,290.30	-	-	-
4) Transportation Expenses	-	-	-	-	-	-
5) Repair & Maintenance	-	-	-	-	-	-
6) Others	-	5,38,09,452.26	5,38,09,452.26	-	-	-
TOTAL	-	6,02,21,097.99	6,02,21,097.99	-	-	-

Amount in Rupees

SCHEDULE-23

SIGNIFICANT ACCOUNTING POLICY (F.Y.2020-21)

1. BASIS OF PREPARATION OF ACCOUNTS

The accounts are prepared under Hybrid method of accounting.

2. REVENUE RECOGNITION

- 2.1** Fees from students, sale of admission forms, and interest on saving bank account are accounted on realization basis. The tuition fee is collected on semester basis commencing from July to June. Interest on Investment, Income from land, Building and other properties etc., are accounted on accrual basis.

3. FIXED ASSETS AND DEPRICIATION

- 3.1** Fixed Assets are stated at cost of acquisition including inward freight, duties and taxes, incidental and direct expenses related to acquisition, installation and commissioning.
- 3.2** Fixed assets acquired during the year either received by way of non-monetary grants/ monetary grants have been capitalized at values stated by corresponding credit to capital fund.
- 3.3** Assets created out of sponsored projects, where the ownership of such assets vests in the Institution are set up by credit to Capital Fund and merged with the Fixed Assets of the Institute. Such Assets are separately disclosed in "Notes on Accounts" and same has been shown in schedule-4B of balance sheet.
- 3.4** During the year, Institute have purchased an equipment worth Rs. 59,06,367/- out Department Development Fund which is shown in Schedule-4B of Balance Sheet under the head Equipment.
- 3.5** Fixed assets are valued at cost less accumulated depreciation under different blocks. Deprecation is provided up to F.Y.2016-17 on the basis of Written Down value method and rate of deprecation as per Income Tax Rule, 1962. From F.Y.2017-18 onwards depreciation is charged on straight line method as per prescribed rates by MOE in Format of Financial Statements for Central Higher Educational Institutions .

3.6 During the current F.Y.2020-21 depreciation are provided as per MHRD rates as under: -

Tangible Assets		
Sr.No.	Type of Assets	Percentage
1	Land	0
2	Site Development	0
3	Building	2
4	Roads and Bridges	2
5	Tube well and water supply	2
6	Sewerage & Drainage	2
7	Electrical Installation and Equipment	5
8	Plant & Machinery	5
9	Scientific & laboratory Equipment	8
10	Office Equipment	7.5
11	Audio Visual Equipment	7.5
12	Computer & Peripherals	20
13	Furniture & Fixture	7.5
14	Vehicle	10
15	Library Books and Scientific Journals	10
Intangible Assets(Amortization)		
1	E-Journals	40
2	Computer Software	40
3	Patents & Copyrights	9 Years

As the date of acquisition of old assets are not available, we have considered assets value as on 1st April,2017 for the purpose of depreciation and provide Deprecation as per MHRD Rates.

Note: Institute have started charging of depreciation on Equipment as per MHRD prescribed rates for different types of equipment like Electrical Installation, Plant & Machinery, Scientific & Laboratory Equipment, Office Equipment and Audio Visual Equipment for the equipment's acquired during the year, however they have charged depreciation on a blanket rate of 8% on the equipment acquired prior to 01.04.2020, treating the same Scientific and Laboratory Equipment.

3.7 Intangible Assets: E-Journals/ E-books and Computer Software are grouped under Intangible Assets.

4. STOCKS:

Expenditure on the purchase of chemicals, glassware, stationery and other stores is accounted as Revenue expenditure.

5. RETIREMENT BENEFITS:

Employee Gratuity, leave encashment are accounted on Actuaries basis for the first time in this financial year. Retirement benefits (i.e. Gratuity, leave encashment) have been ascertained by the actuaries & necessary provision been made by the Institute during this year. Provision of Rs.16,93,21,269/- for Gratuity as on 31.03.2021 & Provision of Rs.21,55,53,277/- for Leave Encashment has been made as per Actuaries valuation report as on 31.03.2021.

