



**SARDAR VALLABHBHAI NATIONAL INSTITUTE  
OF TECHNOLOGY SURAT - 395007 (GUJARAT)**

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# **ANNUAL REPORT**

# **2021-22**



**SARDAR VALLABHBHAI PATEL**

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## FROM DIRECTOR'S DESK



The Sardar Vallabhbhai National Institute of Technology, formerly the Sardar Vallabhbhai Regional College of Engineering and Technology, was established in 1961 under the joint aegis of the Government of India and the Government of Gujarat. The institute was named after India's first Home Minister, Hon'ble Sardar Vallabhbhai Patel popularly known as the "Iron Man of India." The institute's vision aligns with his noble vision of uniting the talent of India by providing access to quality education and greater opportunities. Since its inception, the Institute has contributed to accelerating the development of science and technology by imparting technical education to the young generation and creating a knowledge society by fostering academic excellence that matches international standards.

In the context of the year 2021–2022, noteworthy initiatives taken and scholarly achievements by the institute are listed succinctly. In 2022, the National Institute Ranking Framework of the Ministry of Education, India, has listed our Institute '58' in the category of 'Engineering Institutions'. In its endeavour to create a niche, the institute encourages a deeper engagement in initiatives that are innovative, formed on broader perspectives, and traverse different aspects of life.

To meet the academic requirements of the institute, in the recent past, the institute has offered faculty positions to meritorious scholars from across the nation. In a systematically organised recruitment process, bright young minds were employed with the aim of contributing to the nation's academic and technological aspirations. As a result of this, the current faculty strength is 230, compared to the 296 sanctioned faculty members of the institute. The recruitment of the institute has become a regular initiative for the induction of qualified, dedicated teachers, enthusiastic about supporting the administration in its endeavour for advancement of the institute's academic and research quotient. The induction is not only restricted to the academic staff but also includes the administrative staff.

Currently, the Institute runs six UG programs, three 'five-year integrated MSc programs', and nineteen PG programs that meet the current technology and societal aspirations. The Institute actively offers admissions to the Ph.D. programs of the Institute in the Autumn and Spring semesters of every academic year as well as offers admissions to International Students, i.e. the ICCR Scholars in M.Tech. and Ph.D. programs of the Institute. In addition to this, to broaden perspectives and expand the horizons of research beyond Ph.D. programs, the Institute Senate has agreed to create post-doctoral job opportunities for the researchers. Surely this creation will provide greater impetus for technical prowess and ingenuity in students. It will shape a better quality of life by sharing ideas and solving the problems of society using the knowledge of science and the application of technology and formulating them in the appropriate framework. Our faculty members have earned coveted recognitions through their contributions to the journals of prestigious scholarly societies around the world, citations of their works, and the implementation of significant projects supported by prestigious national and international agencies, including imparting consultancy to society-oriented projects. In 2021, seven faculty members of the Institute (Prof. R. V. Rao, Prof. Z. V. P. Murthy, Dr. Suresh Kumar Kailasa, Dr. Sabha Raj Arya, Dr. Manish Rathod, Dr. Suban K. Sahoo and Dr. Debesh R. Roy) have featured in the list of "Single year 2021 citation impact" among the scientists listed across the globe in the database prepared by the researchers of Standard University, USA.

The vision and mission of the institute remained undisrupted by the pandemic, as the institute consistently provided quality education by synthesizing traditional and technical mediums. In its diamond jubilee year, enthused with renewed convictions, the institute aims to seek futuristic remedies to solve societal needs with scientific and technological expertise. We remain committed to our vision of fostering academic excellence with holistic development by creating an inclusive learning community, a safe and positive working environment, a clean and green campus, excellent infrastructure, opportunities for professional development, vibrant co. and extra-curricular activities, community engagement, and an ambiance for bonding through equity, trust, and mutual respect. At the forefront of intellectual pursuit, we envision creating a pool of young talents that is diverse and ready for challenges and opportunities present at the national and global level by inculcating core values like integrity, individuality, and responsibility pre-requisites for a smooth transition from students to professionals. In its process of adopting the National Educational Policy (NEP) 2020, the institute is creating a roadmap for preparing exemplary leaders and outstanding citizens through innovative, comprehensive, inter-disciplinary, and value-based education.

Finally, I thank all those who have contributed to the growth of this institute.

**Prof. Anupam Shukla**  
DIRECTOR  
Sardar Vallabhbhai National  
Institute of Technology, Surat.

## 1.0 INTRODUCTION

### 1.1 Institute Vision

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

### 1.2 Institute 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 4<sup>th</sup> December, 2002. The Institute was granted the status of 'Institute of National Importance' w.e.f. Aug. 15, 2007. At present, the Institute is offering Six UG Programmes, Nineteen 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 Resources 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 Systems	PG	2012
					Instrumentation & Control	PG	2020
4	Electronics Engineering	UG	1982	02	Communication Systems	PG	2005
					VLSI & Embedded Systems	PG	2012
5	Computer Science & Engineering	UG	1988	01	Computer Engineering	PG	2006
6	Chemical Engineering	UG	1995	01	Chemical Engineering	PG	2005
7	Dept. of Physics	M.Sc.	2007	--			
8	Deptt. of Chemistry	M.Sc.	2007	--			
9	Deptt. of 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 Ahmedbad (250 kms.) / Vadodara (150 kms.). The Institute is approximately 10 kms away from Surat Railway Station. Surat is an industrial city with historical importance and is well known for Textile, Jari and Diamond industries. The leading industries like RIL, ONGC, KRIBHCO, L&T, NTPC and GAIL are established in Surat-Hazira area.

## **2.3 Campus**

The Institute is having at present Eight Boys Hostels and One Girl Hostels accommodating about 4071 students. The number of girl students 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 Institute is headed by the Director and administered by the Board of Governors. It also has Finance Committee and Building & 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 the 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) Physics
- (2) Chemistry
- (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) Construction Technology & Management (b) Environmental Engineering (c) Transportation Engineering & Planning (d) Urban Planning (e) Water Resources Engineering (f) Soil Mechanics & Foundation Engineering (g) Structural Engineering
(2)	Chemical Engineering	(a) Chemical Engineering
(4)	Computer Engineering	(a) Computer Engineering
(5)	Electrical Engineering	(a) Instrumentation and Control (b) Power Electronics & Electrical Drives (c) Power Systems
(6)	Electronics Engineering	(a) Communication Systems (b) VLSI & Embedded Systems
(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 Science & 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) B.Tech. 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 77 students who opted for B. Tech (Minor) with great zeal and enthusiasm. This also provides additional opportunity of acquiring minimum credits of leading to the B.Tech Minor degree.

#### (2) One-semester internship industrial training in the curriculum of B.Tech. program:

As per the National Education Policy (NEP) the Institute has implemented one-semester internship industrial training in the curriculum of B.Tech. program from Academic Year 2023-24. The total credit strength of the afore-said internship training is 10 (ten) within the scheme of the 8<sup>th</sup> semester (one-semester) of the B.Tech. program.

### 3.5 Admission Procedures:

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

Admissions into the B.Tech. Programmes and Integrated M.Sc. is 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 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. 21 Foreign Students and 130 of DASA students are also admitted under the scheme of Central Government.

The details of admission in UG programs are given below (2021-22)

Discipline (B.Tech.)	Intake	Open		EWS		SC		ST		OBC		DASA/ GOI		TOTAL	
		B	G	B	G	B	G	B	G	B	G	B	G	B	G
Chemical Engg.	116	42	9	10	2	13	4	8	2	26	0	0	0	99	23
Civil Engg.	115	38	9	9	2	15	4	6	2	25	6	0	0	93	23
Computer Sci. Engg.	116	37	10	10	2	12	4	7	2	25	6	12	6	103	30
Electrical Engg.	115	38	9	9	2	14	4	5	3	25	6	0	0	91	24
Electronics & Comm.	172	55	14	13	4	20	6	11	2	37	8	1	0	137	34
Mechanical Engg.	232	70	18	18	5	30	4	15	3	47	15	3	1	183	46
<b>Total...</b>	<b>866</b>	<b>280</b>	<b>69</b>	<b>69</b>	<b>17</b>	<b>104</b>	<b>26</b>	<b>52</b>	<b>14</b>	<b>185</b>	<b>47</b>	<b>16</b>	<b>7</b>	<b>706</b>	<b>180</b>

B: Boys / G: Girls

The details of admission in Five years integrated M.Sc. Program are given below (2021-22)

Discipline (M.Sc.)	Intake	Open		EWS		SC		ST		OBC		TOTAL	
		B	G	B	G	B	G	B	G	B	G	B	G
Chemistry	75	24	09	01	01	05	01	03	00	08	00	41	11
Physics	75	31	12	04	00	07	01	05	00	07	01	54	14
Mathematics	75	28	12	03	00	09	01	03	02	11	00	54	15
<b>Total...</b>	<b>225</b>	<b>83</b>	<b>33</b>	<b>08</b>	<b>01</b>	<b>21</b>	<b>03</b>	<b>11</b>	<b>02</b>	<b>26</b>	<b>01</b>	<b>149</b>	<b>40</b>

B: Boys / G: Girls

### Post Graduate Courses:

The admission is made on the basis of Centralized Counseling for M.Tech./M.Plan (CCMT) on the basis of valid GATE Scores under the control of Ministry of Education, New Delhi. Reservation of seats during admission is as per Government of India norms.

Sr. No.	Department	Discipline (M.Tech.)	Intake (CCMT)	Sponsored	Total Seats
01	Chemical Engg.	Chemical Engineering	25	05	30
02	Civil Engineering	Construction Technology and Management	25	05	30
		Environmental Engineering	25	05	30
		Water Resources Engineering	25	05	30
		Urban Planning	25	05	30
		Transportation Engineering & Planning	25	05	30
		Structural Engineering	25	05	30
		Soil Mechanics & Foundation Engineering	25	05	30
03	Computer Science & Engineering	Computer Engineering	25	05	30
04	Electrical Engineering	Instrumentation and Control	25	05	30
		Power Electronics & Electrical Drives	25	05	30
		Power Systems	25	05	30
05	Electronics Engineering	Communication Systems	25	05	30
		VLSI & Embedded Systems	25	05	30
06	Mechanical Engineering	CAD/CAM	25	05	30
		Mechanical Engineering	25	05	30
		Manufacturing Engineering	25	05	30
		Thermal System Design	25	05	30
		Turbo Machines	25	05	30
<b>TOTAL</b>			<b>475</b>	<b>95</b>	<b>570</b>

## The details of admission in the M.Tech. Programs is given below (2021-22)

Discipline (M.Tech.)	Intake	Open		EWS		SC		ST		OBC		Sponsored / ICCR		TOTAL	
		B	G	B	G	B	G	B	G	B	G	B	G	B	G
Chemical Engg.	25	3	3	0	0	1	0	0	0	0	1	0	0	4	4
Const. Tech. & Mgt.	25	6	4	2	0	4	0	2	0	6	1	1	1	21	6
Environmental Engg.	25	6	6	1	1	3	1	0	1	3	2	0	0	13	11
Transportation Engg. & Planning	25	6	4	2	0	4	0	1	1	7	0	0	0	20	5
Urban Planning	25	7	9	0	0	3	1	2	0	1	2	1	1	14	13
Water Resource Engg.	25	11	2	1	0	1	0	1	1	1	0	0	0	15	3
Soil Mechanics & Foundation Engg.	25	11	1	1	0	3	1	1	0	5	0	0	0	21	2
Structural Engineering	25	9	1	2	1	3	0	2	0	7	0	1	0	24	2
Computer Sci. & Engg.	25	8	2	2	1	3	0	0	0	6	1	0	0	19	4
Instrumentation & Control	25	8	4	1	0	3	1	0	0	0	0	0	0	12	5
Power Electronics & Electrical Drives	25	10	0	2	0	3	1	0	0	7	0	0	0	22	1
Power Systems	25	8	5	0	1	3	0	0	0	5	1	0	0	16	7
Communication Systems	25	8	6	0	0	1	1	0	0	3	0	0	0	12	7
VLSI & Embedded Systems	25	7	3	1	2	2	1	1	0	7	0	0	0	18	6
CAD/CAM	25	14	1	0	0	0	0	2	0	0	0	0	0	16	1
Manufacturing Engg.,	25	11	0	0	0	1	0	1	0	1	0	0	0	14	0
Mechanical Engineering	25	13	0	1	0	1	0	1	0	6	0	0	0	13	0
Thermal System Design	25	14	0	0	0	2	0	0	0	5	0	0	0	21	0
Turbo Machines	25	9	1	2	0	0	0	1	0	1	0	0	0	13	1
<b>TOTAL</b>	<b>475</b>	<b>169</b>	<b>52</b>	<b>18</b>	<b>6</b>	<b>41</b>	<b>7</b>	<b>15</b>	<b>3</b>	<b>71</b>	<b>8</b>	<b>3</b>	<b>2</b>	<b>317</b>	<b>78</b>

B : Boys ; G : Girls

**M. Tech. (Research):**

The admission to M.Tech.(Research) programmes are given to those having Bachelor's degree in any one of the six disciplines mentioned above and should have passed with 55% aggregate marks of all 8 Semesters (CGPA=6.0) in respective Engineering streams. The candidates should have minimum working experience of FIVE years after graduation. However, Institute research project staff should have minimum two years of Experience after graduation Selection through oral presentation on the proposed area of research before a committee and an interview for eligible students with the proposed supervisor in each department.

**Doctorate Programmes:**

The eligibility for admission to Ph.D. in Engineering Faculty, Science Faculty, Humanities and Social Science Faculty & Interdisciplinary areas is such that a candidate shall possess Master's Degree in relevant area of research and should have passed with minimum 60%(CGPA 6.0) or equivalent in respective engineering faculty for Open/EWS/OBC and 55% marks (CGPA 5.5) in the case of SC/ST/PwD. The Institute also offers Ph.D. Programme under QIP for the faculty members of AICTE approved Engineering Colleges.

## 3.6 Existing strength of UG/PG/Ph. D. students:

UG Programmes (Academic Year 2021-22)

Branch	Year	Semester	Boys	Girls	Total
Chemical Engineering	I	First	99	23	122
	II	Third	91	22	113
	III	Fifth	85	19	104
	IV	Seventh	70	15	85
<b>Total</b>			<b>345</b>	<b>79</b>	<b>424</b>
Civil Engineering	I	First	93	23	116
	II	Third	91	21	112
	III	Fifth	86	20	106
	IV	Seventh	76	14	90
<b>Total</b>			<b>346</b>	<b>78</b>	<b>424</b>
Computer Engineering	I	First	103	30	133
	II	Third	103	30	133
	III	Fifth	93	28	121
	IV	Seventh	87	24	111
<b>Total</b>			<b>386</b>	<b>112</b>	<b>498</b>
Electrical Engineering	I	First	91	24	115
	II	Third	88	25	113
	III	Fifth	88	21	109
	IV	Seventh	72	16	88
<b>Total</b>			<b>339</b>	<b>86</b>	<b>425</b>
Electronics & Communication Engineering	I	First	137	34	171
	II	Third	139	35	174
	III	Fifth	132	29	161
	IV	Seventh	113	29	142
<b>Total</b>			<b>521</b>	<b>127</b>	<b>648</b>
Mechanical Engineering	I	First	183	46	229
	II	Third	180	47	227
	III	Fifth	188	36	224
	IV	Seventh	193	29	222
<b>Total</b>			<b>744</b>	<b>158</b>	<b>902</b>
<b>Grand Total...</b>			<b>2681</b>	<b>640</b>	<b>3321</b>

**Five Years Integrated M. Sc. Programmes : (Academic Year 2021-22)**

Branch	Year	Semester	Boys	Girls	Total
<b>Physics</b>	I	First	54	14	68
	II	Third	53	10	63
	III	Fifth	51	7	58
	IV	Seventh	41	10	51
	V	Ninth	32	9	41
<b>Total</b>			<b>231</b>	<b>50</b>	<b>281</b>
<b>Chemistry</b>	I	First	41	11	52
	II	Third	50	1	51
	III	Fifth	42	8	50
	IV	Seventh	37	9	46
	V	Ninth	19	11	30
<b>Total</b>			<b>189</b>	<b>40</b>	<b>229</b>
<b>Mathematics</b>	I	First	54	15	69
	II	Third	44	8	52
	III	Fifth	45	9	54
	IV	Seventh	40	13	53
	V	Ninth	35	13	48
<b>Total</b>			<b>218</b>	<b>58</b>	<b>276</b>
<b>Grand Total...</b>			<b>638</b>	<b>148</b>	<b>786</b>

**P.G. Programmes (Academic Year 2021-22)**

Branch	Year	Boys	Girls	Total
<b>Chemical Engineering</b>				
First Semester	I	4	4	8
Third Semester	II	8	1	9
<b>Construction Technology and Management</b>				
First Semester	I	21	6	27
Third Semester	II	22	0	22
<b>Environmental Engineering</b>				
First Semester	I	13	11	24
Third Semester	II	19	01	20
<b>Transportation Engineering &amp; Planning</b>				
First Semester	I	20	05	25
Third Semester	II	19	02	21
<b>Urban Planning</b>				
First Semester	I	14	13	27
Third Semester	II	15	02	17
<b>Water Resources Engineering</b>				
First Semester	I	15	03	18
Third Semester	II	17	03	20
<b>Soil Mech. &amp; Foundation Engg.</b>				
First Semester	I	21	02	23
Third Semester	II	18	06	24
<b>Structural Engineering</b>				
First Semester	I	24	02	26
Third Semester	II	21	02	23
<b>Computer Science &amp; Engineering</b>				
First Semester	I	19	04	23
Third Semester	II	21	00	21
<b>Instrumentation and Control</b>				
First Semester	I	12	05	17
Third Semester	II	17	04	21

Branch	Year	Boys	Girls	Total
<b>Power Electronics &amp; Electrical Drives</b>				
First Semester	I	22	01	23
Third Semester	II	23	00	23
<b>Power Systems</b>				
First Semester	I	16	07	23
Third Semester	II	21	03	24
<b>Communication Systems</b>				
First Semester	I	12	07	19
Third Semester	II	18	02	20
<b>VLSI &amp; Embedded Systems</b>				
First Semester	I	18	06	24
Third Semester	II	20	01	21
<b>CAD-CAM</b>				
First Semester	I	16	01	17
Third Semester	II	21	01	22
<b>Manufacturing Engineering</b>				
First Semester	I	14	00	14
Third Semester	II	21	00	21
<b>Mechanical Engineering</b>				
First Semester	I	22	00	22
Third Semester	II	18	00	18
<b>Thermal System Design</b>				
First Semester	I	21	00	21
Third Semester	II	21	01	22
<b>Turbo Machines</b>				
First Semester	I	13	01	14
Third Semester	II	18	01	19
<b>Total of First Sem</b>		<b>317</b>	<b>78</b>	<b>395</b>
<b>Total of Third Sem</b>		<b>358</b>	<b>30</b>	<b>388</b>
<b>Total of First &amp; Third Sem</b>		<b>675</b>	<b>108</b>	<b>783</b>

### M.Tech. (Research) (Academic Year 2021-22)

Departments	Admission Year	Boys	Girls	Total
Civil Engineering	2021-22	01	00	01
Total		01	00	01
<b>Grand Total</b>		<b>01</b>	<b>00</b>	<b>01</b>

### Ph.D. Programmes (Academic Year 2021-22) (Engg.) : (A)

Departments	Admission Year	Boys	Girls	Total
<b>Mechanical Engineering</b>	2013-14	02	00	02
	2014-15	07	01	08
	2015-16	02	01	03
	2016-17	08	00	08
	2017-18	18	00	18
	2018-19	28	01	29
	2019-20	18	00	18
	2020-21	20	00	20
	2021-22	22	03	25
	<b>Total</b>		<b>125</b>	<b>06</b>
<b>Civil Engineering</b>	2013-14	01	01	02
	2014-15	02	01	03
	2015-16	07	02	09
	2016-17	12	02	14
	2017-18	14	06	20



Departments	Admission Year	Boys	Girls	Total
	2018-19	14	06	20
	2019-20	17	17	34
	2020-21	41	13	54
	2021-22	23	08	31
	<b>Total</b>	<b>131</b>	<b>56</b>	<b>187</b>
<b>Applied Mechanics (Presently merged with Civil Engineering Department)</b>	2013-14	01	00	01
	2014-15	05	03	08
	2015-16	05	01	06
	2016-17	10	02	12
	2017-18	23	05	28
	2018-19	16	00	16
	2019-20	09	01	10
<b>Total</b>	<b>69</b>	<b>12</b>	<b>81</b>	
<b>Chemical Engineering</b>	2014-15	01	00	01
	2015-16	02	00	02
	2016-17	03	00	03
	2017-18	05	04	09
	2018-19	10	02	12
	2019-20	04	03	07
	2020-21	03	00	03
	2021-22	02	02	04
<b>Total</b>	<b>30</b>	<b>11</b>	<b>41</b>	
<b>Electronics &amp; Communication Engineering</b>	2010-11	00	01	01
	2014-15	03	02	05
	2015-16	00	01	01
	2016-17	05	02	07
	2017-18	08	05	13
	2018-19	04	01	05
	2019-20	05	01	06
	2020-21	09	09	18
	2021-22	11	02	13
<b>Total</b>	<b>45</b>	<b>24</b>	<b>69</b>	
<b>Electrical Engineering</b>	2013-14	01	00	01
	2014-15	05	01	06
	2015-16	00	02	02
	2016-17	03	03	06
	2017-18	08	05	13
	2018-19	08	07	15
	2019-20	12	06	18
	2020-21	19	04	23
	2021-22	09	04	13
<b>Total</b>	<b>65</b>	<b>32</b>	<b>97</b>	
<b>Computer Science &amp; Engineering</b>	2009-10	00	01	01
	2014-15	01	00	01
	2015-16	03	03	06
	2016-17	01	01	02
	2017-18	02	06	08
	2018-19	06	03	09
	2019-20	07	00	07
	2020-21	03	05	08
	2021-22	02	04	06
<b>Total</b>	<b>25</b>	<b>23</b>	<b>48</b>	
<b>Total of Engg. (A)</b>		<b>490</b>	<b>164</b>	<b>654</b>