6. INVESTMENTS:

Investments are stated at cost and the same is disclosed in details as per the standard format.

7. EARMARKED/ENDOWMENT FUNDS:

Institute Fund (Dir. Discretionary fund), Department Development Fund, and Medal & SCHOLARSHIP FUND & Alumni Fund are under EARMARKED/ENDOWMENT fund. The Income from investments is created on an accrual basis to the respective funds. The Expenditure is debited to the fund. The assets created out of earmarked fund where the ownership vests in the institution, are merged with the assets of the institution. The balance in the respective funds is carried forward and is represented on the assets side by the balance at bank, Investments and accrued interest.

- 7.1 Endowment fund (Donations) are received from various individual donors, Trusts and other organization for distributing medal, prizes and scholarship to students as specified by the donors. The Income from Investment of each Endowment fund is added to the respective fund. The Expenditure on Medals & Prizes is met from Interest earned on the investment of the respective Endowment fund and balance is carried forward. The balance is represented by investment in Fixed Deposit and Saving Bank account and Accrued Interest on Fixed Deposits.

8. GOVERNMENT GRANTS(MHRD)

- 8.1 Government Grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31st March and the Grant is actually received in subsequent financial year, that grant is accounted on receipt basis.
- 8.2 Grants received under OH-35 have been utilized towards construction of building, creation of capital assets and advance given for construction of building, creation of capital assets. Grants received under OH-31 have been utilized for general expenditures, scholarship and fellowship to students, & pensions and grants received under OH-36 has been utilized towards salary, Medical expenses, LTC, CPDA and Retirement benefits.
- 8.3 During the year, the Institute has received Government grants amounting to Rs.13.91 Crores for Capital Expenditure (OH-35). Out of which Rs. 8.95 Crores has been received under Grant of HEFA (EWS) for construction of 500 Seater Boy's Hostel.

- 8.4 Government grants for meeting Revenue Expenditure under the head (OH-31 & OH-36) are treated as income for the year in which they are released/ received by the Institute. During the F.Y. 2020-21, Institute has received Rs. 66.26 Crores under OH-31 and Rs. 71.41 under OH-36.

9. INVESTMENT OF EARMARKED FUNDS AND INTEREST INCOME ACCRUED ON SUCH INVESTMENTS:

To the Extent not required immediately for Expenditure, the amount available against such funds is invested in short/long term Deposit in Scheduled Nationalized banks and leaving in saving bank account. Interest received, interest accrued and due interest accrued but not due on such investment are added to the respective funds and not treated as income of the institute.

10. SPONSORED PROJECTS

- 10.1 In respect of ongoing sponsored projects, the amount received from sponsors are created to the head "Current Liabilities and Other Current liabilities receipts (sponsored projects). As and when expenditure is incurred/advance are paid, such projects or the concerned project head is debited with allocated overhead charges, concerned project bank account is credited.
- 10.2 In addition to this, For the Junior Research Fellowships (JRF & SRF), Fellowships and Scholarship are also sponsored by various organizations. These are accounted in the same way as sponsored project except that the expenditure generally is only on disbursement of Fellowship and scholarships, which may include allowances for contingent expenditure by the Fellows and scholars.
- 10.3 The Institution awards Fellowships and scholarship to under graduate and post graduate students which are accounted as Academic expenses

11. CAPITAL COMMITMENTS

Estimated value of contracts to be executed towards capital expenditure of Rs. 57.02 Crores as on 31.03.2021, out of which Rs. 19.73 Crores paid as advance to CPWD, Vadodara.

12. INCOME TAX

The Income of the Institution is exempt from Income Tax under Section 10(23C) (iii ab) of the Income Tax Act, 1961. No Provision for Tax is therefore made in the accounts.