**Ph.D. Programmes (Academic Year 2021-22) (Science) : (B)**

Departments	Admission Year	Boys	Girls	Total
Deptt. of Chemistry	2015-16	01	01	02
	2017-18	05	02	07
	2018-19	03	07	10
	2019-20	07	06	13
	2020-21	16	12	28
	2021-22	11	07	18
	<b>Total</b>	<b>43</b>	<b>35</b>	<b>78</b>
Deptt. of Mathematics & Humanities	2014-15	01	01	02
	2016-17	03	00	03
	2017-18	02	02	04
	2018-19	04	04	08
	2019-20	15	06	21
	2020-21	07	04	11
	2021-22	09	07	16
<b>Total</b>	<b>41</b>	<b>24</b>	<b>65</b>	
Deptt. of Physics	2014-15	02	00	02
	2015-16	02	00	02
	2016-17	01	00	01
	2017-18	05	01	06
	2018-19	06	04	10
	2019-20	05	02	07
	2020-21	09	08	17
	2021-22	11	05	16
<b>Total</b>	<b>41</b>	<b>20</b>	<b>61</b>	
Management	2019-20	03	02	05
	<b>Total</b>	<b>03</b>	<b>02</b>	<b>05</b>
English	2017-18	00	01	01
	2018-19	00	01	01
	2019-20	01	01	02
	2020-21	01	01	02
	2021-22	00	01	01
	<b>Total</b>	<b>02</b>	<b>05</b>	<b>07</b>
<b>Total of Science (B)</b>		<b>130</b>	<b>86</b>	<b>216</b>
<b>Grand Total (A)+(B)</b>		<b>620</b>	<b>250</b>	<b>870</b>

**3.7 Examinations & Evaluation:****Undergraduate Programmes – Bachelor of Technology (Examination April/May 2021)**

Discipline	Total No. appeared	Total No. passed	Above 7.5 CGPA	7.5-6.0 CGPA	Below 6.0 CGPA	Topper	CGPA
Chemical	93	93	67	23	3	Anuj Desai	9.66
Civil	96	96	76	19	1	Ritil Dhalwani	9.76
Computer	103	103	72	30	1	Pritesh Kumar Tripathi	9.74
Electrical	89	89	60	25	4	Anshuman Singh Jhala	9.82
Electronics & Comm.	136	136	77	53	6	Raghav Bansal	9.36
Mechanical	216	215	163	47	5	Kalola Yash Sunilbhai	9.54
<b>Total...</b>	<b>733</b>	<b>732</b>	<b>515</b>	<b>197</b>	<b>20</b>		

**Five Years Integrated M.Sc. Programmes (Examination April/May 2021)**

Discipline	Total No. appeared	Total No. passed	Above 7.5 CGPA	7.5-6.0 CGPA	Below 6.0 CGPA	Topper	CGPA
Chemistry	10	10	10	0	0	Chandan Das	9.70
Physics	20	20	17	2	1	Thakore Mitanshu R.	9.77
Mathematics	18	18	13	4	1	Ekata Jain	9.47
<b>Total...</b>	<b>48</b>	<b>48</b>	<b>40</b>	<b>6</b>	<b>2</b>		

**Post Graduate Programmes – Master of Technology (M.Tech.) Courses (Examination April/May 2021)**

Departments	No. of students passed
Chemical Engineering	06
Civil Engineering	124
Computer Science & Engineering	15
Electrical Engineering	40
Electronics Engineering	36
Mechanical Engineering	87
<b>Total...</b>	<b>308</b>

**Doctorate Programmes – Ph.D. Courses (2021-22)**

Department	No. of students
Chemical Engineering	06
Civil Engineering	24
Computer Science & Engineering	02
Electrical Engineering	09
Electronics Engineering	08
Mechanical Engineering	17
Chemistry	03
Mathematics	06
Physics	04
English	00
Management	02
<b>Total...</b>	<b>81</b>

**3.8 Annual Convocation**

Total 732 nos. B.Tech. students, 308 nos. M.Tech. students, 48 nos. Five years Integrated Master of Science students and 82 nos. Ph.D. students who had successfully completed their course of studies as prescribed under the regulations and passed the examinations were conferred the Degrees on October 20, 2021.

**3.9 Collaboration with Industry and R&D Centres (F.Y. 2021-22)**

<b>Sr. No.</b>	<b>MoU signed with</b>	<b>Objective/Purpose of MoU</b>
01	Fams Design Solutions Pvt Ltd, Mumbai	Joint research, consultancy activities and joint supervision of research work. Joint conferences or symposia on subjects of mutual interest.
02	Larson & Toubro, Ctcw, Hazira, Surat	To provide the in fractural support (class room/workshop for practical training/library/lunch-breakfast) to the students, faculty & staffs, employees, to provide course outline for conducting the training program.
03	District Rural Development Agency, Surat (Swatchh Bharat Mission, Phase-2, Government Of Gujarat)	Strategic partnership in the area of knowledge sharing in solid waste management for scientific treatment and disposal of waste plastics in the gram panchayat of Mora, Bhatlai, Rajagrai, Sunvali & Junagam, Ta. Choryasi, Dist. Surat.
04	Tata Consultancy Services, Mumbai	Exchange of scholars, researchers & students for research, co-authoring of scholarly and research publications, exchange of scholars, researchers and students for seminars, conferences, workshops and other academic interaction meetings

**3.10 Collaboration with National & International Universities (F.Y. 2021-22)**

<b>Sr No</b>	<b>MOU Signed With</b>	<b>Objective/Purpose of MOU</b>
1	Ihub Ntihac Foundation, IIT kanpur	To cooperate in cyber security and research. To develop & foster an environment to deal with the current and future cyber security challenges in different sectors.
2	Dr. S & S S Ghandhy Govt. Engg. College, Surat	Visit & exchange of faculty members and scholars, exchange of information including research publications of faculty members, joint research activities and joint supervision of research work , joint conferences or symposia on subjects of mutual interest.
3	Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar	Encourage direct contact and co-operation between the faculty and administrative staff, departments and research institutions. Exchange of faculty members, research scholars, information, joint research activities, joint conferences or symposia on subjects of mutual interest
4	Rashtriya Raksha University, Gandhinagar	Encourage direct contact and co-operation between the faculty and administrative staff, departments and research institutions. Exchange of faculty members, research scholars, information, joint research activities, joint conferences or symposia on subjects of mutual interest
5	The University of New Brunswick, Canada	Exchange of scholars, researchers & students for research, co authoring of scholarly and research publications, exchange of scholars, researchers and students for seminars, conferences, workshops and other academic interaction meetings
6	Saint Petersburg State Institute of Technology (Spsit), Russia	Exchange of scholars, researchers & students for research, co authoring of scholarly and research publications, exchange of scholars, researchers and students for seminars, conferences, workshops and other academic interaction meetings
7	National Forensic Sciences University, Gandhinagar	Exchange of scholars, researchers & students for research, co authoring of scholarly and research publications, exchange of scholars, researchers and students for seminars, conferences, workshops and other academic interaction meetings

<b>Sr No</b>	<b>MOU Signed With</b>	<b>Objective/Purpose of MOU</b>
8	C-DAC, Trivandrum	Joint collaboration in areas of digital forensics
9	Pandit Deendayal Energy University, Gandhinagar	Exchange of scholars, researchers & students for research, co authoring of scholarly and research publications, exchange of scholars, researchers and students for seminars, conferences, workshops and other academic interaction meetings
10	Vishwakarma Govt. Engg. College, Chandkheda, Ahmedabad	Exchange of scholars, researchers & students for research, co authoring of scholarly and research publications, exchange of scholars, researchers and students for seminars, conferences, workshops and other academic interaction meetings
11	IIT Gandhinagar, IIIT Banglore, IIT Goa, NIT Puducherry	Exchange of scholars, researchers & students for research, co authoring of scholarly and research publications, exchange of scholars, researchers and students for seminars, conferences, workshops and other academic interaction meetings
12	MNIT Jaipur, LNMIT Jaipur, IIT Delhi, NIT Rourkela)	Exchange of scholars, researchers & students for research, co authoring of scholarly and research publications, exchange of scholars, researchers and students for seminars, conferences, workshops and other academic interaction meetings
13	IHUB Divyasampark, IIT, Roorkee	To formalize an intent to collaborate on events and network facilitation to explore opportunities for cyber physical systems (cps) related to innovation and partnerships between svnit, surat and ihub divyasampark

## 4.0 PARTICULARS OF ACADEMIC & ADMINISTRATIVE STAFF:

### 4.1 Faculty Strength as on 30.06.2022

As on date 30/06/2022, Prof. Anupam Shukla is the Director of the Institute.

The Institute has **296** sanctioned posts of faculty members, out of which **230** posts of faculty members have been filled. The Department-wise list of faculty members with their designation and qualification is given at point No.4.2.

### 4.2 Academic Staff (Teaching)

The department-wise list of faculty members with their designations during 2021-22 is given below.

Director of the Institute		
Prof. S.R. Gandhi	:	Till 23/10/2021
Prof. R.V. Rao	:	From 24/10/2021 to 29/06/2021
Prof. Anupam Shukla	:	From 30/06/2022 to continue

#### List of Academic Staff as on 30/06/2022

Sr. No.	Name	Designation
<b>Department of Chemical Engineering</b>		
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
<b>Department of Chemistry</b>		
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. Areti Sivaiah	Assistant Professor Grade-II

Sr. No.	Name	Designation
30	Dr. Arup Kumar Ghosh	Assistant Professor Grade-II
31	Dr. LataRana	Assistant Professor Grade-II
32	Dr. Ritambhara Jangir	Assistant Professor Grade-II
33	Dr. Subrata Dutta	Assistant Professor Grade-II
34	Dr. Togati Naveen	Assistant Professor Grade-II
<b>Department of Civil Engineering</b>		
35	Dr. Chetankumar Devjibhai Modhera	Professor (HAG)
36	Dr. Jayantilal Naginbhai Patel	Professor (HAG)
37	Dr. Premlal Patel	Professor (HAG) & Dy. Director
38	Dr. Atulbhai Kantilal Desai	Professor
39	Dr. Chandresh Himmatlal Solanki	Professor
40	Dr. Gaurang Jayantilal Joshi	Professor
41	Dr. Krupeshbhai Ambubhai Chauhan	Professor
42	Dr. Moideen Mansoor Ahammed	Professor
43	Dr. Prashitbhai Girishbhai Agnihotri	Professor
44	Dr. Rakesh Kumar	Professor
45	Dr. Robin Alfred Christian	Professor
46	Dr. Sandip Arvindlal Vasanwala	Professor
47	Dr. Sanjaykumar Madhusudan Yadav	Professor
48	Dr. Vivek Laxmikant Manekar	Professor
49	Dr. Ashish Dhamaniya	Associate Professor
50	Shri Ashokkumar J Shah	Associate Professor
51	Dr. Dilipkumar Arvindkumar Patel	Associate Professor
52	Dr. Gaurang Rajendra Vesmawala	Associate Professor
53	Dr. Kunwar Durg Vijay Singh Yadav	Associate Professor
54	Dr. Prafulkumar Vasharambhai Timbadiya	Associate Professor
55	Dr. Satyajit Nabinchandra Patel	Associate Professor
56	Dr. Shivanand Rohidas Suryawanshi	Associate Professor
57	Dr. Shrinivas Shrikant Arkatkar	Associate Professor
58	Dr. Yogesh Deoram Patil	Associate Professor
59	Shri Narendrakumar Natvarlal Patel	Associate Professor
60	Dr. Anantray Meramanbhai Parghi	Assistant Professor
61	Dr. Balakrishnan Kondraivendhan	Assistant Professor
62	Dr. Bhaven Nirmalbhai Tandel	Assistant Professor
63	Dr. Chetankumar Ramanlal Patel	Assistant Professor
64	Dr. Ganesh Dattatrayrao Kale	Assistant Professor
65	Dr. Jignesh Balubhai Patel	Assistant Professor
66	Dr. Namrata D. Jariwala	Assistant Professor
67	Dr. Ravin Maheshkumar Tailor	Assistant Professor
68	Dr. Shailendra Kumar	Assistant Professor
69	Dr. Shruti Jay Shukla	Assistant Professor
70	Shri Amitkumar Jayeshkumar Solanki	Assistant Professor
71	Dr. Ankesh Kumar	Assistant Professor Grade-II
72	Dr. Jitesh Tribhuvandas Chavda	Assistant Professor Grade-II
73	Dr. Kashyapkumar Arvinbhai Patel	Assistant Professor Grade-II
74	Dr. Smaranika Panda	Assistant Professor Grade-II
75	Dr. Tamizharasi G.	Assistant Professor Grade-II
76	Dr. Vishisht Bhैया	Assistant Professor Grade-II

Sr. No.	Name	Designation
<b>Department of Computer Science &amp; Engineering</b>		
77	Dr. Deveshkumar Chhabildas Jinwala	Professor (HAG)
78	Dr. Dhiren R. Patel	Professor
79	Dr. Mukesh Ajitkumar Zaveri	Professor
80	Dr. Rupa Gautam Mehta	Associate Professor
81	Shri Rakeshbhai Pragjibhai Gohil	Associate Professor
82	Dr. Bhavesh Navinchandra Gohil	Assistant Professor
83	Dr. Dipti Prakashkumar Rana	Assistant Professor
84	Dr. KrupaNilesh Jariwala	Assistant Professor
85	Dr. Sankita Jatin Patel	Assistant Professor
86	Dr. Udai Pratap Rao	Assistant Professor
87	Dr. Alok Kumar	Assistant Professor Grade-II
88	Dr. Balu Laxman Parne	Assistant Professor Grade-II
89	Dr. KeyurJivanlal Parmar	Assistant Professor Grade-II
<b>Department of Electrical Engineering</b>		
90	Dr. Anandita Chowdhury	Professor
91	Dr. Ashish Kiranbhai Panchal	Professor
92	Dr. Chudamani Rajagopalan	Professor
93	Dr. Shambhu Nath Sharma	Professor
94	Dr. Varsha Ajit Shah	Professor
95	Dr. Hirenkumar Gunvantbhai Patel	Associate Professor
96	Dr. Hitesh Rameshchandra Jariwala	Associate Professor
97	Dr. Khyatiben Divyeshkumar Mistry	Associate Professor
98	Dr. Mahmadasraf Abdulhamid Mulla	Associate Professor
99	Shri Mukeshchandra Natvarlal Bhusavalwala	Associate Professor
100	Dr. Prasanta Kundu	Associate Professor
101	Dr. Rakesh Maurya	Associate Professor
102	Dr. Sabharaj Arya	Associate Professor
103	Dr. Vasundhara Waman Mahajan	Associate Professor
104	Dr. Pranavkumar Bhupenabhai Darji	Associate Professor
105	Dr. Aeidapu Mahesh Rayamallu	Assistant Professor Grade-II
106	Smt. Chandaniben Pankajkumar Gor	Assistant Professor
107	Dr. Akanksha Shukla	Assistant Professor Grade-II
108	Dr. Gangireddy Sushnigda	Assistant Professor Grade-II
109	Dr. Kuniseti V. Praveen Kumar	Assistant Professor Grade-II
110	Dr. Rahul Radhakrishnan	Assistant Professor Grade-II
111	Dr. Rajasekhara Reddy Chilipi	Assistant Professor Grade-II
112	Dr. Sanjay Tolani	Assistant Professor Grade-II
113	Dr. SukantaHalder	Assistant Professor Grade-II
114	Dr. Suresh Lakhimshetty	Assistant Professor Grade-II
115	Dr. Venkataramanaiah Jammala	Assistant Professor Grade-II
<b>Department of Electronics Engineering</b>		
116	Dr. Jignesh Natvarlal Sarvaiya	Professor
117	Dr. Upena Devang Dalal	Professor
118	Dr. Anandkumar Dhirajlal Darji	Associate Professor
119	Shri Anilkumar Himatlal Lalluwadia	Associate Professor
120	Dr. Jigishaben Naginbhai Patel	Associate Professor
121	Dr. Piyush Navnitlal Patel	Associate Professor
122	Dr. Rasika Neeraj Dhavse	Associate Professor



Sr. No.	Name	Designation
123	Dr. Shilpi Gupta	Associate Professor
124	Dr. ZuberMohmood Patel	Associate Professor
125	Shri Nareshkumar Bhikhubhai Kanirkar	Associate Professor
126	Shri Prashant Kanubhai Shah	Associate Professor
127	Dr. Abhilash SatishMandloi	Assistant Professor
128	Dr. Kishorkumar Parshottambhai Upla	Assistant Professor
129	Dr. Pinalkumar Jadavbhai Engineer	Assistant Professor
130	Dr. Shweta Nishant Shah	Assistant Professor
131	Dr. Abhishek Acharya	Assistant Professor Grade-I
132	Dr. Golak Santra	Assistant Professor
133	Shri Mehulkumar Chhibabhai Patel	Assistant Professor
134	Dr. Deepak Joshi	Assistant Professor Grade-II
135	Dr. Kamal Manharlal Captain	Assistant Professor Grade-II
136	Dr. Kirtilnamdar	Assistant Professor Grade-II
137	Dr. Nithin Chatterji	Assistant Professor Grade-II
138	Dr. Raghavendra Pal	Assistant Professor Grade-II
139	Dr. Shivendra Yadav	Assistant Professor Grade-II
140	Dr. Suman Deb	Assistant Professor Grade-II
141	Dr. Suresh Dahiya	Assistant Professor Grade-II
142	Dr. Vivek Garg	Assistant Professor Grade-II
<b>Department of Mathematics &amp; Humanities</b>		
143	Dr. Ajaykumar Rammurti Shukla	Professor
144	Dr. Neeru Adlakha	Professor
145	Dr. Vikas Harishchandra Pradhan	Professor
146	Dr. Hemantkumar Pravinbhai Bulsara	Associate Professor
147	Dr. Jayesh Mohanbhai Dhodiya	Associate Professor
148	Dr. Sushilkumar	Associate Professor
149	Dr. Ramakanta Meher	Assistant Professor
150	Dr. Ranjankumar Jana	Assistant Professor
151	Dr. Twinkle Rajivkumar Singh	Assistant Professor
152	Dr. Urvashi Vikas Kaushal	Assistant Professor
153	Dr. Dhananjay Gopal	Assistant Professor
154	Dr. Amit Sharma	Assistant Professor Grade-II
155	Dr. Indira Priyadarshini Debnath	Assistant Professor Grade-II
156	Dr. Raj Kamal Maurya	Assistant Professor Grade-II
157	Dr. Saroj RajmaniYadav	Assistant Professor Grade-II
158	Dr. Shailesh Kumar Srivastava	Assistant Professor Grade-II
159	Dr. Sourav Gupta	Assistant Professor Grade-II
160	Dr. Sudeep Singh Sanga	Assistant Professor Grade-II
161	Dr. Vaishali Samir Dhingra	Assistant Professor Grade-II
<b>Department of Mechanical Engineering</b>		
162	Dr. Harit Kishorchandra Raval	Professor (HAG)
163	Dr. Ravipudi Venkata Rao	Professor (HAG)
164	Dr. Abdulhafiz Abdulkhalik Shaikh	Professor
165	Dr. Dipakkumar Pravinchana Vakharia	Professor
166	Dr. Jyotirmay Janmay Banerjee	Professor
167	Dr. Keyur Pushpavadan Desai	Professor
168	Dr. Shailendra Kumar	Professor
169	Dr. Tushar Narenabhai Desai	Professor

Sr. No.	Name	Designation
170	Dr. Ashokkumar Dhirajlal Parekh	Associate Professor
171	Dr. Beena Devendra Baloni	Associate Professor
172	Dr. Bharat Mohanbhai Sutaria	Associate Professor
173	Dr. Devdas Ishwarbhai Lalwani	Associate Professor
174	Dr. Harshitkumar Kishorchana Dave	Associate Professor
175	Dr. Hemant Kumar Bhupendrabhai Mehta	Associate Professor
176	Dr. Jyoti Vinay Menghani	Associate Professor
177	Dr. Mahendrakumar Bhagvandas Maisuria	Associate Professor
178	Dr. Purnanand Vishwanathrao Bhale	Associate Professor
179	Dr. Ravi Kant	Associate Professor
180	Dr. Rupesh Dineshbhai Shah	Associate Professor
181	Shri Dipakkumar Babubhai Gohil	Associate Professor
182	Dr. Achchhelal Banshraj	Assistant Professor
183	Dr. Ashish Vasantlal Doshi	Assistant Professor
184	Dr. Dinesh Singh	Assistant Professor
185	Dr. Manishkumar Kaniyalal Rathod	Assistant Professor
186	Dr. Mukund Haribhai Bade	Assistant Professor
187	Dr. Sandeep Soni	Assistant Professor
188	Dr. Shaileshkumar Natvarlal Pandya	Assistant Professor
189	Dr. Vikram Parshottambhai Rathod	Assistant Professor
190	Dr. Vimalkumar Khandubhai Patel	Assistant Professor
191	Dr. Vivek Devidas Kalyankar	Assistant Professor
192	Shri Ajaybhai Bhanubhai Makwana	Assistant Professor
193	Dr. Anilkumar Mahto	Assistant Professor
194	Shri Nikunj Kumar Ganeshbhai Patel	Assistant Professor
195	Dr. Amit Kumar Fateh Singh	Assistant Professor Grade-II
196	Dr. Amit Kumar Om Pal Singh	Assistant Professor Grade-II
197	Dr. Biranchi Narayan Sahoo	Assistant Professor Grade-II
198	Dr. Kamallesh Arun Sorate	Assistant Professor Grade-II
199	Dr. Krishna Kishore Mugada	Assistant Professor Grade-II
200	Dr. Mulay Amrut Shrikant	Assistant Professor Grade-II
201	Dr. Naresh Yarramsetty	Assistant Professor Grade-II
202	Dr. Neeraj Srivastava	Assistant Professor Grade-II
203	Dr. Nikhil Ashokbhai Baraiya	Assistant Professor Grade-II
204	Dr. Pallvita Yadav	Assistant Professor Grade-II
205	Dr. Prabhansu	Assistant Professor Grade-II
206	Dr. Rajesh Choudhary	Assistant Professor Grade-II
207	Dr. Raju Prasad Mahto	Assistant Professor Grade-II
208	Dr. Ram Singar Yadav	Assistant Professor Grade-II
209	Dr. Rayasam Srilakshmi	Assistant Professor Grade-II
210	Dr. Rohan Rahul Pande	Assistant Professor Grade-II
211	Dr. Rohit Tamrakar	Assistant Professor Grade-II
212	Dr. Sumit Khare	Assistant Professor Grade-II
213	Dr. Sunil Kumar	Assistant Professor Grade-II
214	Dr. Susanta Behera	Assistant Professor Grade-II
215	Dr. Vipul Mangalbai Patel	Assistant Professor Grade-II
216	Dr. Yogendra Vasant Rao Kuwar	Assistant Professor Grade-II
<b>Department of Physics</b>		
217	Dr. Kamlesh Nikulkumar Pathak	Professor
218	Dr. Ajaykumar Gajadhar Rai	Associate Professor

Sr. No.	Name	Designation
219	Dr. Debesh Ranjan Roy	Associate Professor
220	Dr. Dimple Vitrag Shah	Associate Professor
221	Dr. Vipulkumar Amirbhai Kheraj	Associate Professor
222	Dr. Lalitkumar Saini	Assistant Professor
223	Dr. Yogeshkumar Ashokbhai Sonvane	Assistant Professor
224	Dr. Shail Pandey	Assistant Professor Grade-II
225	Dr. Dipikaben Baldevbhai Patel	Assistant Professor Grade-II
226	Dr. Himanshu Pandey	Assistant Professor Grade-II
227	Dr. MithunKarmakar	Assistant Professor Grade-II
228	Dr. Sharad Kumar Yadav	Assistant Professor Grade-II
229	Dr. Vikash Kumar Ojha	Assistant Professor Grade-II
<b>Physical Education Section</b>		
230	Dr. Nisithkumar Sahdev Datta	Associate Professor

#### 4.3 Administrative & Other Staff:

##### 4.3.1 List of Administrative Staff as on 30/06/2022.

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	Dr. Parmar Dilay Amarbhai	Technical Officer
11	Dr. Neha Sharma	Medical Officer
12	Mrs. M. P. Mody	Superintendent
13	Mrs. S. J. Pathak	Superintendent
14	Shri P. D. Bhatt	Superintendent
15	Shri K. P. Solanki	Superintendent
16	Mrs. M. A. Patel	Assistant(SG-I)
17	Shri A. V. Panchal	Assistant(SG-I)
18	Shri R. D. Ruparel	Assistant(SG-I)
19	Shri M. C. Vania	Assistant(SG-I)
20	Mrs. R. M. Garasia	Assistant(SG-I)
21	Shri V. R. Patel	Assistant(SG-II)
22	Ms. P. K. Bhagwagar	Senior Assistant
23	Shri C. M. Suthar	Senior Assistant
24	Mrs. P. H. Kantharia	Senior Assistant
25	Shri M. L. Patel	Senior Assistant
26	Shri R. J. Patel	Senior Assistant
27	Shri Dilip Rathod	Senior Assistant
28	Shri B. K. Patel	Senior Assistant
29	Shri R. B. Solanki	Senior Assistant
30	Shri Arvind R. Prajapati	Junior Assistant

Sr. No.	Name of the Employee	Designation
31	Mrs. C.R. Parmar	Junior Assistant
32	Dr. Patij K. Shah	Technical Assistant (SG-I)
33	Shri P.P. Vankar	Technical Assistant (SG-II)
34	Shri G.S. Shah	Technical Assistant (SG-II)
35	Ms. M.S. Patel	Technical Assistant (SG-II)
36	Shri A.B. Bilimoria	Technical Assistant (SG-II)
37	Shri G.J. Panchal	Senior Technical Assistant
38	Shri B.D. Mistry	Senior Technical Assistant
39	Shri G.B. Master	Senior Technical Assistant
40	Shri P.R. Sivadasan	Senior Technical Assistant
41	Shri J.J. Prajapati	Technician (SG-I)
42	Shri R.M. Vasava	Technical Assistant
43	Shri M.T. Patel	Technical Assistant
44	Shri M.S. Rathwa	Technician (SG-I)
45	Shri B.S. More	Technician (SG-I)
46	Shri D.M. Rathod	Technician (SG-I)
47	Shri N.D. Patel	Technician (SG-I)
48	Shri A.M. Mistry	Technician (SG-I)
49	Shri V.B. Rathod	Technician (SG-II)
50	Shri R.N. Chauhan	Technician (SG-II)
51	Shri V.G. Patel	Technician (SG-II)
52	Shri Praful M. Patel	Senior Technician
53	Shri Gaurav Mahida	Senior Technician
54	Shri Ashish N. Gamit	Technician
55	Shri Mukesh A. Patel	Technician
56	Shri N.J. Patel	Technician
57	Shri S.H. Bhagat	Technician
58	Shri K.D. Gamit	Office / Lab Attendant (SG-I)
59	Shri A.R. Kothari	Office / Lab Attendant (SG-I)
60	Shri K.P. Surati	Office / Lab Attendant (SG-I)
61	Shri B.K. Patel	Office / Lab Attendant (SG-I)
62	Shri S.R. Jadav	Office / Lab Attendant (SG-I)
63	Shri A.H. Chavda	Office / Lab Attendant (SG-I)
64	Shri K.D. Surati	Office / Lab Attendant (SG-I)
65	Shri H.D. Umarvanshi	Office / Lab Attendant (SG-I)
66	Shri J.G. Umrigar	Office / Lab Attendant (SG-I)
67	Shri Ankur Arthania	Office / Lab Attendant (SG-II)
68	Shri Jayram Behra	Office / Lab Attendant (SG-II)
69	Shri B. J. Vasava	Senior Office / Lab Attendant

#### 4.3.2 List of employees superannuated / retired / resigned / relieved during the year 2021-22.

Sr. No.	Name	Designation	Date of Superannuation / Vol. Retirement / Expired
1.	Shri J.J. Patel	Asso. Prof.	Voluntary retirement on 31/08/2021
2.	Dr. (Mrs.) M.D. Gohil	Asso. Prof.	Voluntary retirement on 31/08/2021
3.	Prof. S.R. Gandhi	Director	Superannuated on 23/10/2021
4.	Shri M.G. Azam	Office Attdt.	Superannuated on 31/12/2021

Sr. No.	Name	Designation	Date of Superannuation / Vol. Retirement / Expired
		(SG-I)	
5.	Shri Mrityumjay kumar M.	Asst. Registrar	Resigned on 20/10/2021
6.	Shri Peela Krishna Chaitanya	Asst. Registrar	Resigned on 25/11/2021

**Deceased employees during the year as detailed below:**

- (1) Shri P.K. Solanki, Office Attdt. (SG-I) expired on 16/03/2022.

**4.3.3 List of employees on Extra-Ordinary Leave / Deputation / Lien / Sabbatical Leave during the year 2021-22.**

Sr. No.	Name	Designation	Remarks
1.	Dr. Dhananjay Gopal	Asst. Prof.	Lien of 2 years completed on 18/06/2022
2.	Mrs. Rasika Dhavase	Asso. Prof.	Sabbatical leave from 13/08/2021 to 12/02/2022

**4.3.4 Staff position as on 30/06/2022**

Sr. No.	Cadre	Sanctioned	In position	Vacant
<b>Academic</b>				
01	Director (Head of the Institute)	01	01	00
02	Professor	296	42	67
03	Associate Professor		66	
04	Assistant Professor		121	
	<b>Sub Total (A)</b>	<b>296+01</b>	<b>229+01</b>	<b>67</b>
<b>Administrative</b>				
01	Registrar	01	01	00
02	Deputy Registrar	05	01	04
03	Assistant Registrar	06	02	04
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	01	00
	<b>Sub Total (B)</b>	<b>30+01</b>	<b>10+01</b>	<b>20</b>
01	Technical Assistant / SAS Asst. / LIC Asst. / Jr. Engineer	35	02	33
02	Sr. Tech. Asstt. / Sr. SAS Asst. / Sr. SIS Asst. / Sr. Asst. Engr. / 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
	<b>Total (I)</b>	<b>89</b>	<b>11</b>	<b>78</b>
01	Technician	35	04	31

Sr. No.	Cadre	Sanctioned	In position	Vacant
02	Senior Technician	26	02	24
03	Technician (SG-II) / Pharmacist	18	03	15
04	Technician (SG-I)	09	06	03
	<b>Total (II)</b>	<b>88</b>	<b>15</b>	<b>73</b>
	<b>Sub Total (C) (I+II)(Higher + Lower)</b>	<b>177</b>	<b>26</b>	<b>151</b>
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
	<b>Total (III)</b>	<b>24</b>	<b>04</b>	<b>20</b>
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
	<b>Total (IV)</b>	<b>50</b>	<b>16</b>	<b>34</b>
	<b>Sub Total (D) (III+IV) (Higher + Lower)</b>	<b>74</b>	<b>20</b>	<b>54</b>
01	Office Attendant / Lab Attendant	17	00	17
02	Sr. Office Attendant / Sr. Lab Attendant	13	01	12
03	Office Attendant (SG-II) / Lab Attdt. (SG-II)	09	02	07
04	Office Attendant (SG-I) / Lab Attdt. (SG-I)	05	11	-06
	<b>Sub Total (E)</b>	<b>44</b>	<b>14</b>	<b>30</b>
	<b>Grand Total (A+B+C+D+E)</b>	<b>621+02</b>	<b>305+02</b>	<b>316</b>

#### 4.3.5 Brief Summary of Staff Positions as on 30/06/2022

Sr. No.	Cadre	Sanctioned	In Position	Vacant
01	Director	01	01	00
02	Professor	296	42	67
03	Associate Professor		66	
04	Assistant Professor		121	
	<b>(Teaching) Sub Total (A)</b>	<b>296+01</b>	<b>229+01</b>	<b>67</b>
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
	<b>(Non-Teaching) Sub Total (B)</b>	<b>325+01</b>	<b>71+01</b>	<b>254</b>
	<b>GRAND TOTAL (A+B)</b>	<b>621+02</b>	<b>300+02</b>	<b>321</b>

#### 4.4 Details of status of filing of backlog vacancies:

Year	Faculty	Non-faculty
2021-22	NIL	NIL

## 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	:	<b>Prof. Anupam Shukla</b> 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.	:	<b>Ms. Saumya Gupta, IAS</b> Joint Secretary (NITs) Department of Higher Education, Ministry of Education, New Delhi-110001.
			<b>Mrs. Darshana Dabral</b> 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.	:	<b>Shri Rajiv Gandhi</b> CEO & Managing Director Hester Biosciences Ltd., Ahmedabad B/3, 399 Apartment, Opp: Nehru Foundation, Bodkadev Ahmedabad-380 054
			<b>Shri Manharbhai Sanspara</b> Chairman, Euro India Fresh Foods Ltd., Surat F-1177, Green Avenue Complex, Ghod dod Road, Athwalien, Surat.
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;	:	<b>Vacant</b> (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.	:	<b>Prof. Harit K. Raval</b> Professor, Deptt. of Mech. Engg., SVNIT, Surat.
			<b>Dr. Namrata D. Jariwala</b> Asso. Prof., Department of Civil Engg., 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	:	<b>Prof. Amit Prashant</b> Professor, Civil Engg. Deptt., IIT, Gandhinagar
08	Registrar of the Institute – Ex-officio Secretary	:	<b>Dr. Pramod Mathur</b> Registrar, SVNIT, Surat.



### 5.3 LIST OF SENATE MEMBERS

Sr. No.	Name	
1	<b>Prof. Anupam Shukla</b> Director, SVNIT, Surat	Chairman
2	<b>Prof. Premlal Patel</b> Deputy Director, SVNIT, Surat & Professor (HAG), Deptt. of Civil Engineering	Member
3	<b>Dr. Gajendra K. Adil</b> Professor- Shailesh J. Mehta School of Management, Indian Institute of Technology Bombay, Powai, Mumbai – 400 076	Member
4	<b>Dr. Chebrolu Pulla Rao,</b> FAPAS, FNASc, FASc, FNA, JC Bose National Fellow, Professor & Head Chemistry, IIT, Tirupati, Tirupati-Renigunta Road, Settipalli Post, Tirupati – 517 506 (Andhra Pradesh)	Member
5	<b>Dr. G. Bhuvaneshwari</b> Professor, Department of Electrical Engineering Room No. II/219, I.I.T. Delhi, HauzKhas, New Delhi-110016	Member
6	<b>Prof. Ravipudi Venkata Rao</b> Professor (HAG), Deptt. of Mechanical Engineering & Dean (Faculty Welfare)	Member
7	<b>Prof. Z. V. P. Murthy</b> Professor (HAG), Deptt. of Chemical Engineering	Member
8	<b>Prof. Parimal Amratlal Parikh</b> Professor (HAG), Deptt. of Chemical Engineering	Member
9	<b>Prof. Mousami Chakraborty</b> Professor, Deptt. of Chemical Engineering	Member
10	<b>Prof. Jigishaben Kamal Parikh</b> Professor, Deptt. of Chemical Engineering	Member
11	<b>Prof. Dhiren R. Patel</b> Professor, Deptt. of Computer Engineering	Member
12	<b>Prof. Harit Kishorchandra Raval</b> Professor (HAG), Deptt. of Mechanical Engineering	Member
13	<b>Dr. Dipakkumar Pravinchandra Vakharia</b> Professor, Deptt. of Mechanical Engineering	Member
14	<b>Dr. Keyur Pushpavadan Desai</b> Professor, Deptt. of Mechanical Engineering	Member
15	<b>Dr. Shailendra Kumar</b> Professor, Deptt. of Mechanical Engineering	Member
16	<b>Dr. Abdulhafiz Abdulkhaliq Shaikh</b> Professor, Deptt. of Mechanical Engineering	Member
17	<b>Dr. Tushar Narenabhai Desai</b> Professor, Deptt. of Mechanical Engineering	Member
18	<b>Dr. Atulbhai Kantilal Desai</b> Professor, Deptt. of Civil Engineering	Member
19	<b>Dr. Sandip Arvindlal Vasanwala</b> Professor, Deptt. of Civil Engineering	Member
20	<b>Dr. Chandresh Himmatlal Solanki</b> Professor, Deptt. of Civil Engineering	Member
21	<b>Dr. Jayantilal Naginbhai Patel</b> Professor (HAG), Deptt. of Civil Engineering	Member
22	<b>Dr. Sanjaykumar Madhusudan Yadav</b> Professor, Deptt. of Civil Engineering	Member
23	<b>Dr. Robin Alfred Christian</b> Professor, Deptt. of Civil Engineering	Member

<b>Sr. No.</b>	<b>Name</b>	
24	<b>Dr. Krupeshbhai Ambubhai Chauhan</b> Professor, Deptt. of Civil Engineering	Member
25	<b>Dr. Moideen Mansoor Ahammed</b> Professor, Deptt. of Civil Engineering	Member
26	<b>Dr. Rakesh Kumar</b> Professor, Deptt. of Civil Engineering	Member
27	<b>Dr. Prashitbhai Girishbhai Agnihotri</b> Professor, Deptt. of Civil Engineering	Member
28	<b>Dr. Anandita Chowdhury</b> Professor, Deptt. of Electrical Engineering	Member
29	<b>Dr. Chudamani Rajagopalan</b> Professor& Head, Deptt. of Electrical Engineering	Member
30	<b>Dr. Varsha Ajit Shah</b> Professor, Deptt. of Electrical Engineering	Member
31	<b>Dr. Upena Devang Dalal</b> Professor, Deptt. of Electronics Engineering	Member
32	<b>Dr. Jignesh Natvarlal Sarvaiya</b> Professor, Deptt. of Electronics Engineering	Member
33	<b>Dr. Smita Manish Jauhari</b> Professor, Deptt. of Chemistry	Member
34	<b>Dr. Ajaykumar Rammurti Shukla</b> Professor, Deptt. of Mathematics & Humanities	Member
35	<b>Dr. Neeru Adlakha</b> Professor, Deptt. of Mathematics & Humanities	Member
36	<b>Dr. Kamlesh Nikulkumar Pathak</b> Professor, Deptt. of Physics	Member
37	<b>Dr. Vikas Harishchana Pradhan</b> Professor, Deptt. of Mathematics & Humanities	Member
38	<b>Dr. Chetankumar Devjibhai Modhera</b> Professor (HAG), Deptt. of Civil Engineering	Member
39	<b>Dr. Deveshkumar Chhabildas Jinwala</b> Professor (HAG), Deptt. of Computer Science and Engg. & Dean (Research & Consultancy)	Member
40	<b>Dr. Vivek Laxmikant Manekar</b> Professor, Deptt. of Civil Engineering & Dean (Planning & Development)	Member
41	<b>Dr. Shambhu Nath Sharma</b> Professor, Deptt. of Electrical Engineering & Dean (Academic)	Member
42	<b>Dr. Jyotirmay Janmay Banerjee</b> Professor& Head, Deptt. of Mechanical Engineering	Member
43	<b>Dr. Ashish Kiranbhai Panchal</b> Professor, Deptt. of Electrical Engineering	Member
44	<b>Dr. Mukesh Ajitkumar Zaveri</b> Professor& Head, Deptt. of Computer Engineering	Member
45	<b>Dr. Gaurang Jayantilal Joshi</b> Professor& Head, Deptt. of Civil Engineering	Member
46	<b>Dr. Pramod Mathur</b> Registrar, SVNIT, Surat	Secretary

**5.4 FINANCE COMMITTEE:**

01	The Chairman, Ex-officio	:	<b>Vacant</b>
02	Two persons nominated by Central Government	:	<b>Ms. Saumya Gupta, IAS</b> Joint Secretary (NITs) Department of Higher Education, Ministry of Education, New Delhi-110001.
			<b>Mrs. Darshana Dabral</b> Joint Secretary & Financial Advisor Integrated Finance Division Ministry of Education, ShastriBhawan New Delhi-110 001
03	Two persons nominated by the Board amongst its members	:	<b>Prof. Harit K. Raval</b> Professor, Deptt. of Mech. Engg., SVNIT, Surat.
			<b>Dr. Namrata D. Jariwala</b> Asso. Prof., Deptt. of Civil Engg., SVNIT, Surat
04	The Director, Ex-officio	:	<b>Prof. Anupam Shukla</b> Director, SVNIT, Surat.
05	The Registrar, Ex-officio, Member Secretary	:	<b>Dr. Pramod Mathur</b> Registrar, SVNIT, Surat.

**5.5 BUILDING & WORKS COMMITTEE:**

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

## 6.0 FINANCIAL STATUS

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

Source of Fund	(Recurring) & (Non-Recurring)		
	2019-20	2020-21	2021-22
OH- 31	8187.00	6626.25	6620.31
OH-35	160.00	1391.75	1000.00
OH-36	6400.00	7141.35	7962.00
<b>Total</b>	<b>14747.00</b>	<b>15159.35</b>	<b>15582.31</b>

### 6.2 Details of other receipts (Rs. In Lakhs)

Particulars	2019-20	2020-21	2021-22
Academic Receipt	3419.46	3497.30	3814.97
Other than Academic Receipt i.e. Rent from Staff Qtrs., Bank / Hostel / Post Office/ Canteen, Interest on FDR, etc.	649.44	533.01	1141.07
<b>Total</b>	<b>4068.90</b>	<b>4030.31</b>	<b>4955.97</b>

### 6.3 Expenditure position (Rs. in Lakhs)

Particulars	2019-20	2020-21	2021-22			Total 2021-22
			OH-31	OH-35	OH-36	
Recurring (OH-31 & 36) Expenditure	12295.50	16746.26	6793.76	--	6516.14	13309.90
Non Recurring (OH-35) Expenditure	923.91	1215.78	--	3095.71	--	3095.71
<b>Total</b>	<b>13219.41</b>	<b>17962.04</b>	<b>6793.76</b>	<b>3095.71</b>	<b>6516.14</b>	<b>16405.61</b>

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

Particulars	2019-20		2020-21		2021-22	
	Receipt	Expenditure	Receipt	Expenditure	Receipt	Expenditure
Receipt under DST Project/BRNS Project	106.34	172.42	23.66	44.97	208.30	14.67
Receipt under CSIR & Other projects	300.97	414.68	259.62	489.60	438.17	194.27
<b>Total</b>	<b>407.31</b>	<b>587.10</b>	<b>283.28</b>	<b>534.57</b>	<b>646.47</b>	<b>208.89</b>

## 7.0 RESEARCH & CONSULTANCY

### 7.1 Proposed Plan for Research

Dean (R&C) office provides support in processing activities related to Research Projects, Consultancy Assignments, Technology transfer, testing receipts, Fellowships of research scholars under various schemes, renders 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 records and further pushing for the financial settlement of grant/ consultancy amount. Moreover, this office aims to establish an IPR cell for converting research innovations into patents and thereby creating a mechanism for increasing the IRG of the institute.