SCHEDULE-24

CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS (F.Y.2020-21)

A. 1. CONTINGENT LIABILITIES:

- 1.1. There were no disputed demands in respect of income tax, sales tax, goods and service tax, municipal taxes, etc. as at the end of the year.
- 1.2 As on 31.03.2021 Rs.1,48,62,963/- EPF amount paid or taken by the PF Commissioner, Surat, the matter is disputed at Honorable Court. The amount are paid by the Institute as on 19.09.2014 vide order No.GJ/RO/SRT/13323/COMPLAIN/8F/1371 DT.18.09.2014.

B. NOTES ON ACCOUNTS

2. FIXED ASSETS

- 2.1 Addition during the year in Fixed Assets in schedule includes assets purchased out of Plan Fund (OH-35) Rs. 5.41 Crores by the Institute. Further, Rs. 1.10 Crores have been paid and the same has been booked under Capital Work in Progress.
- 2.2 During the year under audit Institute have transferred assets valuing Rs. 1,95,89,314/- out of Closed Sponsored Project.

3. INVENTORIES VALUATION:

Expenditure on purchase of chemicals, glassware, publications, stationery, and other stores is accounted as revenue expenditure.

4. DEPOSIT LIABILITIES

Institute use to collect deposits from Students as well from various vendors and have booked under the head Current Liabilities.

5. EXPENDITURE IN FOREIGN CURRENCY:

During the year, Rs. 105.45 Lakhs paid on account of Honorarium for Evaluation of PH.D., Foreign Travelling Expenses and Library Operating Cost and Rs. 365.11 Lakhs towards capital expenditure which are paid in foreign currency

6. CURRENT ASSETS, LOANS, ADVANCES AND DEPOSITS

In the opinion of the management, the current assets, loans and deposits have valued on realization in the ordinary course, equal at least to the aggregate amount shown in the balance sheet.

- a. The details of balance in saving account and fixed deposit account with banks are enclosed as per schedule "7(A)".
- b. Previous year figures have been regrouped/re arranged wherever necessary.
- c. Schedule 1 to 24 are annexed to and form integral part of the balance sheet at 31st March, 2021 and the Income & Expenditure account for the year ended on that date.
- d. As the provident fund Account and new pension scheme Account are owned by the members of that fund and not by the Institute, these accounts were separated from the Institute account. A Receipt and payment account and Income and Expenditure account and balance sheet of the Provident fund account as well as the New Pension Scheme for the year are attached, with the institute accounts.

7. WORK IN PROGRESS:

During the year under audit Rs. 1.10 Crores have been paid and the same has been booked under Capital Work in Progress.

8. TUITION FEES:

Tuition Fees is collected on semester basis and accounted as per semester basis even though the period is spread over to two financial years.

9. Others

- a) Previous year figure re-casted, re-arranged and re-grouped wherever necessary in conformity with current year presentation.

- b) Tuition fees exemption has been extended to all SC/ST students along with other benefits. Hence, Tuition fees accounted on semester basis and other benefits such as lap top, book allowance, Mess allowance are on claim basis.
- c) Service Tax Return for the first quarter for FY 2017-18 as applicable not filed by the Institute. Further, the payment of service tax amounting to Rs.2,97,561 is due to the Government.
- d) During the year, it is observed that in the invoice of M/s/ L.L. Electricals, GST-TDS has not been deducted.
- e) The huge amount lying in the Security Deposit and EMD account are collected from vendor are since long, which we recommend to the Institute to either pay back or booked as Income.
- f) Interest on Fixed Deposit is taken as per the details provided by the bank.
- g) TDS receivable for F.Y.2020-21 of Institute are not reconciled with 26AS.
- h) The inter-reconciliation between the Account Section and R&C Section regarding the inter fund transfer is un-reconciled.
- i) Details of the given below account are not available with the Institute

Sr. No.	Name of the account	Amount (Rs.)
1.	Donation	2,50,692/-
4.	SD Consultancy	16,07,939/-
5.	TDS Consultancy	2,06,29,824/-

- j) The Physical Verification of Fixed Assets are under process and R&C Division of the Institute have carried out the same.
- k) Sundry Debtors amounting to Rs. 2.35 Crores are outstanding for more than 365 days as on 31.03.2021.
- l) As per the resolution of the BOG of the Institute, certain percentage of fees collected every year needs to be transferred to Corpus Fund, however the same was not transferred to the said Fund by Institute since 2013-14 to 2018-19. During this year, Corpus fund was separately shown from Capital fund in Annual A/c in 2020-21. The Transfer entry of **Rs.9, 40,74,170/-** through journal entry was passed during this year on basis of submitted Note 03.03.2020. In addition to this, during the year, Institute have transferred Rs.2,23,31,337/- to Corpus Fund out of the fees collected in F.Y. 2020-21. In F.Y 2020-21, Further, they have

also transferred Rs. 23,57,290/- from Admission fees (Lying in the liability side of the Balance sheet since long), Rs. 8,31,742/- from Donation A/c. The interest on corpus fund is of Rs.2,20,38,740.67 has been transferred to corpus fund.

- m) Schedule No. 2A,18 and 21 are not applicable to Institute.
- n) During the year, Rs. 33.03 Lakh paid to Director of the Institute Prof. Shailesh Gandhi as pay, allowances & other income (i.e. Consultancy by Professor) being Key Managerial Personnel (KMP).
- o) During the financial year Institute have reconciled the Current Account No. 10023050019 with State Bank of India by giving effect in books of accounts. Details as under

Particulars	Amount reflected in Bank Statement but not in Bank Book		Amount reflected in Bank Book but not in Bank Statement	
Financial Year	Debit (A)	Credit (B)	Debit (C)	Credit (D)
12-13	-	2,297,214.00	25,161.52	90,167.00
13-14	1,013,755.00	54,928,343.00	28,156,985.00	2,331,828.00
14-15	5,099,742.00	73,561,095.13	27,058,494.00	3,975,997.00
15-16	36,844,684.68	112,043,719.76	89,708,113.40	43,387,585.00
16-17	995,251.28	79,815,167.00	66,804,663.00	9,123,986.25
17-18	159,965.27	10,689,962.60	2,386,866.00	151,283.77
18-19	-		47,000.00	-
19-20	-		1,156,154.60	599,178.00
Grand Total	44,113,398.23	333,335,501.49	215,343,437.52	59,660,025.02
Opening Bank Balance as on 01.04.2019 in Books of Account				(81,332,276.95)
Net Effect of all year entries (B+D-A-C)				133,538,690.76
Closing Balance as on 31.03.2020				52,206,413.81

The final effect of Bank Reconciliation in books of accounts are as under

Sr.No.	Particulars	Amount	Remarks
1	Prior period income	13,73,97,025.09	Income & expenditure A/c Balance sheet
2	Prior period expenses	35,32,456.73	
3	Current Liability	9,53,088.00	
4	Fixed Asset	7,03,489.00	

- p) During the year under audit, there were several entries lying in Balance Sheet since so many years which are transferred to Prior Period Income/ Expenditure.

Details of the same are as follow: -

Sr. No.	Particulars	Amount (Rs.)	Transferred to Account
1.	Fees payable to Students for F.Y. 2018-19	30,36,000	Prior period Income
2.	Research Project Adjustment A/c	5,44,075.00	
3.	Late Payment Interest-ST	40,055.00	
4.	National conf. On sutrim july-11 G J Joshi	38,785.00	
5.	Printing Charges Towards Workshop Proceeding (S.M.Yadav)	2,500.00	
6.	International conference of ind. Engineering (dr. Ravikant	1,644.00	
7.	R&D Project: Variable Speed Wind Energy Conversion Syste	50,000.00	
8.	Sae activities in "sae'svnit collegiate chapter"	1,31,181.00	
9.	Sttp "Fundamentals And Special Topics In Fluid Mecchanic	3,109.00	
10.	Sttp On "One Week Snhort Term Course On "Finite Element	23,500.00	
11.	Training Programme/Conference on Manufacturing	4,67,531.00	
12.	Training programme for nial	6,000.00	
13.	Two week self-finance	20,435.00	
14.	Training programme for l&t mhi boilers pvt.ltd.	8,74,559.00	