No of Projects	Sanctioned amount	Received Amount	Expenses	Balance
86	30,15,62,994/-	6,30,76,201/-	2,08,96,913/-	9,53,24,527/-

### 7.2 Research Projects Details (F.Y. 2021-22)

Department of Mechanical Engineering						
Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	Date of Allot-ment	Status
1	Combustor Technology Development for small Gas Turbine / Turbo fan Engine	DRDO CoPT	Dr. S. A. Channiwala	1,74,32,000	02.05.17	Ongoing
2	Study of Slurry Erosion behaviour of Highly Entrophy Alloy Coating	SERB	Dr. Jyoti V. Meghani	27,72,000	22.08.17	Completed (2021-22)
3	Investigations on a Novel Stacked Minichannel Heat Sink using Efficient Coolants	SERB	Dr H B Mehta	24,47,500	5.10.17	Ongoing
4	Performance optimization of air conditioning system for automative sector using new LOW GWP R1234yf refrigerant	SERB, DST	Dr. Ashok D. Parekh	21,45,000	22.01.19	Ongoing
5	CSIR BHATNAGAR FELLOWSHIP 2018 "Development Of Hybrid Plasma Gasification Technology for MSW Management	CSIR HRD Group, New Delhi	Dr. S. A. Channiwala	78,00,000	01.01.19	Ongoing
6	Investigations on Wear Characteristics of NiCrBSi Overlay Surface on 304 SS with and without Tungsten Carbide Reinforcement	The Institution's of Engineering, India	Dr. V. D. Kalyankar	1,20,000	11.10.19	Ongoing
7	Linear Stability Analysis of Interface Dynamics in Two Phase Jets	SERB	Dr. J Banerjee	6,60,000	04.03.2020	Ongoing
8	Development Of A Novel High Entrophy Alloy Reinforced Magnesium Composites to Reduce Tension-Compression Yield Asymmetry Trough Ultrasonic Assisted Liquid State Processing Route	SERB	Dr. Biranchi Narayan Sahoo	28,64,340	27.11.20	Ongoing
9	Industrial suitability and commercialization of novel	SERB	Dr. Amrut Shrikant Muly	16,74,240	08.02.21	Ongoing

Department of Mechanical Engineering						
Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	Date of Allot-ment	Status
	SPIF process for DC04 steel and Ti Gr.2 materials					
10	Investigations on Flow deflection about savonius Hydrokinetic Turbines and design evolution with Core Technical Concepts	SERB	Dr. Vimal K. Patel Dr. Vikram P. Rathod	20,24,000	18.3.21	Ongoing
11	Gujarat Robofest 2.0 Competition (Making the robot at the power exoskeleton category)	GUJCOST	Dr. Harshit K Dave	50,000	30.3.21	Ongoing
12	Gujarat Robofest 2.0 Competition (Making the robot in the underwater robot category)	GUJCOST	Dr. Harshit K Dave	50,000	30.3.21	Ongoing
13	Gujarat Robofest 2.0 Competition (Making the robot at the pipe climbing robot category)	GUJCOST	Dr. Harshit K Dave	50,000	30.3.21	Ongoing
14	Gujarat Robofest 2.0 Competition (Making the robot at the four legged robot category)	GUJCOST	Dr. Harshit K Dave	50,000	30.3.21	Ongoing
15	Solar Drying cum Moisture Extraction from Herbs	DST	Dr. Rohan Pande	2,50,000	23.11.21	Ongoing
16	A loop Heat pipe based Novel BTMS for Hybrid Vehicales/ Electric Vehicles	SERB	Dr. Hement Mehta Dr. V. M. Patel Dr. Yaresh Yamsetty	36,44,696	04.01.22	Ongoing
17	Mechanical and Microstructural Behaviour of Laser Based Direct Enegrgy Deposited wire Arc-Additive Manufactured Ti-6A1-4V Components	DRDO (Aeronautics R&D)	Dr. Biranchi Narayan Sahoo Dr. Ajay Kumar (IIT, Tirupati) Dr. Raju Prasad Mahto Dr. D. V. Kiran (IIT Tirupati)	10,60,000	11.01.22	Ongoing
18	Design and Development of solar Driven Water Generation System based on Desiccant wheel	DST	Dr. Amit Kumar	20,54,840	19.1.22	Ongoing
19	DST-FIST - To Strengthen the research facilities in the department	DST FIST	Dr. J Banerjee Dr. P.V. Bhale Dr. H. B. Mehta Dr. R.D. Shah Dr. Nikhil A. Baraiya Dr. Y. Naresh Dr. Rohan Pande	1,02,00,000	8.3.22	Ongoing
20	Finishing of 3D-Printed parts using an axail abrasive flow machining process	SERB, DST	Dr Bhargave Prajwal Pathri (Woxen Uni. Hyderabad, Telangana) Dr. Shailendra Kumar (Mentor)	18,30,000	17.3.22	Ongoing
21	Development, Characterization and Performance Elevelutio of Multi-Phase Composite Panels	SERB DST	Dr. Achchhe Lal	14,22,283	22.3.22	Ongoing

Department of Chemistry						
Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	Date of Allotment	Status
1	DST Project -" Use of inorganic and hybrid sorbents / exchangers for removal of toxic metals from industrial waste water"	DST	Dr. Kalpana Maheria (PI) Dr. Lalita Choudhary (Co.PI)	31,40,000	30.03.2015	Completed (2021-22)
2	SERB Project - Functional Variants of Mussel Inspired Biomaterial Surface; effect to Surface Functional Groups on antibiofilm Properties\	SERB	Dr.Rajendra Kumar	28,91,000	08.03.16	Ongoing
3	Design of Green Synthetic Approaches for Automatically Precise Nanocluster their specific Interactions : Development of Miniaturised Analytical Method	SERB	Dr. S.K. Kailasa Z.V.P. Murty (Co-PI )	35,04,655	20.07.17	Ongoing
4	Micro structural aggregates in the task - specific Biodegradable Surface active "Greener""Ionics Liquids (CRS-M276)	UCG-DAE-CSR	Dr. Naved Malek	4,05,000	18.12.17	Completed (2021-22)
5	Syntheses of Biologically active Heterocyclic Drug cores via multiple C-H bond Activation	CSIR	Dr. Togati Naveen	33,95,830	29.9.21	Ongoing
6	Dye separation from Waste Water through Molecular Sieving Membranes of Covalent-Organic Frameworks	DST	Dr. Ritambhara Jangir	28,53,784	15.12.21	Ongoing
7	Development of autocatalytic enzyme-free nucleic acid amplification methods compatible with point of care diagnostics	SERB	Dr. Subrata Dutta	31,81,040	04.01.22	Ongoing

Department of Mathematics & Humanities						
Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	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	SERB,DST	Dr.Sushil Kumar	16,20,518	05.06.18	Ongoing
2	Simulation and Land data assimilation to community land model for improving rice crop dynamics	ISRO	Dr. R. K .Jana	22,20,000	11.03.2020	Ongoing
3	A Need-based Approach to Underastanding the Employ ability skills of engineers	Grand Academic Portal, NGO	Dr. Urvashi Kaushal	50,000	17.06.21	Ongoing
4	DST-FIST	DST-FIST	Prof. A. K. shukla Prof. V. H. Pradhan Dr. Sushil kumar Dr. JayeshDhodiya Dr. Ramakanta Meher	70,00,000	8.3.22	Ongoing
5	Numerical Simulation of cancer treatment therapies hyperthermia and chemotheraph in multi dimensional irregular domain	SERB,DST	Dr. Sushil Kumar	6,60,000	15.3.22	Ongoing

Department of Physics						
Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	Date of Allotment	Status
1	BRNS Project –Ground – State properties of low dimensional quantum systems.	BRNS	Dr. L. K.Saini	14,49,250	27.09.13	Ongoing
2	SERB Project – Strongly – correlated electronics materials, Topological quantum nano – materials	SERB	Dr. L. K. Saini	14,04,000	24.02.14	Ongoing
3	SERB Project - Novel perovskite-based solar cells : Investigation of potential properties using ab-initio approaches	SERB	Dr. Y. A. Sonavne	30,09,000	02.03.2017	Ongoing
4	Development of Novel Cluster Assembled Material from Potential Cluster Motifs : A new Insight under density Functional Investigation	SERB	Dr. Debesh Ranjan Roy	27,69,594	03.07.17	Ongoing
5	conducting polymer nanocomposite (CPC) for selective and sensitive sensor detection of explosive array	DST-SERB	Dr. Swati Saxena	19,20,000	25.09.18	Ongoing
6	FIST - 2017	DST-FIST	Dr. Vipul Kheraj	1,18,00,000	18.06.19	Ongoing
7	"TEC Data ingestion to ionospheric models from Indian EIA region to improve models predictions"	Women Scientist Scheme-WOS-A DST	Dr. Sheetal P. Karia	25,50,000	05.07.19	Ongoing
8	Study of breakup reactions involving weakly bound projectile nuclei at Coulomb barrier energies	SERB	Dr. Dipika B. Patel	21,31,200	19.02.2020	Ongoing
9	Group III-V Inorganic Semiconductor Clusters for Future Nanoelectronics Applications	SERB	Dr. Debesh Ranjan Roy	33,67,513	16.01.21	Ongoing
10	Physics and application of Plasma-surface interaction: tuning effect of Pulsed microwave electric field and magnetic field	DST-INSPIRE	Dr. Shail Pandey	35,00,000	16.07.21	Ongoing
11	Investigation of Novel Heusler Alloy thin Films for Energy and spintronics Applications	DST	Dr. Himanshu Pandey	47,30,000	6.12.21	Ongoing
12	Nanostructured metal oxide-drug assemblies and their interaction mechanism with biomolecules: A joint experimental and first principal investigation for possible therapeutic applications	SERB	Dr. Sutapa Mondal Roy, Uka-Tarasadia univ. Dr. Debesh Ranjan Roy	18,30,000	20.1.22	Ongoing
13	Systematic study of exotic nuclear systems using macro-microscopic and phenomenological approach	CSIR	Dr. Rajni Sunil Kumar Dr. A.K.Rai (Mentor)	18,72,000	03.02.22	Ongoing



Department of Civil Engineering						
Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	Date of Allotment	Status
1	Strengthens the research facilities in the area of :Flow Structures and Turbines	DST-FIST	Dr. V. L. Manekar	1,75,00,000	21.11.14	Ongoing
2	Some Studies on Performance of Previous Concrete for improving soft Ground	Gujcost	Pof. J. B. Patel	6,92,000	20.06.16	Ongoing
3	DST - NIMAT (MOU - EDI) - To create techno-entrepreneurs and resource persons through Entrepreneur Development Programme Strategy	DST - NIMAT (MOU - EDI)	Dr. C. D. Modhera	2,00,000	22.08.16	Ongoing
4	Unnat Bharat Abhiyan Cell	MHRD (IIT Delhi)	Dr. K. D. Yadav	1,75,000	23.02.17	Ongoing
5	Preparation of State of Art Report (SOAR) on Preparation of Constriction Safety Manual	MROTH	Dr. Dilip Patel	8,36,900	21.07.17	Ongoing
6	IT Indian Heritage Platform Enhancing Cultural Resilience in India by Applying Digital Technologies to the Indian Tangible and Intangible Heritage	Indian Council of Historical Research	Dr. D. A. Patel	10,00,000	15.02.18	Ongoing
7	Impact of Climate change on water Resources of Sabarmati Basin	Ministry of Water Resources, RD & GR	Dr.Vimal Mishra Dr.P. L. Patel	84,91,560	19.03.18	Ongoing
8	Impact of Climate change on Water Resources of Tapi Basin	Ministry of Water Resources, RD & GR	Dr.P. L.Patel Dr.P. V. Timbadiya Dr.Rohit Goyal Dr.Vishnu prasad	1,35,84,560	13.03.18 (07.11.2016 Saction Date)	Ongoing
9	Securing Water for Agricultural and Food Sustainability: Developing Transdisciplinary Approach to Groundwater Management	MHRD	Dr. J. N. Patel	58,51,495	30.04.19	Ongoing
10	Development of Framework to Measure Sustainability Index Of Transportation Systems In Indian Metropolitan Cities	Ministry of Housing and Urban Affairs	Dr. S Arkatkar Dr. G. J. Joshi	82,32,000	22.02.19	Ongoing
11	Warrant for Automation of toll Plazas under Mixed Traffic Conditions	DST-DAAD	Dr. Ashish Dhamania	7,67,000	13.04.21	Ongoing
12	Graphane-Based Nano materials in Property Enhancement of Cement Composities & Concrete under GIJCOST STI Policy	Gujcost	Dr. G R. Vesmawala	27,77,500	08.06.21	Ongoing
13	Conflict Assessment at Diverging and merging area of Toll plaza by surrogate safety measures under mixed traffic conditions	CSIR	Dr. Ashish Dhamania Dr. A Mohan Rao Sr. Pr. CSIR, New Delhi	21,30,000	10.08.21	Ongoing

14	Development of Trip Generation Manual for Indian cities	CSIR	Dr. Shrinivas Arkatkar Dr. G J Joshi	8,69,000	31.12.21	Ongoing
15	Augmenting Ridership in Operating Metro Rail in Indian Cities	Indian Metro Rail Organizations' society	Dr. Gaurang J. Joshi Dr. S.S. Arkatkar	10,50,000	25.01.22	Ongoing
16	Local scouring around tandem and staggered bridge piers on non uniform mobile bed	SERB.DST	Dr. P. V. Timbadiya Prof P.L. Patel	58,75,890	03.02.22	Ongoing
17	CCPDM-Circular Cemetitions Products Embedding Digital Manufacturing	LSBU London (Inter national joint)	Dr. D.A.Patel Dr. Kashyap Patel Dr. B.Kondrivendam	4,04,160	11.02.22	Ongoing
18	Performance Evaluation of Cement Concrete Pavements in Rural Roads	National Rural Infrastructure Development Agency, New Delhi	Dr. Shrinivas Arkatkar Dr. G J Joshi	22,04,000	30.03.22	Ongoing

### Department of Chemical Engineering

Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	Date of Allotment	Status
1	SERB Project - " A Study on ultrasound assisted crystallization of clopidogrel hydrogen sulfate"	SERB	Dr. S. R.Patel	15,76,000	08.07.15	Ongoing
2	Study of Microbial Consotria in Microbial fuel cell	DST (WOS A)	Dr. A. K.Mungray	17,05,000	28.07.15	Ongoing
3	GUJCOST Project Studies on interfacial characteristics of Liquid system	GUJCOST	Dr. V. N. Lad	5,10,000	28.03.16	Completed (2021-22)
4	SERB Project - Integration of Septic Tank and Microbial fuel cell : Novel Hybrid system for sustainable treatment of domestic waste water	DST - SERB	Dr. Arvind Kumar Mungray	31,18,000	14.03.2017	Completed (2021-22)
5	Synthesis and Characterization of semiconductor / oxide materials for cost effective pervoskite solar cells modules	SERB	Dr. Jignasa V. Gohel	16,32,000	28.06.2017	Completed (2021-22)
6	The near future air cathode Osmotic microbial fuel cell (OMFC) for wastewater treatment,electricity generation and pure water extraction	SERB,DST	Dr.Alka A. Mungray	28,46,000	20.03.18	Ongoing
7	Mango Waste Valorization Through Biorefining Concept: A Sustainable and Greener Approach	SERB,DST	Dr. Meghal A. Desai Dr. G. C. Jadeja	50,60,880	10.10.18	Ongoing
8	Ultrasonic Microreactor for Production of Nano-Micro Particles of Poorly water Soluble Active Pharmaceutical Ingredients (API)	SERB	Dr. Sanjaykumar Rameshbhai Patel	51,41,750	01.06.19	Ongoing
9	Development of composite thin films with simultaneous different and magnetic properties	DST	Dr. V. N. Lad	25,30,884	25.02.20	Ongoing
10	Synthesis of Artifical Sweeteners and High Value Chemicals from Biorenewable Resources using Noble Metal Aerogel Catalysts	SERB-DST	Prof. Jigisha Prarikh	21,45,264	28.5.20	Ongoing

11	Development of Drug Delivery System Based on phase Change Materials	SERB,DST	Dr. Jigisha Parikh Dr. S K Sundar	43,67,264	2.3.22	Ongoing
12	Production of Crude Oil and Phosphate Fertilizer from the Faecal Sludge : A Complete Solution for the Zero Liquid Discharge	SERB,DST	Dr. Arvind Mugrey	36,13,764	5.3.22	Ongoing
13	DST-FIST-CHED	DST	Dr. Jigisha parikh Dr. Meghal Desai Dr. Sanjay R. Patel Dr. G C Jadeja Dr. Chetan Patel	1,68,00,000	31.3.22	Ongoing

### Department of Computer Engineering

Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	Date of Allotment	Status
1	ISEA Project - " Phase - II released Grant in Aid"	ISEA	Dr. D. C. Jinwala	1,85,70,000	12.02.16	Ongoing
2	Design and Implementation of Secure Service and Attribute-based Authorization Model in Dynamic and constrained- specific IoT Environment	IHUB NTIHAC FOUNDATION IIT, Kanpur	Dr. U.P. Rao	12,20,571	12.12.21	Ongoing

### Department of Electrical Engineering

Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	Date of Allotment	Status
1	SERB Project - Development of Control Algorithms for shunt and series connected Custom Power Devices.	SERB	Dr. Sabha Raj Arya	4,10,560	17.08.16	Ongoing
2	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	SERB	Dr. Kuniseti V. Praveen kumar	28,96,910	19.01.21	Ongoing
3	Design and control of renewable energy based AC Microgrid Systems	DST	Dr. Rajesekharareddy Chilipi	32,94,500	29.12.21	Ongoing
4	Hardware Implementation of 3SS Inverter Configuration in solar Grid-Tied Systems for Effective energy Utilization Using Wide Bandgap Switches	SERB,DST	Dr. Jammala Venkatramanaiah	46,31,264	16.3.22	Ongoing
5	Wide Band Gap Device Based Next-Generation Intelligent Electric Traction Drive System for Electric Vehicle Application	SERB,DST	Dr. Sukanta Halder	30,91,061	31.3.22	Ongoing

### Department of Electronics Engineering

Sr. No.	Name of Project	Sponsoring Agency	Name of Co-ordinators	Grant Sanctioned	Date of Allotment	Status
1	SMDP Project - " SMDP C2SD Project"(Special Manpower Development Programme Chips to System Design	SMDP	Dr. A. D. Darji(PI) Prof. Pinal J. Engineer (Co-PI)	9,72,000	04.02.15	Ongoing

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2	" Young Faculty Research Fellowship	DIC – Visvesvaraya	Dr Piyush N. Patel	14,80,000	15.01.18	Ongoing
3	study&implimentation of generative Aelversariaol network (GANS) for image super-resolution :Application to image capture using CCTV Camera	SERB,DST	Dr. kishor P. Upla	23,03,180	21.08.18	Ongoing
4	Fractal metamaterial and its application to wearable antennas	DST	Dr. Kirti Inamdar Dr. Upena D. Dalal	30,14,420	10.10.18	Ongoing
5	Design and Development of Co-Planar Waveguide based Wearable Bio-Sensor for Medical Application	Department of Biotechnology	Dr. Piyush Patel Dr. Jignesh Sarvaiya	17,69,000	8.7.20	Ongoing
6	Deep learning based signal classification for position accuracy of Navlc/GPS.	DST	Dr. Darshna Jaggiwala Dr. Sweta shah (Mentor)	24,80,220	12.10.21	Ongoing
7	Caps Network-International Network for capsule Imaging in Enoscopy	Research Council of Norway (RCN), Norway	Norway University of Science and technology (NTNU) DR. Kishor P. Upla (Co-pi)	61,00,000	3.02.22	Ongoing
8	Design and development of MEMS -based portable platform with inoselective Self-Assemble Monolayer SAMs for the detection of toxic Metal Ions HMIs in ground water	DST	Dr.Anand Darji Dr. Dinesh Rotake	34,27,402	30.3.22	Ongoing

**7.3 Consultancy & Testing Details (F.Y. 2021-22)**

Sr. No.	Department	Project Amount	Total Nos. of Project
1	Department of Civil Engineering	10,30,18,526	381
2	Department of Mechanical Engineering	8,20,000	010
3	Department of Electrical Engineering	10,64,525	004
4	Department of Chemical Engineering	35,000	001
	<b>TOTAL</b>	<b>10,49,38,051</b>	<b>396</b>

**8.0 PATENTS & DESIGN (F.Y. 2021-22)****SUMMARY OF PATENTS**

Sr. No.	Name of Department	Patents filed	Patents Granted
1	Dept of Civil Engineering	03	02
2	Dept of Chemical Engineering	11	02
3	Department of Mechanical Engineering	01	02
4	Department of Chemistry	00	01
5	Department of Electronics Engineering	00	01
	<b>TOTAL</b>	<b>15</b>	<b>08</b>

**Patents granted during the year 2021-22**

Sr. No.	Deptt.	Grant Date	Patent No.	Title of Patent	Inventor(s)
1	DoC	23.02.2022	390158	"An Improved Process for the Preparation of High Molecular Weight Polylactic Acid"	Dr. Bharatkumar Z Dholakiya Mr. Choubisa Bhushan Mr. Mayank Patel
2	DoCE	12.11.2021	381773	"A System for Compositing of Flower Waste and a Method thereof"	Dr. Kunwar Durg Vijaysingh Yadav Mr. Dayanand Sharma
3	DoCE	28.01.2022	387089	"Polymer mortar composite from post-consumer PET waste modified with MMA and POFA and process for preparation thereof"	Ms. Bhagyashri Sarde Dr. Yogesh D Patil Dr. Bharatkumar Z Dholakiya
4	DoCHE	25.01.2022	387401	"Ultrasonic enhanced Y-type microchannel emulsification system and drug encapsulation process using the said system"	Dr. Sanjaykumar R Patel Ms. Preena Shrimal Dr. Girirajsinh C Jadeja
5	DoCHE	21.03.2022	392369	"Perovskite Solar Cell with Poly(3-hexylthiophene) based Gradient Heterojunction Layer and Method Of"	Dr. Jignasa V Gohel Mr. Saikumar Nair
6	DoECE	03.09.2021	376361	"Dual Screen Mobile with Solar Charging"	Mr. Pinalkumar Engineer Mr. Lokesh Sharma
7	DoME	27.07.2021	372851	"Supportive Motion Assembly for Bicycle Drive Train" THE IDLE ACTION-REACTION FORCE ACTIVATION COST FREE TO ROTARY TRANSMISSION SYSTEM.	Dr. Dhananjay V Bhatt
8	DoME	20.10.2021	379440	"Pipe Leakage Detection and Repair Robot"	Dr. Harshit K Dave Mr. Ankitkumar Nikum Mr. Rajatkumar Singh Mr. Aditya Gupta Mr. Apeksha Nikum

**Design filed / accepted during the year 2021-22**

Sr. No.	Name of Department	Design filed	Design accepted
1	Deptt. of Civil Engg.	10	12
2	Deptt. of Mech. Engg.	15	20
3	Deptt. of Electronics Engg.	05	08
4	Deptt. of Chemical Engg.	24	17
5	Deptt. of Physics	04	03

## 9.0 ALUMNI AND RESOURCE GENERATION

SVNIT Alumni Association supported economically weaker students by providing financial assistance towards tuition fee in 2021-22.

- Rs.25,000/- paid to Mukul Raj Mishra (M.Sc.-Mathematics) for tuition fees.
- Rs.25,000/- paid to Ayushman (M.Sc.-Chemistry) for tuition fees.
- Rs.25,000/- paid to Arra Akash (M.Sc.-Physics) for tuition fees.
- Rs.25,000/- paid to Banavanth Anil Naik (M.Sc.-Mathematics) for tuition fees.
- Rs.25,000/- paid to Akhilesh Singh Yadav (M.Sc.-Chemistry) for tuition fees.
- Rs.25,000/- paid to Jadav Vineet (M.Sc.-Physics) for tuition fees.
- Rs.25,000/- support for HYDRO 2021 International Conference.

**10.0 STUDENTS' AMENITIES AND ACTIVITIES:****10.1 Students' Council:**

The Students' Council of SVNIT consists of various committees with student coordinators and faculty advisors to provide ample opportunities for student experience in leadership and encourage student/faculty/community relations. The main objective of the student council is to initiate, implement and complete meaningful and purpose-oriented activities. The Chairman and Co-chairman are recommended amongst faculties of various departments by Dean (SW) for the necessary approval by the Director. The Chairman and Co-chairman help and mentor the students to conduct all the activities under the student council smoothly. All the activities under Student's Council are conducted by the respective Student Coordinators recommended by the appointed Chairman/Co-Chairman. The Chairman and Co-chairman of various student council committees for the academic year 2021–2022 are as follows.