Sr. No.	Particulars	Amount (Rs.)	Transferred to Account
1.	Accrued Interest	4,57,08,315.50	Prior Period Expense
2.	Other Deposit/ Students	6,03,587.00	
3.	Testing and Consultancy Service (R&C)	1,03,76,738.76	

- q) The institute used to book Bank Balance in CPF/GPF Account and Bank balance in NPS A/c under the head Advances and other amount recoverable in cash or in kind in Schedule 8 of Balance Sheet whereas the corresponding effect was given under the head Deferred Credit Liability and CPF/GPF A/c under the head Current Liabilities and Provisions in Schedule 3 of Balance Sheet till F.Y. 2019-20 but the same has not been reflected in F.Y. 20-21. The same has been done on the basis of approval by competent authority.
- r) During the F.Y., Institute have transferred Rs.23.57 Lakhs from Admission Fees PGC, Admission Fees (One Time), Admission Fees MSC, Spot Admission Fees to Institute Corpus Fund A/c. As these balances were lying in the Capital Account since long. The same has been done on the basis of approval by competent authority.
- s) The interest of Rs. 10.12 Lakh earned on Fixed Deposit created out of Alumini Fund have been booked and accounted in the same fund, however up to F.Y. 2019-20, it was treated as Income of the Institute and credited to Income & Expenditure Account.
- t) During the year, Institute has transferred Rs.11.02 Lakhs from the head Other Payable to Medal and Scholarship Fund to reconcile the balance lying in FDR created out of this Fund.
- u) During the year, the institute have booked various unidentified entries amounting to Rs. 71.53 Lakhs under the head Misc. Receipt (Liability) as the amount got deposited and debited in Bank Statements but the actual source of entry is unavailable with the Institute.
- v) During the year, Institute have collected Rs.11,49,413 towards Donation for Covid-19 from salary of various staff members, however only Rs. 11,44,048 have been paid to Covid-19 Relief Fund (PM Care Fund), thus Rs. 5365/- is due for payment.
- w) Institute have merged the unaudited book of Centre for Continuing Education (CCE) Division with Institute records during the year. Further, Institute have also added Fixed Deposit of Rs.5.96 Crores and Bank Balance of Rs. 5.37 Crores and liability of the same amount is booked under Hostel Fund A/c in other liabilities.
- x) During year the Institute have segregated the accrued interest component from Fixed Deposit and shown under the head Investment. Now, the Fixed Deposit is reflected at Face Value in the Balance Sheet.
- y) During the year, Rs. 17.34 Lakhs pertaining to F.Y. 2018-19 & 2019-20 have been transferred to SVNIT Development Fund from Scholarship from other agencies and transcript charges.

- z) During the course of cash verification, it is observed that cash in hand at the year-end as per books is Rs.10,221/- which includes Revenue Stamp valuing Rs. 2,331/-
- aa) Institute have received Rs. 50.00 Lakhs from IIIT, Surat and Rs. 3.04 Lakhs from NIFT, Surat towards infrastructure sharing fees, however institute does not have the actual amount receivables towards above fees for verification purpose.