**Chairman and Co-chairman of Chapters / Clubs**

Sr. No.	Name of the Committee	Name of the Faculty Members	
		Chairman	Co-Chairman
1	Finance & S.W. Committee	Dr. Namrata D. Jariwala, Asst. Prof., DoCE	Shri. Amitkumar J. Solanki, Asst. Prof., DoCE Dr. Smita Gupta, Asst. Prof., DoChE
2	Social & Cultural Activities Committee (Autumn Fest /Spring Fest & Other Cultural activities of the Institute)	Dr. A. K. Rai, Assoc. Prof., DoP	Dr. M. K. Rathod, Asst. Prof., DoME Dr. B. N. Tandel, Asst. Prof., DoCE Dr. Shweta N. Shah, Asst. Prof., DoECE
3	MINDBEND- A technical event	Dr. Meghal A. Desai, Assoc. Prof., DoChE	Dr. Pinalkumar J. Engineer, Asst. Prof., DoECE Dr. Kishor P. Upla, Asst. Prof., DoECE Dr. Sankita J. Patel, Asst. Prof., DoCSE
4	Literary & Debating Committee	Dr. K. C. Maheria, Assoc. Prof., DoC	Dr. Chetan Patel, Asst. Prof., DoCE Dr. Sumit Khare, Asst. Prof., DoME
5	Centre for Humanity Resource Development (CHRD)	Dr. H.K. Dave, Assoc. Prof., DoME	Dr. Khyati D. Mistry, Assoc. Prof., DoEE Dr. Shushil Kumar, Assoc. Prof., DoM&H
6	Magazine Committee (Including RENESA)	Dr. Urvashi Kaushal, Asst. Prof., DoM&H	Dr. Sanjay Tolani, Asst. Prof., DoEE Dr. Subrata Dutta, Asst. Prof., DoC
7	Society for Automotive Engineers (SAE)	Dr. Bade Mukund, Asst. Prof., DoME	Dr. Rohan Rahul Pande, Asst. Prof., DoME Dr. Suresh Lakhimsetty, Asst. Prof., DoEE
8	Kashish (The Freshers Welcome)	Co – Chairman , COW	Member Secretary, COW Chief Warden, Mother Teresa Bhavan
9	DRISHTI- The Innovation Club	Dr. Vimal Patel, Asst. Prof., DoME	Shri Mehulkumar C. Patel, Asst. Prof., DoECE Dr. Kunisetti V. Praveen Kumar, Asst. Prof., DoEE

Sr. No.	Name of the Committee	Name of the Faculty Members	
		Chairman	Co-Chairman
10	SPORTS	Dr. A. K. Mungray, Assoc. Prof., DoChE	Dr. Twinkle Singh, Asst. Prof., DoM&H Dr. Amit Kumar, Asst. Prof., DoME
11	Society for Cultivation of Science & Humanities (SCOSH)	Dr. Premlata Kumari, Assoc. Prof., DoC	Dr. Ranjankumar Jana, Asst. Prof., DoM&H Dr. (Mrs.) Shail Pandey, Asst. Prof., DoP
12	Association for Computing Machinery (ACM)	Dr. Dipti Rana, Asst. Prof., DoCSE	Dr. Keyur Jivanlal Parmar, Asst. Prof., DoCSE Dr. Alok Kumar, Asst. Prof., DCSE
13	Society for the Promotion of Indian Classical Music And Culture Amongst Youth (SPICMACAY)	Dr. U. D. Dalal, Prof., DoECE	Dr. Dhavse Rasika, Assoc. Prof., DoECE Dr. P.V. Bhale, Assoc. Prof., DoME
14	The Institution of Electronics & Telecommunication Engineers (IETE)	Dr. Jigisha N Patel, Assoc. Prof., DoECE	Dr. Suman Deb, Asst. Prof., DoECE Dr. Deepak Joshi, Asst. Prof., DoECE
15	Institute of Electrical and Electronics Engineers (IEEE)	Dr. Anandkumar Darji, Assoc. Prof., DoECE	Dr. Abhishek Acharya, Asst. Prof., DoECE Dr. Vivek Garg Asst. Prof., DoECE
16	Indian Institution of Industrial Engineering (IIIE)	Dr. Tushar Desai, Prof., DoME	Dr. Dinesh Singh, Asst. Prof., DoME Dr. Pallvita Yadav, Asst. Prof., DoME
17	Civil Engineering Society (CES)	Dr. R. M. Tailor, Asst., DoCE	Dr. Shailendra Kumar, Asst. Prof., DoCE Dr. Shruti Shukla, Asst. Prof., DoCE
18	Chemical Engineering Society (CHES)	Dr. Alka A. Mungray, Assoc. Prof., DoChE	Dr. Jogender Singh, Asst. Prof., DoChE Dr. S. K. Sundar , Asst. Prof., DoChE
19	Electrical Engineering Society (EES)	Dr. M. A. Mulla, Assoc. Prof., DoEE	Dr. Rajasekhara Reddy Chilipi, Asst. Prof., DoEE Dr. Gangireddy Sushnigdha, Asst. Prof., DoEE
20	Cutting Edge Visionaries (CEV)	Dr. Zuber M. Patel, Assoc. Prof., DoECE	Dr. Abhilash S. Mandloi Asst. Prof., DoECE Dr. Kirti Inamdar, Asst. Prof., DoECE
21	NIRVANA	Dr. Shilpi Gupta, Assoc. Prof., DoECE	Dr. Ketan Kruperkar, Asst. Prof., DoC Dr. Vineet Kumar Rathore, Asst. Prof., DoChE
22	Indian Institute of Welding (IIW),	Dr. Vivek D. Kalyankar Asst. Prof., DoME	Dr. Shaileshkumar N. Pandya, Asst. Prof., DoME Dr. Biranchi Narayan Sahoo, Asst. Prof., DoME



**Students' Council (2021-2022)****[1] Executive wing**

Roll No.	Candidate Name	Post
U18EE002	Bhavna Dilip Matwani	Academic Affairs Secretary
U18ME014	Makwana Himanshu Chandrakant	Alumni Training Placement Affairs Secretary
U18ME193	Barad Jignesh Rambhai	Co-curricular affairs Secretary
I18CY052	Vaibhav Gaur	Cultural Affairs Secretary
U18ME131	Kethireddy Sai Dheeraj	Hostel Affairs Secretary
U18CO045	Yamini Kabra	Research Innovation Affairs Secretary
I18CY041	Vignesh Prakash Sahoo	Sports Secretary
U18EE001	Shah Heemin K.	Student General Secretary

**[2] Student Affairs Council (SAC)**

Roll No.	Candidate Name	Post
U19EE008	Krutin C. Parekh	Day Scholars Representative
U19CH090	Anirudh Rajpurohit	B. Tech Branch Councilor – Chemical
U19CE041	Bhuvash Mahajan	B. Tech Branch Councilor – Civil
U19CS112	Parmar Mayankkumar Jayantibhai	B. Tech Branch Councilor – Computer*
U19EE067	Vatsal Choudhary	B. Tech Branch Councilor – Electrical*
U19EC135	Anubhav Singh Jodoun	B. Tech Branch Councilor – Electronics*
U19ME098	Shreeji Shailesh Kumar Patel	B. Tech Branch Councilor – Mechanical
I19CY013	Sarvesh Kumar	M. Sc. II to V Year Councilors
I18CY029	Piyush A K Sharma	
D18CH003	Amol Vijay Sonawane	Ph. D. Councilors from the Engg. Prog.
D19ME008	Bari Nikhil Rambhau	
D17PH004	Raval Adhish Vinodbhai	Ph. D. Councilor from Sci. & Hum.*

\*Uncontested

**Medical Insurance scheme for Inpatient Treatment (For Students):**

All on-roll students are covered under the Medical Insurance scheme for inpatient treatment. The insurance covers hospitalization expenses of up to Rs.50, 000/-.Room rent limit is 2% & 4% (per day) of sum insured for Normal & ICU/ICCU respectively. Accordingly, the upper limit of room rent is Rs. 1,000/- per day for normal hospitalization and Rs. 2,000/- for ICU/ICCU treatment. Students can avail rooms within these specified upper limits of room rent. Pre-existing diseases cover from Day One. COVID-19 is also covered. Pre & Post hospitalization expenditure is covered for 30 & 60 days respectively under the scope of policy.

**Online Counselling & Emotional Wellness Coach:**

Institute provides counseling, and emotional support through the online platform to foster mental wellness with the help of the designated agency. It also supports the face-to-face counseling to the needy students.

## 10.2 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' hostels, 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. The Council of Wardens 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. Each hostel has a Chief Warden and few Wardens, 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 organized annually by each hostel, where the entire hostel celebrates with food and music. The Hostel section provides financial supports to events like KASHISH / 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

Name 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	Family
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 hostel 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

Sr No.	Name, Designation and Department	Nature of Responsibility
01	Dr. Ravi Kant, Associate Professor, DoME	Chairman, Dean, Students Welfare
02	Dr. Sanjay R. Patel, Asso. Prof., DoChE	Co-Chairman, COW.
03	Dr. Rakesh Maurya, Associate Professor, DoEE	Chief Warden, Bhabah Bhavan
04	Shri Amit J. Solanki, Assistant Professor, DoCE	Chief Warden, Gajjar Bhavan
05	Dr. G.C. Jadeja, Assistant Professor, DoChE	Chief Warden, Swami Vivekanand Bhavan
06	Dr. Harshit K. Dave, Associate Professor, DoE	Chief Warden, Sarabhai Bhavan
07	Dr. A.K. Mungray, Associate Professor, DoChE	Chief Warden, Tagore Bhavan
08	Dr. Sabha Raj Arya, Associate Professor, DoEE	Chief Warden, Nehru Bhavan
09	Dr. Manish K. Rathod, Assistant Professor, DoME	Chief Warden, Raman Bhavan
10	Dr. Khyati Mistry, Associate Professor, DoEE	Chief Warden, Mother Teresa Bhavan
11	Dr. Bhavesh Gohil, Assistant Professor, DoCSE	Chief Warden, Narmad Bhavan
12	Dr. Jogender Singh, Assistant Professor, DoChE	Warden Bhabha Bhavan
13	Dr. Vipul M. Patel, Assistant Professor, DoME	Warden Bhabha Bhavan
14	Dr. Amrut S. Mulay, Assistant Professor, DoME	Warden Bhabha Bhavan
15	Dr. Abhishek Acharya, Asst. Prof. DoECE	Warden Gajjar Bhavan
16	Dr. K.V. Praveen Kumar, Asst. Prof., DoEE	Warden, Gajjar Bhavan
17	Dr. Ankesh Kumar, Asstt. Prof., DoCE	Warden, Gajjar Bhavan
18	Dr. Shailesh Kr. Srivastava, Asst. Prof., DoMH	Warden, Gajjar Bhavan
19	Dr. Deepak Joshi, Asst. Prof., DoECE	Warden Swami Vivekanand Bhavan
20	Dr. Sumit Khare, Asst. Prof., DoME	Warden Swami Vivekanand Bhavan
21	Dr. Prabhanshu, Asst. Prof., DoME	Warden Swami Vivekanand Bhavan
22	Dr. Rahul Radhakrishanan, Asst. Prof., DoEE	Warden, Sarabhai Bhavan
23	Dr. Naresh Yarramsetty, Asst. Prof., DoME	Warden, Tagore Bhavan
24	Dr. Rohan Rahul Pande, Asst. Prof., DoME	Warden, Nehru Bhavan
25	Dr. Suman Deb, Asst. Prof., DoECE	Warden, Raman Bhavan
26	Dr. Twinkle R. Singh, Asst. Prof. DoMH	Warden, Mother Teresa Bhavan
27	Dr. Smita Gupta, Asst. Prof., DoChE	Warden, Mother Teresa Bhavan
28	Dr. Sarita Kalla, Asst. Prof. DoChE	Warden, Mother Teresa Bhavan

**HOSTEL WISE OCCUPANCY-2021-22**

Name of Hostel	Year	Room	Capacity	Total Students
Bhabha Bhavan	B.Tech-II & III, PhD	454	908	844
Gajjar Bhavan	B. Tech-I, M. Sc-I, M. Tech-I, Ph. D	588	588	1037
Sarabhai Bhavan	M. Tech-II	132	264	250
Tagore Bhavan	B. Tech-II, M. Sc-II & III, IIIT-III	192	192	256
Nehru Bhavan	M. Sc-II, III & IV	204	204	299
Raman Bhavan	PhD (Family)	94	94	94
Swami Vivekanand Bhavan	B. Tech -IV + M. Sc-V	950	950	887
Mother Teresa Bhavan (Girls Hostel)	All Girls of B.Tech, M.Sc., M.Tech and Ph.D.	800	800	865
<b>Total</b>		<b>3414</b>	<b>4000</b>	<b>4532</b>

### 10.3 Student Activity Centre

Department of Physical Education 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, two Volleyball courts with proper light, Pool Table hall, Table Tennis hall and Football ground.

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

The various sports activity develops multiple skills among the students. Activity helps students to develop qualities like, leadership, decision making, team building, strategy and tactics planning. Under the guidance of Dr. Ravi Kant (Dean, Student Welfare) Department of Physical Education conducted activities for students during 2021-2022. Department also received consistent support from Dr. Rakesh Maurya (Faculty In-Charge, SAC). Dr. N. K. Datta (Head, Physical Education) and Dr. Chirag Vaghela (S.A.S. Officer) look after day to day work and activities at Department of Physical Education.

#### Inter Department Badminton Tournament 2021-22 for Boys and Girls



#### Inter Year Basketball Tournament 2021-22 for Boys and Girls





**Bench Press Competition 2021-2022 for Boys and Girls**



**Inter Year Badminton Tournament 2021-2022 for Boys and Girls**



**Inter Year Chess Tournament 2021-2022 for Boys and Girls**



**Inter Year Table Tennis Tournament 2021-2022 for Boys and Girls**



**Inter Year Volleyball Tournament 2021-22 for Boys and Girls**



**15 days Yoga training camp, Yoga and Poster drawing competition 2022 for students and staff**



**International Day of yoga 2022**



**Fit India Freedom Run 2.0 2021**



**National Unity Day 2021**



## Dr. Bhimrao Ambedkar Jayanti 2022



## 10.4 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 <sup>th</sup>	10000/- per year	Not Specified	46
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	36
3.	Instrument help to SC students (Eligible for studying in first year)	Rs.5000/- entire course	Not Specified	02
4	Food Bill for SC student	Rs.1500/- monthly Assistant (for 10 month)	Not specified	17
5	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	40
6	Food Bill for ST student	Rs.1200 monthly Assistant (for 10 month)	Not specified	17
7	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	11
8	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.	10	58
9	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	35
10	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



Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholarships awarded
11	Scholarship for Top Class Education for students with Disability	Reimbursement of tuition fees and Non-Refundable charges paid /payable to the institute up to 2.00 lakh per annum Maintenance Allowance Rs.3000/- P.M. for hosteller Rs.1500/- P.M. for day-scholars Special allowances (related types of disability like reader allowance, escort allowance, helper allowance etc.) Rs. 2000/- P.M. Book & Stationery Rs.5000/- P.A. Reimbursement of expenses for purchase of computer with accessories Rs. 30000/- as a one-time grant for entire course. Reimbursement of expenses for purchase of Aids and assistive Devices including necessary software related to the particular disability of the selected candidate. Rs. 30000/- as a onetime grant for entire course.	Not specified	09
12	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	10
13	Post Metric scholarship scheme Minority CS	Admission and tuition fee for UG & PG level: Rs. 3,000/- per annum subject to actuals (both Hosteller & Day Scholar) For Courses other than Tech. & Prof. courses at UG & PG level*: Rs. 570/- per month for Hosteller & Rs. 300/- per month for Day Scholar	Not specified	06
14	Mukhyamantri Yuva Swavlamban Yojna (MYSY) (GUJ)	50% of tuition fees& Book, Equipment in entire course @ 5000/- and Lodging & Boarding @1200 P.M. for 10 month in a year	Not specified	65
15	Engineers India Ltd. Scholarship for SC/ST students	Rs. 3000/- p.m.	Not specified	02
16	Inspire Scholarship for UG science students	Rs.5000/- p.m. & 20000 P.A. reimbursement for expenses towards academic research	80000	15
17	The Swami Dayanand Edn. Foundation Scholarship	Financial Support	Not Specified	07
18	Foundation for Academic Excellence & Access (FAEA)(BHEL-5)	Financial support for tuition fees, hostel fees, mess book as per scholarship norms	Not specified	01
19	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
20	PMSS for Ministry of Railway	Rs.2250/- per month for female Rs.2000/- per month for male	Not specified	01
21	Mukhya Mantri Medhavi Vidhyarthi Yojna (M.P.)	full tuition fees	Not specified	09
22	Samsung Star Scholarship	Tuition fees, Hostel fees (Not exceed INR 200000)	Not Specified	09
23	Oil and Natural Gas Corporation Limited scholarship for			04
24	National Talent Search Scheme	Rs.24000 P.A.	Not Specified	02
25	Post Metric scholarship & Fees Reimbursement for U.P students	Fees Reimbursement	Not Specified	20
26	Post Metric scholarship & Fees Reimbursement for Bihar students	Fees Reimbursement	Not Specified	22
<b>Post Graduate</b>				
1.	M.E./ M.Tech / MS/ M.Design and GATE/GPAT qualified Assistanceship/ Scholarship/ Fellowship	12400/- P.M. (Bothe 1 <sup>st</sup> & 2 <sup>nd</sup> year ) and 5 <sup>th</sup> year of Dual Degree Programmes)	Not specified	677
<b>Ph.D.</b>				

Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholarships awarded
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	207
2.	SENIOR RESEARCH FELLOW (SRF)	35000/- P.M.	Not specified	186
3	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 <sup>st</sup> & 2 <sup>nd</sup> year) @ 35000/- P.M. stipend per month (3 <sup>rd</sup> year and remaining tenure) Rs.20000/- contingency per annum, HRA as per Govt. of India norms.	Not specified	03
4	Junior Research Fellowship (JRF) Scheme of UGC	Fellowship @ Rs. 25000/- P.M. for initial two years JRF @ Rs.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 norms	Not specified	09
5	CSIR-UGC National Eligibility Test (NET)	Fellowship @ Rs. 31000/- P.M. for first two years JRF @ Rs.35000/- P.M. 3 <sup>rd</sup> year and subsequent (SRF) Contingency @ Rs. 20000/- P.A. HRA as per Govt. of India norms	Not specified	14

### 10.5 Sponsored Medals:

- (A) **Dr. A. P. Verma Scholarship (B. Tech. / Mathematics)**  
First Prize (60% of Interest)  
Second Prize (40% of Interest)  
Scholarships awarded to 2 students.
- (B) **“Gold Medal-First Position”** sponsored by M. A. Mulla, Asso. Prof. of Electrical Engineering Department to the Topper of M.Tech. of Electrical Engineering with Specialization in Power Electronics & Electrical Drives.
- (C) **“Prof. B.K. Katti Silver Medal”** sponsored by students (alumni) of P. G. Section in Transportation Engineering and Planning, SVNIT, Surat to the Second Topper of M. Tech. in Civil Engineering with specialization in Transportation Engineering and Planning.
- (D) **“Mrs. & Mr. M.D. Desai Cash prize of Rs. 10000/-“** Topper in M. Tech. in Civil Engineering with specialization in Soil Mechanics & Foundation Engineering
- (E) **“Shri Rajnikumar Majumdar Memorial Gold Medal”** sponsored by Dr. B. Majumdar (Ex-Director) to all UG programmes of the Institute.
- (F) **“Smt. Lakshmi Bala Majumdar Memorial Gold Medal”** sponsored by Dr. B. Majumdar (Ex- Director) to the Overall Topper of the Institute.
- (G) **“Siddharth Gupta Gold Medal”** sponsored by Siddharth Gupta Foundation, Surat to the Overall Topper of the Institute.
- (H) **“Late Smt. Mahalaxmiben Natwarlal Patel Gold Medal”** sponsored by Shri N. N. Patel, Surat to the Topper of Civil Engineering.
- (I) **“Smt. Bhavani Narendrakumar Mehta Gold Medal”** sponsored by her to the Topper of Computer Engineering.

- (J) **“Mr. Sohrab S. Sopariwala Memorial Gold Medal”** sponsored by Dr. (Mrs.) S. S. Sopariwala to the Topper of Electrical Engineering.
- (K) **“Siddharth Gupta Gold Medal”** sponsored by Siddharth Gupta Foundation, Surat to the Overall Topper of Mechanical Engineering.
- (L) **“Mr. Nishit Vijay Sampat Memorial Cash Prize Rs. 2000/-”** sponsored by Mrs. Chandrakala K. Morparia, Mumbai to the Topper of Mechanical Engineering.

## 10.6 ACM Chapters

Association for Computing Machinery (ACM), the world’s largest educational and scientific computing society, delivers resources that advance computing as a science and profession. ACM - NIT SURAT is one among the many student chapters of ACM across the globe in various institutions. We are identified in the institute as the primary chapter pertaining to Computer Science and through our regular conduction of coding contests, hackathons, workshops, technical quizzes and alumni connect seminars. We have earned that claim, year after year.

The academic year of 2021-22 was struck by the unfortunate Covid-19 scenario leading to a substantial part of the academic year held online. Yet this situation did not deter our resolve at taking the chapter forward and we were able to accomplish all of the planned events of the year with an overwhelming response from the students. In the calendar year, ACM conducted the month-long coding marathon - ACM Summer Challenge 2022. ACM conducted various workshops on Git and the world of Open-source, building backend web-applications, insights into web-design and an informational seminar on tech domains. Blitz coding rounds of Epiphany 11.0, Inception 6.0, ACM Hour of Code and Epiphany 11.1 were also conducted. ACM - NIT Surat conducted HackDotslash 5.0 with nation-wide participation for the first time ever and was greeted with record participation numbers. ACM Month of Code brought to life innovative projects by the institute’s young talent. The weekend quizzing bonanza GeekEnd 5.0 conducted recently, which included events like Tech IQ, Twinception, Scratch It, and Code Combat ended the academic year on a high note.



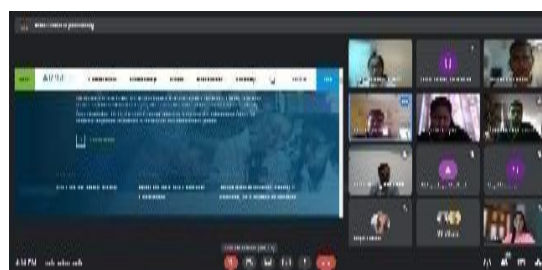
## Chemical Engineering Society

The Chemical Engineering Society (ChES), affiliated with the American Institute of Chemical Engineering (AIChE), strives to promote information and experience about Chemical Engineering to future chemical engineers. AIChE ChES orientation was organized on 19th July 2021. Eureka is one of the flagship events of the AIChE ChES. Eureka 4.0 lasted approximately 5 months, beginning on August 16, 2021 and ending on January 8, 2022 wherein 12 teams competed. AIChE ChES along with Training and Placement coordinators organized an Internship Talk on 20th August 2021, at 5.30 PM on Microsoft Teams. AIChE ChES hosted a webinar, "Entrepreneurship from the Perspective of a Chemical Engineer" on

18th September 2021. Mr. Ujas Khunt, founder of Chemical Partners India, addressed the webinar as the keynote speaker. The Social Media Committee released the first edition of the Technical Magazine of AIChE ChES: Emanate-Eulogizing Chemical Engineering. Find Emanate AIChE ChES conducted a splendid two-day workshop to enlighten the participants regarding the DWSIM Simulation Software on 9th and 10th October 2021, at 2PM on Google Meet platform. AIChE ChES also conducted a competition for designing flowsheets following a successful DWSIM workshop, held between 13th to 16th October 2021. We had Inter-Chapter Meetings with AIChE ICT- IOCB, AIChE AISSMS COEPune, AIChE NITRKL, AIChE

BUET, AIChE AU and AIChE VIT. AIChE ChES presented ALCHEMY 2.0 on 19th November. Marking the National Energy Conservation Day, AIChE ChES conducted Energyorama Siphon is the annual departmental fest of AIChE ChES SVNIT. The 7th edition of Siphon was presented this time as a Digitized Renaissance by AIChE ChES. Siphon 7.0 took place online from 25th to 27th February 2022. AIChE ChES hosted webinar on "Studying Abroad and Preparing Your Statement of Purpose" on 26th March 2022, at 5PM. Our accomplishments are as follows:

- The Student Regional Conference (SRC) brings together students from all over the region to participate in ChemE-related programs, including workshops, competitions, and ample opportunities for attendees to network with their ChemE peers. In our case, the bid was certainly beneficial. As a result, **AIChE ChES won the bid to host SRC 2023 at SVNIT.**
- AIChE ChES SVNIT received the **Outstanding Student Chapter Award 2020-21** which is presented annually to those Student Chapters that show an exceptional level of participation, enthusiasm, and involvement in the university and community.
- **FOSSEE Flowsheets Submission IITB: SVNIT first place nationally.** students submitted 37 DWSIM flowsheets highest submissions from all the colleges of the nation.



### Centre of Human Resource Development

CHRD orientations and interviews are the most exhilarating 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, the freshers in large numbers turn up with their wide-ranging talents and they are given an opportunity to display their virtuosity.

The art club - AKRITI is one the most creative club of SVNIT. In the last academic year Akriti conducted Rangeela, Ragavali, Water colour workshop, Pratikriti and ArTEN which helped members to polish their artistic values, expand their creative growth and simulate an optimistic attitude. For the students of SVNIT Akriti arranged wall painting competition. In addition to this, Akriti has displayed their artwork through rangoli and wall painting at other festivals, including Mindbend-Sparsh, Mahashivratri, Umang, and Black Day.

Convex teaches us to capture the present with an eye for the depth of it. CHRD's photography club welcomes pioneers of the same and enhances their vision of photography. In the academic year Convex conducted events like pratibimb and many informative workshops, promoting the art and enduring the technicalities of it.

**Malang** is the dance club of CHRD. Wavezz is an event that runs on social media in online mode for a whole year. Apart from this, there have also been events like Dance Jam and Old school workshop. These activities have significantly improved everyone's ability to collaborate, think creatively, and develop self-confidence. Malang has also left a different mark in Sparsh's Flash mob and Mahashivratri

During this academic year, the dramatics club i.e., **KIRDAAR** conducted various events that help students build confidence, interact with people, getting to know a deeper knowledge of the art. Successfully conducting events like Daashavatar, Off-stage, and Nukkad Natak, with an average footfall of 100 students has encouraged other students to come up and participate in activities like these. Other than helping the students, also focuses on spreading awareness and making a change in society with the art,

**Raag** - The music club of CHRD help students every year to be able to express themselves vocally and learn the art with zeal. The club conducted various events like Distunes, Freshbeats, and plenty of workshops to polish young. It aided in connecting the members during the lockdown and taught new skills. Apart from this the club members have also collaborated with other communities and did notable work in *Maha-shivratri*, *Ram-Navmi*, and *Sparsh*.

**Cinephilia** is a club that lets you dig deep into your imagination and get the best possible idea of representing anything. In this movie-making club, students get to explore their creative side and give the best outcome. In events like Cinewood students get to produce their own film and workshops on macro photography help students strengthen their skills and learn much more.

CHRD having a **Design Group**, that focuses on Digital Arts, was a boon during the lockdown period. The main aim is to focus on raising awareness of social issues by the means of creative wordplay and digital canvas. Moreover, they have successfully designed CHRD event posters and will continue to do so. The team also now has its own social media handle where they can post minimal posters and informational posts regarding graphic design.

CHRD is always planning for the future. Hence for AY. 2021-22 we planned to **include two new communities**, further in CHRD, to focus on Core HR values. These newly formed communities will work majorly on Traditional Skill development and the Mental and spiritual well-being of the student body. This year we strived to create and inculcate something less on the art side, focusing more on the human aspect with our beloved community 'MIND'. An interactive session on "Recreational Arts Start-up" was organized in which the invited speakers were Karan Suratwala, Malvi Prakash, Khushboo Shah, and Kriya Doshi. The main motive of the session was to focus on how arts and entrepreneurship are related and how a person can establish one's self as an entrepreneur in the field of cultural arts.



### **Cutting Edge Visionaries**

The various activities undertaken by Cutting Edge Visionaries in the academic year 2021-22 are listed below:

#### **Curiosity 7.0:**

It is the annual Flagship Quiz Event of CEV. The three-day Curiosity event took place from February 18–20, 2022. This year, we exceeded 350 registrations. To test each participant thoroughly, questions are chosen from a variety of subject areas, including science, technology, finance, etc. The ability to plan and advertise an event as well as manage and host it independently was taught to executives.

#### **Wall Street Week:**

It was a 5-day-long event based on the financial markets, organized from April 4–8, 2022. For students to understand how stock markets operate, this event provided more than just theoretical knowledge; it also provided them with practical experience through the Paper Trading Competition. KaushikShanghani, a third-year M.Sc. mathematics student, directed the activities on days 1-2. He got better at public speaking.

### **Case Discussions and Blogs:**

Blogs and Case Studies, a crucial part of CEV, are interesting ways to teach crucial information and keep students up to date on financial issues. Case studies are discussed among executive members and then written on the CEV official website. Apart from the ongoing Blog Month, 8 blogs and case studies were written this year. Many companies ask about similar topics related to our blogs in the GD rounds during internships and placements.

### **GDs and Debates:**

Students can conduct orderly discussions on the assigned topics while enhancing their communication skills, which greatly aids CEV alumni in Group Discussions and other aptitude tests held during internships and placements.

### **CEV Talks:**

These talks feature seminars on emerging technologies and other critical issues presented by leading industry experts. These sessions keep students up to date on what the industry is working on, and they can research the topics covered.

### **Horizon 3.0:**

It is CEV's annual magazine, in which articles are written on a variety of current topics, as well as a guest talk by a prominent figure. CEV executives and core members collaborate to write content and design the magazine, which helps them improve their content creation skills.

Discord Server: CEV launched its discord server this year. From first-year students to alumni with extensive industry knowledge, we hope to create a strong community of inquisitive minds.

For their overall development, CEV members worked on numerous projects in a variety of fields, including consulting, web development, machine learning, and core mechanical.

Throughout the year, CEV has made an effort to foster knowledge development through a variety of activities, and it will continue to innovate and work on fresh concepts.

### **Civil Engineering Society**

Although the Civil Engineering Society peculiarly is civilly orientated, the events conducted in the academic year 2021 were quite inclusive of all the branches. Alumni motivational talk with Pinak Pani Dwivedi, currently Deputy Collector where he shared his priceless experience in Graduation and Civil

services which motivated the candidates along with clearing their doubts regarding civil services examination. For all designing and content writing enthusiasts, the society organized an event "Creative Junkies". To test students' skills, CES hosted an event "Clash of Cad" majorly focusing on their knowledge of AutoCAD software. CES also conducted Research projects under domains such as Geotechnical Engineering, Structure Analysis, and Transportation Engineering. Civil Engineering Society also collaborated with Mindbend in article series named "Kinetic footfall". We have launched our article series related to smart infrastructure and evolution in the methods, material, and drafting in construction. The year 2022 began with a blast with CES organizing its orientation along with a quiz where the batch of 2021-22 enjoyed the quiz and got a glimpse of society. Kaizen is the Department of Civil Engineering's annual fest, which is a PAN India event. This year, we have received registrations from students from GTUs, IITs, NITs, and a variety of other universities who are interested in participating in a variety of events connected to crypto, management, and common sense. A workshop on AutoCAD software was organized by CES in collaboration with Khodiyar courses. This session will improve your AutoCAD skills while also awarding certifications to participants. This workshop was held in an offline format on the SVNIT campus for first and second-year students.

## **DRISHTI**

DRISHTI is the technical-hobbyclub of SVNIT, which aims to in seminate technical knowledge among the students and represents SVNIT at the national and international levels. The club is gradually working and upholding its motive of being a place where "WE comes before ME".

## **ACTIVITIES THROUGHOUT THE YEAR**

### **ORIENTATION**

Every year, Orientation is organized to give an introduction of Drishti to first-year students.

### **WORKSHOPS**

Team Drishti organized various technical workshops. These workshops consisted of Mechanical Systems, Electronic Systems, Machine Learning, Town Planning and Processand instrumentation.

### **GRAND ROBO PRIX 2022**

Team Drishti organized its first offline event, "THE GRAND ROBOPRIX" for freshers. It is a line-follower robot-building competition. After workshop and three days' mentorship, athree round competition named "QUICK SILVER" was conducted.

## **PROJECTS**

### **MINI PROJECTS**

Second-year members are invited/selected to participate in this month-long project which allows them to improve their essential technical abilities in their areas of interest.

### **MAJOR PROJECTS**

These are six-month projects for second-year students that expose them to pioneering work. This year we are working with teams: Robocon, Rover, Aero, Joey, Sherlock Net, Civil, Chemical and Innovation.

## **ACHIEVEMENTS**

### **ROBOCON-2022:**

Team Drishti has taken part in the worldwide ABU Robocon competition since 2006, which is put on by the Asia-Pacific Broadcasting Union. Team Drishti is one of the 45 teams who qualified for stage 3 this year.

### **DDTII:**

Team Drishti has participated in DDTII (Defense Design and Technology Incubator of India). The team has submitted the design documentation and has been chosen to move on to the next round of competition.

### DRDO:

Team Drishti has participated in the Defense Research and Development Organization.

### SIH 2022:

Team Drishti has participated in the Smart India Hackathon-2022 (SIH) organised by the Govt. of India. The team has successfully completed and submitted the documentation.

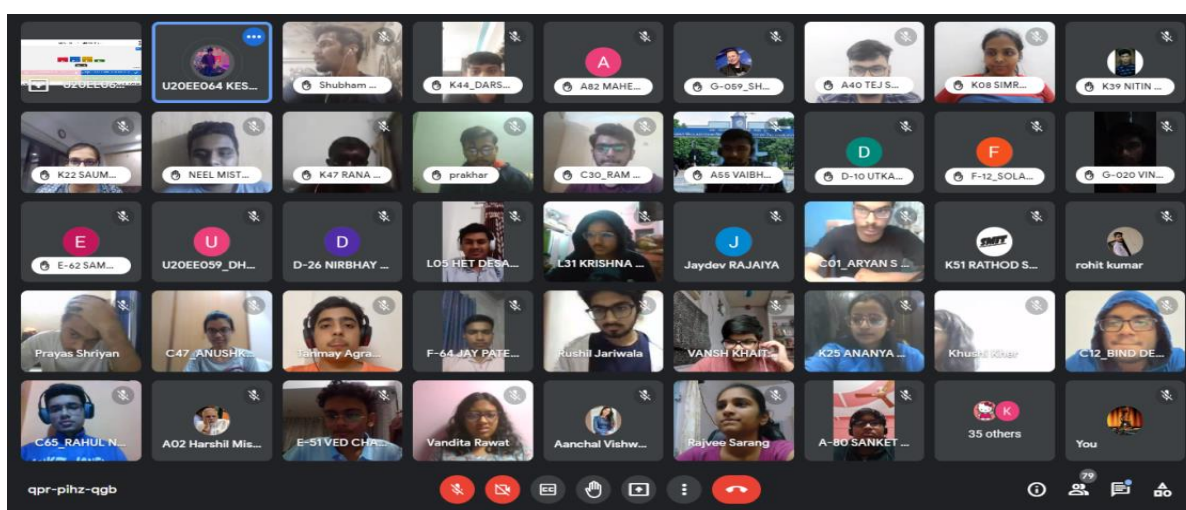
### ROBOFEST 2.0:

Team Drishti has participated in rover category in Robofest 2.0 organized by Gujcost and been selected as the joint prize winner receiving a grant of 2.5L.

## ELECTRICAL ENGINEERING SOCIETY

The academic year 2021-22, begins with a quizzing competition: QUIZYAPA, organized every year. This year, there was a new innovation of computer adaptive test patterns similar to the ones in many exams. The annual recruiting drive: RECHARGE, is followed next by an overwhelming response from the fresher batch. The new executive committee was formed based on interviews conducted by the core committee of the EES. The first guest lecture of the academic year was organized next, the lecture was on the topic "Flash Charging Technology for Sustainable e-Mobility" and was delivered by Mr. Madhan Mohan who works as the R&D lead at Hitachi ABB Power Grids. The lecture had a splendid participation of around 200 students and was followed by an interactive Q&A session. Another major event by EES, since the past 2 years is Masked Bandits: The Online Treasurer Hunt. It was conducted in the first week of January for the freshly admitted batch, in order to make them more aware of the institution and its functionalities. The event observed a participant of 300+ students. This event was followed by the orientation of the student chapter: DISCHARGE, students were informed about the working of the chapter and its various activities which can help them in overall development.

DEXTRIX was organized in the month of February. It involved detailed presentation and explanation of various topics involving new domains of engineering and to help students find some interest in different fields of engineering application. The topics involved: Deep space communication, Smart grid, AI-ML, Wireless power transfer, Hyperloop, 5G technology, Blockchain technology, and many more. The next and most major event was the annual techno-managerial fest: AATISH. It was the first offline event organized by the chapter after almost 2 years of online activities and events. The fest was themed on movies (mainly Bollywood). It involved numerous events: Chain kulli ki main kulli, Capacitor no. 1, Naayak, Inside edge, Talash, Circuit apnaapna, Batti gul meter chalu, Kaun banegacircuitpati, Shootout at SVNIT. The whole fest was three days long and had immense participation of about 500+ students from the first and second year.



## IEEE STUDENT CHAPTER

A Lecture Series on various advanced topics of VLSI and Embedded Systems was held online from October 25-31, 2021. This interactive lecture series started on 25<sup>th</sup> October 2021, with a talk on 'Nano-Fiber Synthesis, Properties, and Applications' by Dr. Dinesh Pathak, University of West Indies.



It was followed by lectures on “Test and Security of VLSI Circuits in Nano-Technology Regime- An Introduction” by Dr. Satyadev Ahlawat of IIT-Jammu, “Approximate Computing-An Emerging Paradigm for Energy-Efficient Implementation” by Dr. Sunil Dutt of IIT-Goa, “A Journey from Algorithm to ASIC- Chip Fabrication for Spectrum Sensing in Co-operative Cognitive-Radio Wireless-Network” by Dr. Rahul Shrehtha, IIT-Mandi, “Antenna for RF Energy Harvesting Applications” by Dr. Mahima Arrawatia of IIT-Guwahati and “SoC Power Estimation and its Usage in Different Design Stages” by Mr. Rohit Singh of INTEL Technologies, on subsequent days. More than 60 participants from India well attended the event.

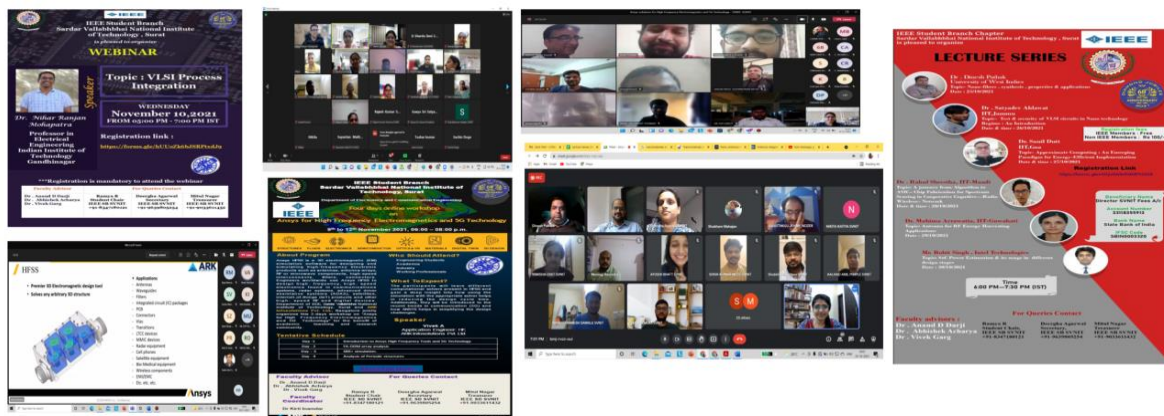
A webinar on “VLSI Process Integration” by Dr. Nihar R. Mohapatra of IIT-Gandhinagar was held on 10<sup>th</sup> November 2021, focusing on backend designing of any CMOS device. It was a 2hrwebinar attended by more than 50 participants.

A 4-day online workshop on ANSYS for High-Frequency Electromagnetic and 5G Technology from 12<sup>th</sup> November 2021 was held online by ARK Infosolutions Pvt. Ltd., Bangalore. The focused audience was Engineering Students, Scholars, and Industry Professionals, where more than 90 people gained knowledge regarding the same.

A distinguished lecture by Dr. Elena A. Rozhkova was held on November 22<sup>th</sup>, 2021, on “ Nano in BRAIN Technologies,” in association with IEEE NTC Gujarat Section and DAIICT Gandhinagar. A lecture on VLSI Design Trends: An Industrial Perspective under IEEE Student Chapter on Monday 14/2/22 @ 6:30 PM. The aim of this lecture was to mentor you to prepare for the campus interview in VLSI design-related industries.

An Expert talk by Sudhir Kumar, founder member of elinfochips and currently is the Senior Vice President, Corporate Affairs was conducted in the conference hall DECE on 28<sup>th</sup> March 2022. The MTech students and the research scholars got an opportunity to interact with the expert and discuss various current prospectus in the industry.

IEEE SBC-SVNIT jointly with IEEE Gujarat Section PES/IAS/PELS Joint Chapter conducted an expert talk on the topic “Autonomous Control of a Biplane Tail-Sitter UAV” on 17 June 2022 at SVNIT, Surat with a parallel session at Marwadi University, Rajkot and IITRAM, Ahmedabad. A total of 78 participants (54 in offline mode and 24 in online mode) attended the talk.



### 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.

The semester was started with an online Quiz type event “MINDSCAP” on 23<sup>rd</sup> and 24<sup>th</sup> October 2021, consisting of 3 rounds. Students participated in teams of 2 to answer questions based on technical and general knowledge about the electronics world. ISF SVNIT conducted the online event “CONFUSED CAPACITORS” on 23<sup>rd</sup> January, 2022. The teams had to answer a question each and every time they encountered a snake or a ladder.

HERTZ 7.0 – Annual Technical event of the Electronics Engineering department was organized on 12<sup>th</sup> & 13<sup>th</sup> February, 2022. Under HERTZ 7.0, we organized the events like Circuit Defusal, Bits Please, Flip Flop, Mock Placement and Quiz Battles. An online technical event, CIRCUIT DEFUSAL for students belonging to all the years and for all the circuit branches. The participants had to build the circuit and perform some interesting tasks for acquiring the components they required. After receiving all the required components, the teams had to build the circuit chosen from the set of problem statements shown to them at the starting. Event BITS PLEASE is a coding competition where participants have to find the logical and syntax errors in pieces of code. Participants were allocated 50 minutes to find the errors. FLIP FLOP was a one-on-one debate. Two participants were selected and were given a topic to debate on, the debaters were required to switch their sides on the topic. MOCK PLACEMENT is a simulation of the actual campus placements, for students belonging to all years and branches. QUIZ BATTLES featured a map which consisted of 20 regions. A question was asked to acquire each region. The one who answered correctly would acquire that region.

IETE Students' Forum SVNIT, organized Sundeep Memorial Project Competition "SMPC- 2022". The competition was announced open on 9<sup>th</sup> of April 2022. Two events were conducted under S.M.P.C. 2022 in offline mode. One of Cob Web is web development competition where the participants presented website. Another Event SHARK TANKSVNIT (a mock Startup based project competition) was conducted in two rounds. In Round 1 the participants were required to pitch their startup ideas and the shortlisted candidates were required to do a presentation of the model of their startup as part of Round 2.

Here is a little glimpse from one of our events.



### Literary Affairs Committee

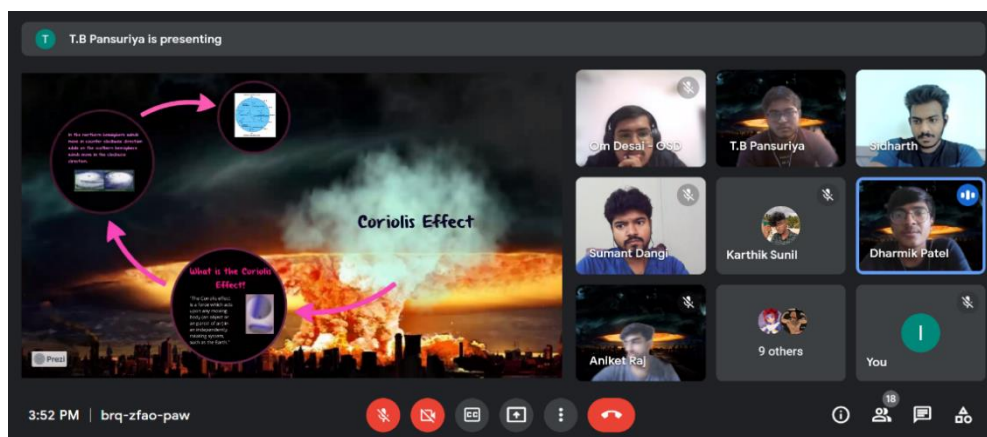
The Literary Affairs Committee experienced a dynamic year in the academic session 2021-22.

The committee conducted a total of 8 events of which 5 were online and 3 offline events in this academic session. We also arranged regular sessions as intra-club activities like Just a Minutes, Group discussions, extempore, suches, debates, etc. which helped members to instill good speaking, listening, and comprehensive skills. LAC organized the following events college-wide The Boardroom, Constitution Day Debate Competition, Murder mystery, and Asian Parliamentary Debate. Some non-budgetary workshops like Fluency in English and Writing Workshop and Writing and Editing workshop. LAC conducted 3 days-long quizzing events which were divided into MELA, General, and Sports Quiz respectively. We also conducted the first of its kind an All-India Quiz, 1100 individuals in 400 teams, participating all across the country which was split into three rounds and a cash prize of Rs. 12000 was awarded to winning teams.