Place: Surat

Date: 25th June, 2021

B.P. Siba Sen
Dy. Registrar(A/cs)

Registrar
25/6/2021

Director
25/6/21

वरि. लेखा परीक्षा अधिकारी
Sr. Audit Officer
कार्यालय प्रधान निदेशक लेखा परीक्षा (केन्द्रीय) गुजरात
Office of the Principal Director of Audit (Central), Gujarat
लेखापरीक्षा भवन, नवरंगपुरा, अहमदाबाद-380009
Audit Bhavan, Navrangpura, Ahmedabad-380009

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

RECEIPT AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2021

RECEIPTS		Current Year	Previous Year	PAYMENTS	Current Year	Previous Year	Amonut in Rupees
I. Opening Balances:				I. Expenses:			
a) Cash Balances	123,213		221,157	a) Establishment expenses	604,343,927	559,245,804	
b) Bank Balance	102,101,916		229,571,168	b) Academic Expenses	221,061,099	193,103,272	
				c) Administrative Expenses	294,410,049	345,423,746	
II. Grants Received:							
a) Plan Grant: From Government of India	139,175,000		16,000,000	II. Payments against			
b) Non-Plan Grant: From Govt of India	1,376,760,000		1,458,700,000	Earmarked/Endowment Funds	27,208,193	6,002,102	
				Capital Account	35067639.00	24,000	
Grants-in-Aid Receivable :							
a) Plan Grant: From Government of India	0	0	0	III. Payments against Sponsored Projects/Schemes			
b) Non-Plan Grant: From Govt of India	0	0	0	Misc Payments against Grant/Conference			0
III Academic Receipts	386,952,270		372,948,246	IV. Payments against Sponsored			0
				Fellowships/Scholarships/ Consultancy Project			
IV. Receipt in Corpus Fund	56,190,893						
IV. Receipts against Earmarked/Endowment Funds	682,313		31,136,729	V. Investments and Deposits made			
				a) Out of Earmarked			0
V. Receipts against Sponsored Project:			0	b) Out of own funds(Investments-others)			0
Grants Received from AICTE/GOI	26526635.05		0	VI. Term Deposits with Schedule Banks	935,359,702	996,359,250	
Other Misc Receipts against Conference			0				
VI. Receipts against sponsored Fellowships & Scholarships	11,472,317		8,812,423	VII. Expenditure on Fixed Assets and Capital Works- in - Progress			
				a) Fixed Assets	60,016,877	44,351,924	
VII. Income on Investments from				b) Capital works -in- Progress	11,067,503	0	
a) Earmarked/Endowment funds			0				
b) Other investments			0	VIii. Other Payments including statutory	144,402,559	312,744,651	

BALANCE SHEET AS AT 31st MARCH 2021 (2020-2021)

38. Sibersankar
Dy. Registrar (A/cs.)
23.06.2021

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SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-7

CONTRIBUTORY/ GENERAL PROVIDENT FUND ACCOUNT

SCHEDULE FORMING PARTS OF ACCOUNTS

Schedule: A Subscrip/contribution

Particulars	Current Year	Previous Year
	Amount (Rs.)	Amount (Rs.)
CPF receipt Group A	-	3,40,500.00
GPF receipt Group A	1,99,78,415.00	1,89,75,950.00
GPF receipt Group B	51,77,826.00	51,46,530.00
GPF receipt Group C	24,28,937.00	24,08,320.00
TOTAL	2,75,85,178.00	2,68,71,300.00

Schedule: B Withdrawal during the year

Particulars	Current Year	Previous Year
	Amount (Rs.)	Amount (Rs.)
CPF Officer Part Final	-	-
GPF Officer Part Final Group-1	22,90,000.00	16,00,000.00
GPF Officer Payment Group-1 (Director)	5,23,049.00	3,12,000.00
Final Payment CPFOfficer Group-1	-	77,90,180.00
Final Payment GPFOfficer Group-1	1,66,45,296.00	32,95,523.00
Loan/Advance Group 1 CPF	-	-
Loan/Advance Group 1 GPF	-	-
GPF Part Final Group 3	41,52,000.00	45,84,000.00
GPF Part Final Group 4	12,71,000.00	27,99,000.00
GPF Loan/Advance Group 3	4,41,000.00	4,08,000.00
GPF Loan/Advance Group 4	30,000.00	70,000.00
Final Payment on Retirement Group 3 GPF	30,90,135.00	7,37,149.00
Final Payment on Retirement Group 4 GPF	4,48,515.00	12,59,616.00
TOTAL	2,88,90,995.00	2,28,55,468.00

Schedule: C Interest transferred to CPF/GPF a/c

Particulars	Current Year	Previous Year
	Amount (Rs.)	Amount (Rs.)
Group A CPF	-	3,07,470.00
Group A GPF	1,30,22,342.00	1,26,85,413.00
Group B GPF	22,78,612.00	24,98,506.00
Group C GPF	6,50,696.00	6,25,206.00
Group C HGS (Schedule F)	938.00	970.00
TOTAL	1,59,52,588.00	1,61,17,565.00

Schedule: D Interest

Particulars	Current Year	Previous Year
	Amount (Rs.)	Amount (Rs.)
Interest on SBI Saving A/c	-	-
Interest on Canara Bank FD	-	-
Interest on RBI Bond %	-	-
Interest on PNBHFL	-	-
Interest on S.B.I FDR	-	-
Interest on Allahabad Bank FDR	-	-
TOTAL	-	-

Schedule: E Accrued Interest on F.D.R

Particulars	Current Year	Previous Year
	Amount (Rs.)	Amount (Rs.)
Interest accrued on State Bank of India	4,34,313.00	15,84,325.88
Interest accrued on Canara Bank	10,94,093.00	38,33,069.00
Interest accrued on PNBHFL	19,76,826.99	2,01,482.00
Interest accrued on LICHL	16,11,458.33	
TOTAL	51,16,691.32	56,18,876.88

Sardar Vallabhbhai National Institute of Technology, Surat - 39 5007					
Income and Expenditure Account of GPF/CPF/NPS for the year ended 31st March 2021					
Sl. No.	Expenditure	Current Year 2020-21	Sl. No.	Income	Current Year 2020-21
1	Interest credited to Members accounts	1,59,52,588.00	1	Interest on SBI Saving A/c	3,06,832.00
2	Bank Charges	88.50	2	Interest on RBI Bond	29,60,000.00
3	Prior period adjustment	2,14,177.00	3	Interest on PNBHFL	1,01,062.00
4	Balance being excess of Income over Expenditure	1,31,02,035.21	4	Interest on FDR in Canara Bank	30,71,145.12
			5	Interest on FDR in SBI	22,74,024.00
			6	Interest on FDR in Allahabad Bank	1,18,696.00
			7	TDS Receivable 2020-21	4,37,030.00
			8	Interest accrued on SBI	4,34,313.00
			9	Interest accrued on Canara Bank	10,94,093.00
			10	Interest accrued on PNBHFL	19,76,826.99
			11	Interest accrued on LICHFL	16,11,458.33
			12	Prior period adjustment	1,48,83,408.27
	Total	2,92,68,888.71		Total	2,92,68,888.71

Sardar Vallabhbhai National Institute of Technology, Surat - 39 5007					
Receipt and Payment Account of GPF/CPF for the year ended 31st March 2021					
Sl. No.	Receipt	Current Year 2020-21	Sl. No.	Payment	Current Year 2020-21
1	Opening Balance	29,54,623.16	1	Advance Withdrawal to GPF Members	2,88,90,995.00
2	Interest Income from Investment	54,87,636.00	2	Investment made during the year	19,78,27,121.80
3	Subscription from GPF Members	2,75,85,182.00	3	Bank Charges	88.50
4	Encashment of FDR	20,09,84,473.00	4	Cash & Bank with SBI SVNIT, Branch, Surat	1,02,93,708.86
	Total	23,70,11,914.16		Total	23,70,11,914.16