**Society for Cultivation of Science and Humanities (SCOSH)**



SCOSH, believe in instilling a fondness for science and technology in students. Our major aim is to bind Science with humanities. In the A.Y. 2021-22, we have successfully conducted various events around the year, including talks, presentations, and challenging competitions. An in-house designing workshop on the basics of various designing softwares was conducted to train our newly admitted students. On 10th August 2021, we conducted PRAKRITI, where high school students nationwide participated. It included talks by Dr. Urvashi Kaushal (DoMH, SVNIT) and Dr. Vipul Kheraj (DoP, SVNIT). We held our signature event, "The Reel Time Science," with mass participation. For the out-of-the-box thinkers, we had an interaction with the Founder of STAR labs, Surat, Mr. Sunny Kabrawala, on the growing ecosystem of start-ups & entrepreneurship. In September, a two-day workshop was conducted by an in-house member giving hands-on experience on Pandas and NumPy libraries of Python. It was followed by an interactive session with Mr. Ashwin Verma- placed at Deloitte USI. In October, SCOSH conducted a unique event to brainstorm the laws and theories of science for the first time by the name 'BEYOND.' We received a whopping response from reputed institutions all over the country. It was a 2-round event where they had to construct a Sci-Fi Story Plot using the clauses of famous scientific theories with a slight manipulation which we initially provided them. Being conducted for the first time, BEYOND was an immense success! We had a great informative webinar which GROWW sponsored on Advanced Investing and Market strategies by Mr. Shashank Udupa, the founder and COO at Avalon Meta. Science Hunt - a simple quizzing event was conducted on 23rd January 2022. This year we created a jungle adventure story plot to add some thrill to the essence of Science Hunt. Over 250 students from all over the country participated in the event. In March 2022, a National Design Event was conducted where SCOSH provided a platform to clutch the Scientific creativity and display the participants' ideas on a poster. We concluded the year by conducting our first offline event after the pandemic, INQUEST 6.0, our flagship event in April. This year's theme was 'BIO-WAR.'



Pic: BEYOND Date: 17 October, 2021

## SPIC MACAY SVNIT

SPIC MACAY SVNIT hosted RAAG-RANG a 3-day online hindustani vocal music workshop for the students of SVNIT between October 29 and October 31, 2021. It was organized with the motto to give the music enthusiasts an opportunity to learn Hindustani classical vocal music. For the same, Kumar Mardur ji- a well-known Hindustani vocalist was invited. Kumar Ji explained Raag Bhopali of Kalyan Thaata along with Swaras of Raag Bhopali and Raag with Bandish. The 3-day workshop was quite interactive answering the queries of almost 60 students by Kumar ji.

SWARANJALI, an instrumental concert was organized on February 13, 2022. Ustad Alam Khan ji on Sarod along with Eman Hashimi ji on Tabla performed in the concert. The Chairman of SRF Foundation Shri. Bharat Ram ji, Director of SPIC MACAY Rashmi Malik ma'am, SPIC MACAY Gujarat State Co-ordinator Amit Rai Maheshwari sir had honoured the event by their presence. Honourable director in-charge Prof. R.V. Rao and Dean SW Dr. Ravi Kant had also graced the event by their presence. The concert was followed by an interactive session with Ustad Alam Khan ji, wherein he answered all the audiences' queries, questions, and doubts. The concert gave a chance to appreciate the beauty of Sarod. Around 130 music enthusiasts had attended this event.

The second edition of MIMAMSA, the annual magazine of SPIC MACAY was released on December 26, 2022. True to its name 'MIMAMSA' gives the readers a glimpse of the club activities organized throughout the year. Through MIMAMSA 2.0 we tried to highlight Indian culture and heritage. Various Indian art forms, classical music, musical instruments, and heritage sites have been showcased through various articles in the magazine. To connect the readers with the various events that SPIC MACAY SVNIT had organized the experiences of volunteers and authorities have been mentioned in the magazine.

SPIC MACAY SVNIT has been organizing PRATIBHA to provide a platform for its volunteers to showcase their talent and skills in various Indian art forms through social media platforms. Through this SPIC MACAY SVNIT has been effective in displaying a variety of dance forms, music, musical instruments, art, and crafts to the general public.



## Society of Automotive Engineers

The first quarter of the academic year 2021-22, included recruitment of new batch & along with it their training started. This involved the research and its documentation in form of reports, which was done in groups, hence, promoting debate and brainstorming qualities. Along with this, despite being at home for a year, the team has been constantly working and having regular meetings. The team has also attended several national & international webinars in online mode and has designed a Formula Student vehicle, virtually. The team participated in Formula Bharat 2022 Virtuals, due to the pandemic, the team wasn't able to manufacture a car. The events include BPP (Business Plan Presentation), EDP (Engineering Design Presentation), etc. In BPP, the team was ranked at 12th

position and in the EDP, the team was ranked 19th. The successor team has made a transition from Combustion Vehicle to Electric Vehicle. The successor team participated in an online event organized by Formula Bharat called Pi-EV 2022. The team designed an electric vehicle from the base and have managed to perform well in the competition despite ongoing academics. In the first attempt the team managed to score 248.17 points from total 400 and secured 12th rank overall.

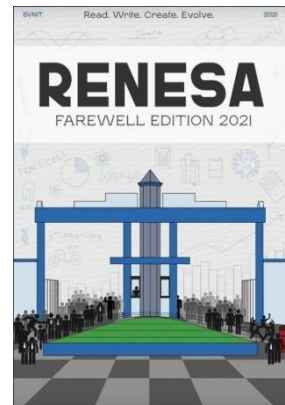
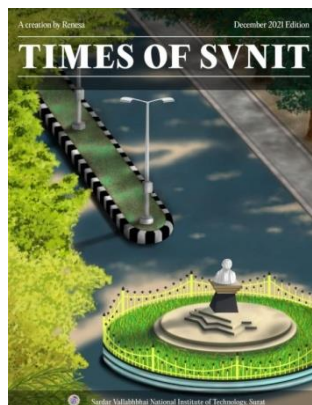
SAE Phoenix Aero, the official aero-design team of SVNIT, is a team of highly motivated aeromodelers striving to explore and excel in the domain of aeromodelling and related systems by creating RC planes, drones and UAVs. During the academic year 2021-22, SAE Phoenix aero participated as well as conducted various events and competitions. The academic year started with 2 projects split amongst the entire team. First, ShineX was a H-Tail configuration payload carrying micro-class RC aircraft with a wingspan of 1.2m. Second, Ares was a coaxial contra rotatory semi-autonomous Martian rotorcraft. The electric motor was completely self-designed accompanied by the mechanism of Swash plates. Next, Vyom-21 Vyom-21 was a semi-autonomous flying wing configuration multirotor quadplane, inspired from the Prandtl wing. The image stitching feature can be used for surveillance. VYOM-21 participated in the AL-VTOLA competition of Techfest, held by IIT Bombay and the team Phoenix Aero was among the top 15 finalists of the same. Phoenix Aero conducted Aero+, a series of seminars and workshops and in collaboration with MindBend conducted the event Dare to Defend, a competition that provided the budding aeromodelers a platform to showcase their aeromodelling and piloting skills.



**RENESA**

The academic year of 2021-2022 has been a rather fruitful one despite the obstructions due to COVID-19. We started off the year with the F1 Magazine, which aimed at equipping freshers with everything they need to know to begin their college journey mentally and physically. With over 200 reads online and reaching every fresher, the F1 magazine was a major success among the students of SVNIT.

We have started a Newsletter for the college audience that documents all the activities carried out within clubs and the college as a whole. The newsletter also features notable achievements by clubs and students of SVNIT. Bringing the college that much closer with a compact knowledge of the on goings, we hope to continue this Newsletter.



Visual feats aren't all we got, we have also made auditory accomplishments in the form of podcasts. Our examination-based podcast series focuses on how to clear significant examinations like CAT, and IELTS by interviewing experienced individuals.

We have our two regular yearly magazines, a theme-based one that usually revolves around meaningful topics that can easily connect with the reader. The other one is the fan-favorite Farewell magazine. With content ranging from nostalgic articles to senior to junior, junior to senior messages, photos and many more heartwarming sections, it truly encapsulates the farewell feeling and helps the final yearites get in touch with their emotions for their peers and the college.

We also accept guest submissions almost all year long, giving a chance to each and everyone from our college who has the passion but not the means to convey their story. If we see potential, we help them through the whole process of publication by helping them improve their piece and writing skills.

All in all, we mean to carry forward the legacy of creating meaningful visual content that aims not just to please the readers but to satisfy our moral and intellectual standards, with the addition of other forms/platforms of expression with the advancing technology. With this, we hope to keep the culture and passion of writing alive.

## **MINDBEND 2022**

The institute has organized MINDBEND 2022 during 14 -17 April, 2022. Gujarat's Largest Techno-Managerial Event, themed "Make in India," was jam-packed with eye-catching events, heart-warming workshops, and expert discussions. The event has provided students with a fantastic opportunity to explore the next level of engagement, knowledge, and contacts.

This year we have witnessed more than 700+ teams who participated under the Mindbend Umbrella to contest for a prize money of more than 5 Lakhs Rupees for 28 events and 5 mega events.

### **Major Highlights of Technical Events**

Robocombat, in which players such as "Tanhaji," India's premier Combat robots, challenged other competitors and heightened the level of the competition. Dare 2 Defend, in which students faced challenges in both building RC aircraft and flying them for specified tasks and goals. Path finder, students worked on creating a Line Following Robot with challenges on the robot's path, exposing students to the world of electronics, controllers, sensors, and software. Full Throttle required students to design a remote-controlled bot with an IC Engine that could compete against other students on a dirt track with a variety of obstacles.

### **Major Highlights of Managerial Events**

Students may experience the law and order system through Events such as Devils Court, which were based on real-life case studies. Students were exposed to the trading system at Mindbend Stock Exchange, and the event was centred on the NSE and BSE systems, providing core knowledge of stock market trading while having a great time.

Chem-e-Car, a departmental event hosted by the Chemical Engineering Department, challenges students to design and build a shoebox-sized cars powered and stopped by chemical processes. Electrical and Electronic Engineering Department's Smart Dustbin Designing a gadget that can separate dry and moist garbage and closes and opens automatically.



### Indian Institute of Industrial Engineering

Yantrik 2022 was the first technical fest of Department of Mechanical Engineering organized on 2<sup>nd</sup> and 3<sup>rd</sup> of April 2022. It comprised of 7 events out of which, 6 were competitions and one was interactive talk by Alumni of SVNIT. Competitions and talk were unique in itself and students from branches other than Mechanical too participated in the events and witnessed the talks. Even in the absence of 1<sup>st</sup> year in the campus, participation was observed in large numbers. Even the MTech students showed their interest by participating in the competitions and appreciated the events.

- 1) Competitions were:
- 2) City on Venus where students were suppose to do brainstorming to solve issues that were creating obstacles for permanent residency of humans over the Venus. It was judged by Alumni, Mr. Anayo Bhattacharya, doing research at Planetary science lab, university of Michigan.
- 3) Debate was organised on technical topics of future concern like IT sector will eliminate need of Mechanical engineers in future? Etc.
- 4) Quiz comprised of two rounds. 1<sup>st</sup> was online and individual while the another was offline and in couple of two with rounds such as picture round, domain round and rapid fire round.
- 5) Best out of waste was workshop rather than merely a competition. Students were given hands on practice on several manufacturing process and were judged based on their performance.
- 6) Mechathon was similar to Hackathon but the problem solved using coding was mechanical oriented problem.
- 7) CAD competition was meant not to just design using any software but students were forced to think the best design for better strength of obeying certain constrains.
- 8) Interactive talk was very inspiring and motivating to the students, given by two of our alumni of 2009 batch, that were, Mr. MoizEzzy, founder at Infigand Mr. Surindren, deputy General manager at L&T.

Lastly, two gems of SVNIT, Dr.R. V. Rao, director in-charge and Dr. Manish Rathod, Assistant Professor at DoME were falicitated with memento for the wonders created in the world of research. Dr. Jyotirmay Banerjee, HoD of DoME; Dr. T. N. Desai, faculty advisor and professor at DoME and Dr. Harshit K. Dave, associate professor at DoME, were the backbone of the event who supplemented with all the resources, contacts, ideas and most importantly, support.



Team photo of organising committee of Yantrik 2022 at the end of closing ceremony.

### **PHYSICS CLUB NIT SURAT**

The Physics Club NIT Surat aims to establish an extracurricular environment to foster students' passion in physics. To achieve our goal, we have conducted various events in the academic year 2021-22.

We organized a workshop on Mathematica by Dr. Vikash Kumar Ojha, DOP. The workshop gave participants hands on experience of Mathematica.

We also planned an online lecture series consisting of six talks to be given by eminent physicists from all over the world under the title Sarabhai Lecture Series.

The first talk was by Dr. Sowmya Bagchi from IITD where he narrated "Journey of the Humble Nucleus".

The second talk by Dr. C. S. Unnikrishnan, TIFR was on "Gravitational Waves: The New Wave in Physics, Technology and Astronomy.

The third talk, was a tour of "Exotic World of Neutron Stars" with Dr. Sudip Bhattacharyya, TIFR.

The fourth talk was by Dr. Manoneeta Chakraborty IIT, Indore, on "Observing Black Holes and Understanding their imprints"

The fifth talk was by Dr. Andreas Schmitt, University of Southampton, England. He talked on "Phases of QCD and Application to Neutron Stars".

The final was by Dr. Himanshu Pandey, DOP on 'A Journey through Fascinated Materials.'

We started 2022 with Partyaksha which started with "Explain in 3 levels" followed by Orientation of the Physics Club and a quiz.

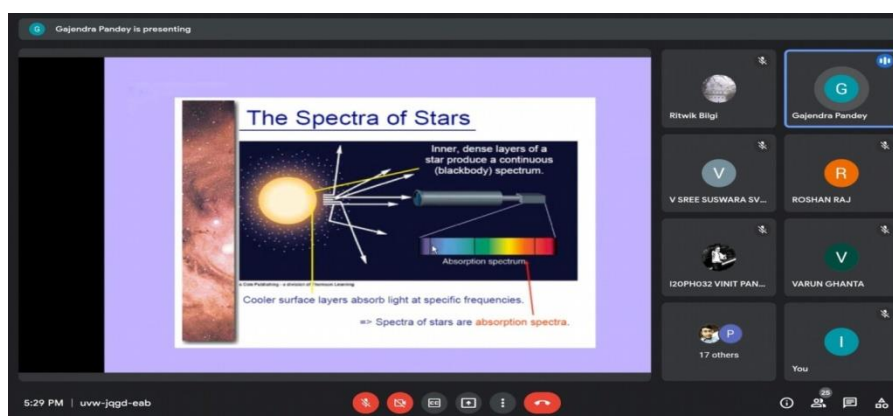


On National Science Day a talk titled 'Gravitational waves: A window to an unforeseen universe' was given by Dr. Debarati Chatterjee, IUCAA.

Another workshop was conducted on Software Origin presented by Dr. Himanshu Pandey.

A talk titled Story of Stars was given by Dr. Gajendra Pandey, IIA, in which he talked about Spectral and luminousness Classification of Stars.

We concluded with a paper presentation competition, where the participants had to present a paper, either original or researched and published work.



## SPARSH REPORT

On 14<sup>th</sup> April 2022, The first day of Sparsh 2022 kickstarted with spectacular performances by the best singers of SVNIT, Surat.

The participants of this evening were selected through an audition held on April 7th, 2022. Priyanshi Shah, Raj Singh, Prashant Gautam, and Ayushi Singh captivated the audience with their charismatic voices.

The musical evening was marked by the presence of our special guest, Dr. Ravi Kant, Dean Student Welfare SVNIT. The event was marked by the presence of Dr. A.K. Rai, the Chairman of Sparsh, and the faculty incharge of the dance evening, Prof. N.N. Patel, Prof.T.N. Desai, and Prof. A.K. Panchal. The marvelous evening was judged by Mr. Ketan Desai, Prof. Mrs. Anjali Khambete, and Mr. Manhar Chauhan.

The music performances ranged from solo to duet, from group singing- regional to western versions. The canteen cement saw a crowd of about 2000 energetic people vibing and enjoying the performances in unison. The flow of the evening was well managed by the Sparsh committee members. The evening concluded with a vote of thanks by Aditya Aman, president of the organizing committee.

Excellent dance performances marked the second day of Sparsh 2k22. More than 60 Participants enrolled, but only 40 performances were chosen for this evening's auditions, which were held between April 8 and May 22, 2022.

The evening begins with the introduction of the anchors Himanshu Makwana, Krina Patel, Aradhanaand Vignesh P. Sahoo. The event was marked by the presence of Dr A.K Rai, Chairman of Sparsh and the faculty in charge of the dance evening Dr Mrs. Shweta Shah and Dr Vipul Kheraj. The judges of the evening were Suhani Rawal, Choreographer for group dance in marriage functions and dance teacher at SVP School Secondly Bela Patel, dance teacher in DPS since last 10 years and finally Dr. Ketan Kuperkar, Associate Professor DOC, SVNIT. Categories of solo, duet, group and departmental performances were held with the presence of Dr Ravi Kant, Dean Student Welfare SVNIT. At the end we had a Rubix Crew performance by students from Malang group of CHRD. The judges were ready with their results within no minutes of the ending performance.

At the end the vote of thanks for the evening was given by Mr. Kailash Choudhary (Advisor)

The last day of Sparsh 2k22 was held on 16<sup>th</sup> April 2022. The celebrity welcomed was Shirley setia. The event started at 6:30 pm in the evening. The evening was held on SAC ground.

The celebrity night was marked by the presence of Dr. P. L. Patel, Honorable Deputy Director, Dr. Ravi Kant, Dean Student Welfare SVNIT, other Deans, Chief Wardens and Wardens of all he hostels. Sparsh anchor committee and the RJs from Radio Mirchi 98.3 handled the crowd very well.

Before Shirley Setia came, there were other dance and singing performances to keep the audience enthusiastic and full of excitement. The performances were given by Dharita Choudhary, Harshita Singh, Shreya Patel, Kevin Bhavsar, etc.

The SAC ground comprised of over more than 6000 people who were very much engrossed in the performance. The performance was started at 8:00 pm. The night started with romantic songs which had the crowd mesmerized and it ended with some Bollywood dance music where all the students danced to their's hearts content. There were separate sections for faculties and students so they can enjoy to the fullest.

The night ended while Dr. P. L. Patel, Honorable Deputy Director, Dr. Ravi Kant, Dean Student Welfare SVNIT, Dr A.K Rai, Chairman Of Sparsh, and the Co-chairman of sparsh gave Shirley Setia a memento, marking the end of the night and thanking her for such a wonderful performance.

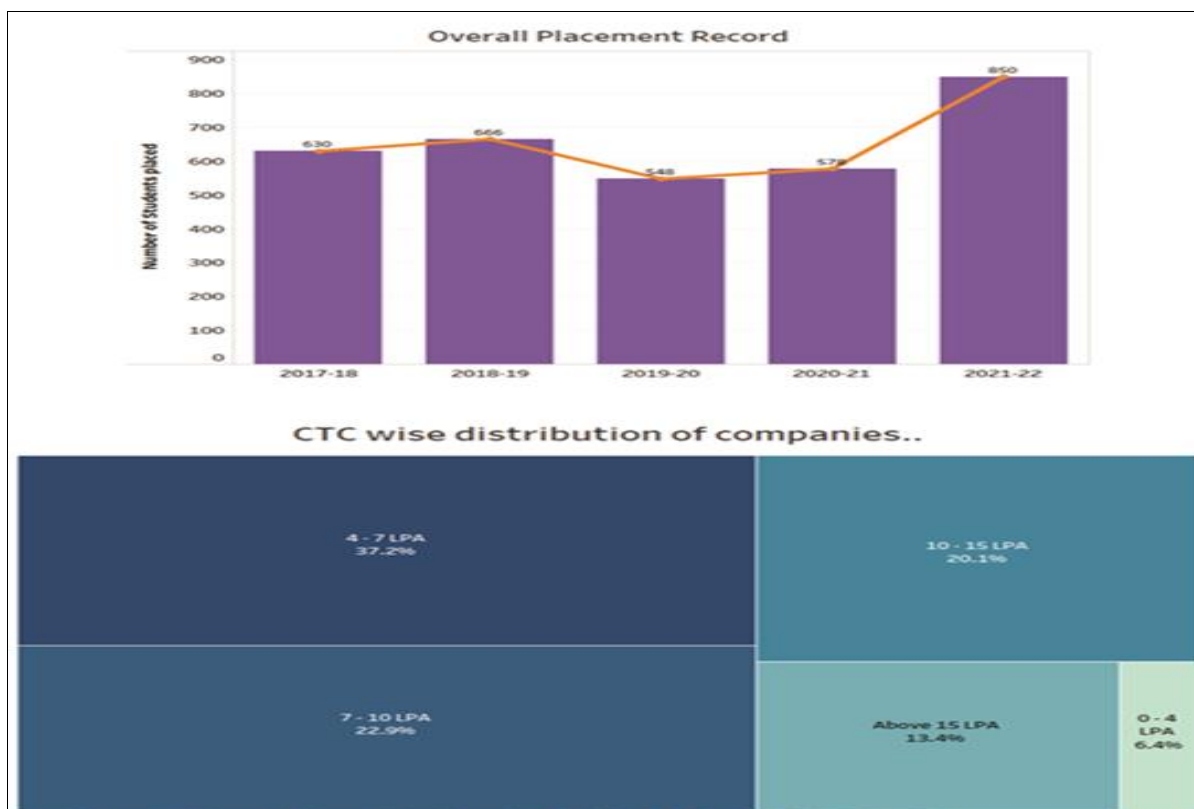


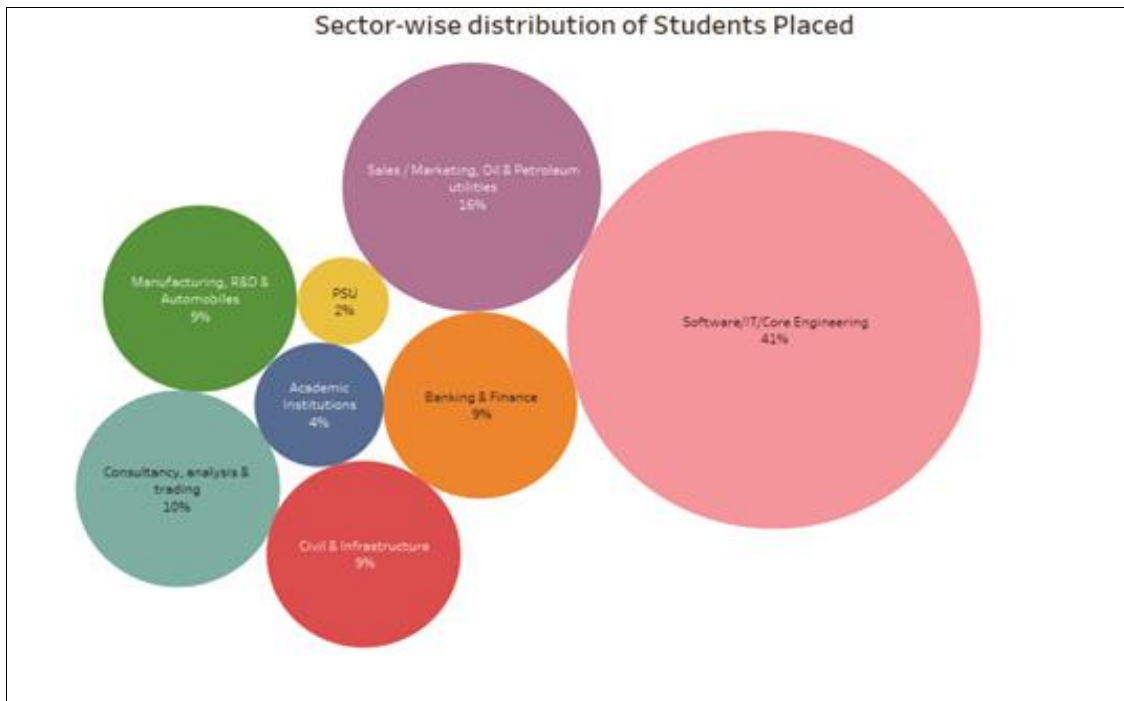
## 10.7 Placement Activities

SVNIT offers six B.Tech. nineteen M.Tech. and three M.Sc. integrated Programmes. The Section provides launching pad for the students to make it to the best organizations in the country. Training & Placement Section acts as an interface between the recruiters and the students, and helps the students to arrive at well informed decisions. The T and P section has maintained cordial relation with the recruiters and this has resulted in increased placements for our students. The following tables and figures show the relevant statistics.

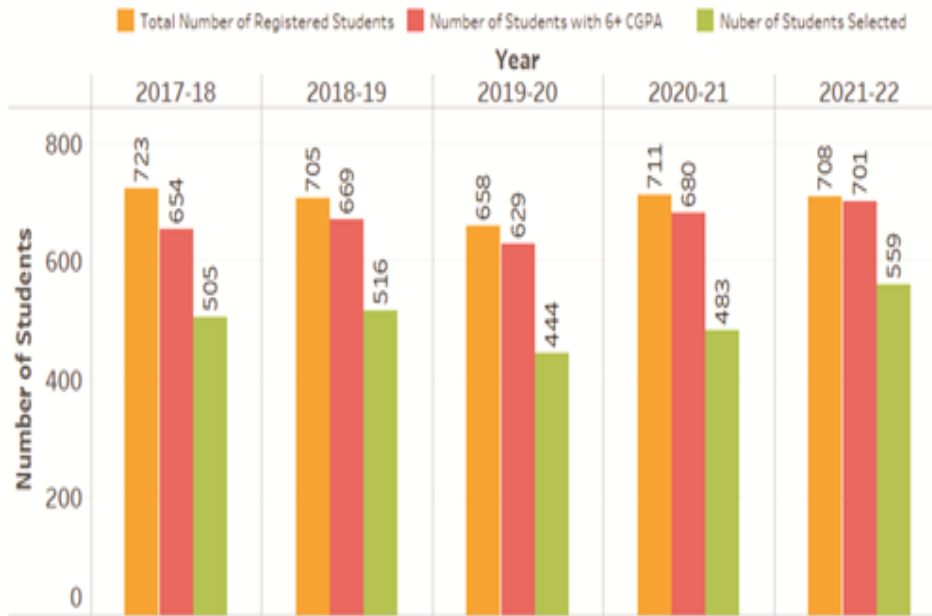
<b>(B.Tech.)</b>					
<b>Particulars</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
No. of Registered students	723	705	658	711	708
No. of Students with CGPA>6.00	65	669	629	680	701
No. of students selected	505	516	444	483	559
Placement percentage of total students	69.8	73.1	67.4	67.9	79.2
Placement percentage of eligible students	77.2	77.1	70.5	71.0	80.0
Average salary package (Rs. Lakhs per year)	6.72	6.80	7.48	7.97	10.05

<b>(M.Tech.)</b>					
<b>Particulars</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
No. of Registered students	282	270	254	309	388
No. of Students with CGPA>6.00	263	260	242	308	385
No. of students selected	110	106	80	80	244
Placement percentage of total students	39.0	39.5	31.1	25.8	63.9
Placement percentage of eligible students	41.8	40.7	32.6	25.9	64.4
Average salary package (Rs. Lakhs per year)	5.16	5.00	5.85	6.50	8.10
<b>Integrated M.Sc.</b>					
<b>Particulars</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
No. of Registered students	59	135	95	48	111
No. of Students with CGPA>6.00	56	127	90	47	111
No. of students selected	15	38	21	15	46
Placement percentage of total students	25.4	28.1	22.1	31.2	41.4
Placement percentage of eligible students	26.7	29.9	23.3	31.9	41.4
Average salary package (Rs. Lakhs per year)	4.46	4.50	6.26	4.89	6.38

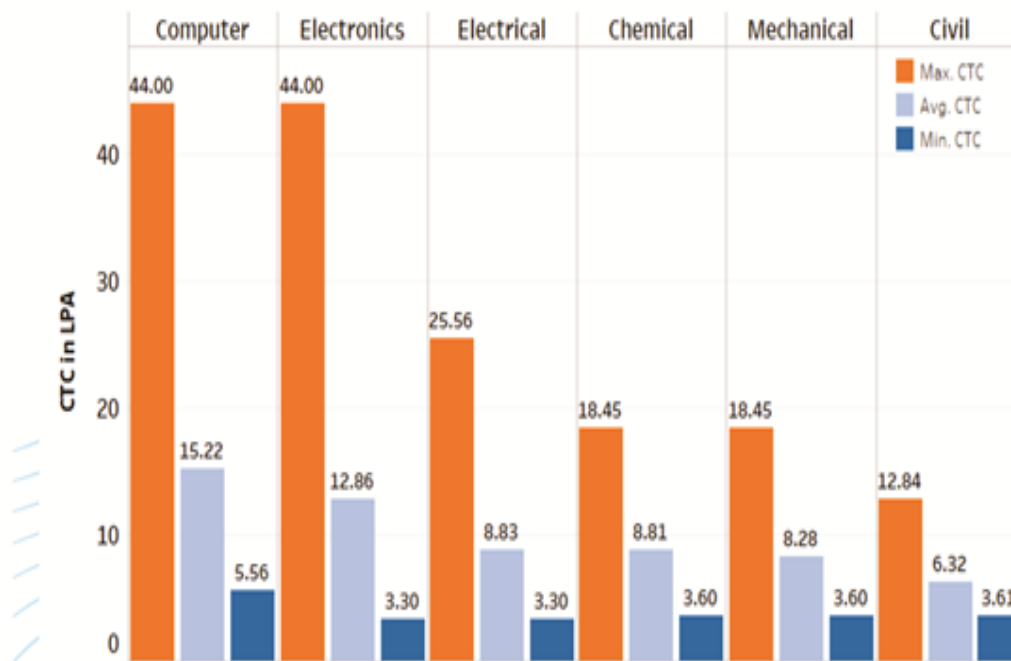


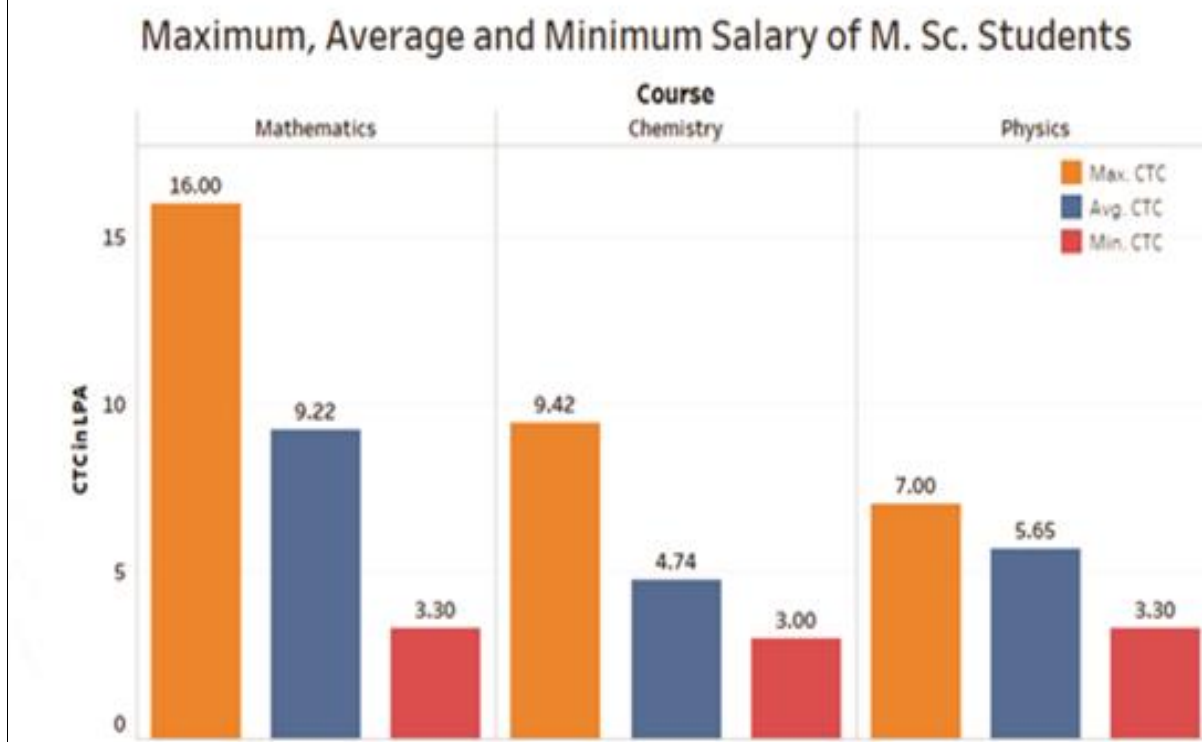
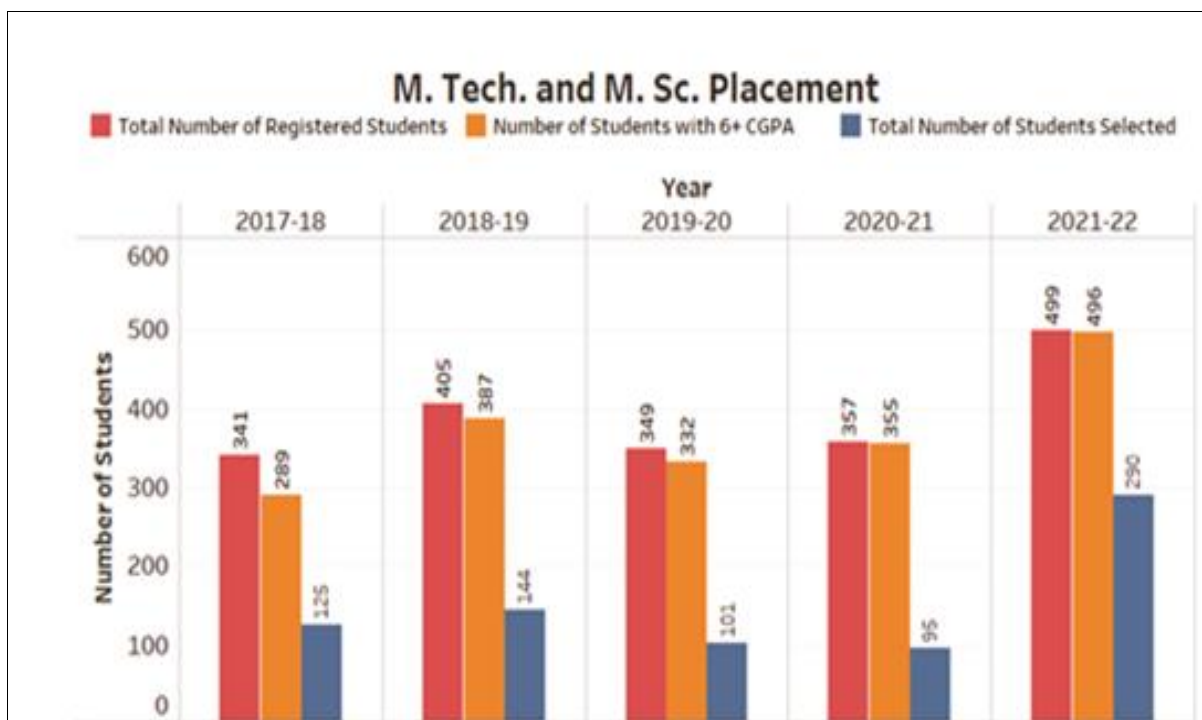


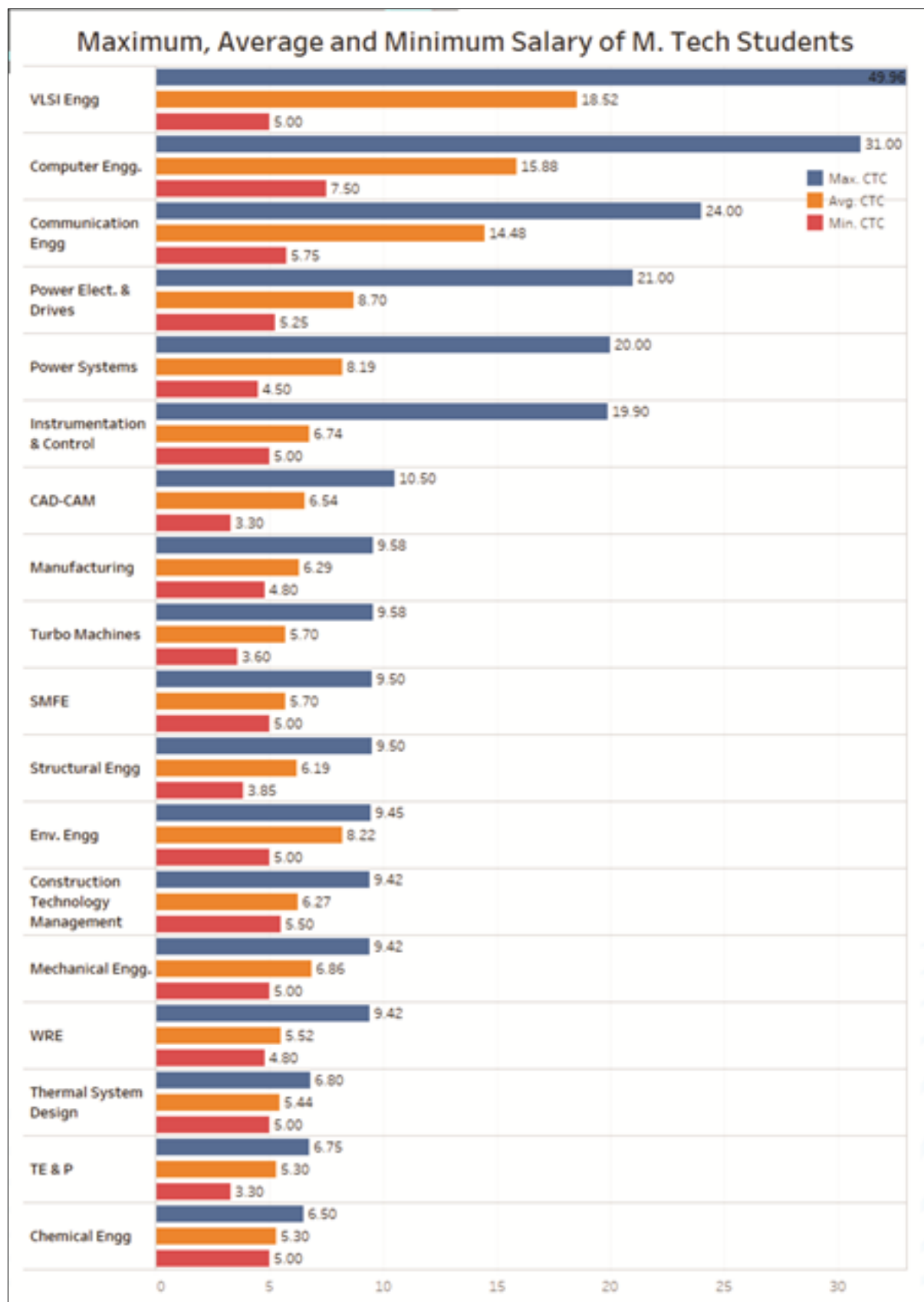
### B. Tech. Placement



### Maximum, Average and Minimum Salary of B. Tech. Students







## 11.0 CENTRAL FACILITIES

## 11.1 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 Unified Threat Management System. 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 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 services and provide necessary support for 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 Computers), 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, 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 is done by Central Computer Centre. 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.

## 11.2 Central Library

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 was 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 the "green building", louvers are provided on three sides, a semi-transparent dome at the centre of the building, and the roof is installed with solar panels.

**The collection of resources has been methodically developed through the years. During the year (2021-2022) under report, the following resources were added to the Library.**

Particulars of Reading Materials	Numbers
Books	753
Complimentary Books	153
E-Books	956
Thesis/Dissertation (Print)	185
CD ROM (Along with Books, Journals, Thesis and Dissertation)	165
Print Journals Subscribed	33
Online Individual Journals Subscribed	20

### 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), SAGE Engineering and Materials Science 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), SAGE Urban Studies and Planning Collection (43)

**Online Databases Subscribed**

ASTM Standards, IEEE/IET Electronic Library, Turnitin Plagiarism Detection Online Software, Grammarly Premium, Project Muse Collection, McGraw Hill Access Engineering Online Database, ASME Standards (Except BPVC), Indian Standards, International Electro Technical Commission (IEC) Standards and 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, Ouriginal (Formerly URKUND) Plagiarism Detection Software, Web of Science Lease Access, World e-Book Library and 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:**

<b>Particulars of Reading materials</b>	<b>Numbers</b>
Books (Purchased)	79634
Gratis Books	9917
Book Bank Books	7402
<b>Particulars of other reading materials except books</b>	
Research Proceedings	690
Standards	15844
Bound / Back Volumes (Print)	9050
Bound / Back Volumes (Online)	5395
Dissertation (Print)	5120
Print journals subscribed	33
<b>Electronic Documents</b>	
CD ROM (Purchased)	895
CD ROM (Along with Books, Journals, Theses & Dissertation)	4168
E-Books	11242
Online individual journals titles subscribed	20

**Online Journals/Proceedings/Standards Subscribed Through Publishers/Various Agencies**

Twenty online backfiles of journals were 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 (4 Journals), American Mathematical Society (15 Journals), ASCE Proceedings (174 Volumes), ASTM Digital Library (8 Journals), SAGE Engineering and Materials Science Collection (81), Emerald CFTI Collection (310 Titles), 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 (72 Journals) and SIAM Journals package (17 Journals).

**E-resources Provided by the e-Shodh Sindhu (eSS) 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, Ouriginal (Formerly URKUND) Plagiarism Detection Software, Web of Science Lease Access, World e-Book Library and South Asia Archive (SAA).

**Online Databases**

ASTM Standards, IEEE/IET Electronic Library, McGraw 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 and 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 and SAE Vehicle Dynamics Technology Collection.

The total equipment available in the Library is listed below:

Sr. No.	Name of the Equipment	Quantity
<b>Computers</b>		
	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
<b>Printers</b>		
	HP Laser jet 1320N	01
	Barcode printer	01
<b>Other Equipment</b>		
	Toshiba e-studio 282 Xerox Machine	01
	Xerox Work Center 5945 Photo Copier Machine	01
	Barcode Scanner	05
	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	01 Unit

Sr. No.	Name of the Equipment	Quantity
	-Branded Client PC -Auto cutter thermal printer & Kiosk shell with fittings -LSmart client software -Barcode scanner.	
	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
	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. 1,64,59,828.00 Library Operating Cost (LOC) and Rs.3,14,64,185.00 (OH-35)

In addition to LOC and OH-35 funds, an amount of Rs. 7,44,684.00 was utilized for purchasing books/e-books from the Annual Plan Grant.

The Library is a member of the e-ShodhSindu, Consortia for Higher Education E-Resources and Developing Library Network (DELNET).

The Library also provides individual membership to the citizens against membership fees.

**11.3 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 2021-22 the following 64 program (in Online Mode) are conducted through CCE.

**Duration: (April 2021-March 2022)**

STTP	32
Workshop (Online Mode)	12
Expert Lecture (Online Mode)	04
Conference (Online Mode)	16
Total Number of Training Programs Completed till end of June -2022:	<b>64</b>

Total No. of participants till end June 2022	
Industry	207
Faculty	1307
Students	3188
<b>TOTAL</b>	<b>4702</b>

Sr. No	Organized By	Title of Program / Workshop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Number of Participants			
						Industry	Faculty	Students/ Research Scholar/ PG	Total
01	DOC	STTP on " Micro & Macro-Chemistry Meets Technological Developments (M2 CMTD-2021)"	5-9 July 2021	Dr. Suresh Kumar Dr. Naved Malek Dr. BZ Dholakiya	Self-Sustained	1	6	61	68
02	AMHD	STTP on " Writing Quality Research Papers"	6-10 July 2021	Dr. Urvashi Kaushal	Self-Sustained	--	32	162	194
03	MED-ChED	Workshop on " Computational Analysis on Mechanical & Chemical Process Using ANSYS"	12-16 July 2021	Dr. Pallvita Yadav Dr. Sarita Kalla	Self-Sustained	--	4	70	74
04	MED	STTP on " Mechanical Design with Fusion 360"	16-20 July 2021	Dr. A. A. Shaikh	Self-Sustained	--	--	57	57
05	COED	FDP on " Cyber Threat Intelligence and Digital Forensics (CTIDF - 2021)"	19-23 July 2021	Dr. UP Rao, Dr. Sankita Patel Dr. B. N. Gohil	ATAL Sponsored	--	90	24	114
06	CED	FDP on " Air, Noise and Odour Pollution"	19-23 July 2021	Dr. B N. Tandel	ATAL Sponsored	--	92	--	92
07	CED	Workshop on " Road safety: Engineering, Education and Enforcement"	23-24 July 2021	Dr. A Dhamaniya Dr. S. S. Arkatkar	Self-Sustained	109	7	57	173
08	MED	FDP on " Advances in Manufacturing"	26-30 July 2021	Dr. S. Kumar Dr. H. K. Dave	ATAL Sponsored	--	66	4	70
09	CED	Five Days Workshop on "Practice Research to Research Practice (P2R&R2P) in Construction Technology & Management "	2-6 Aug 2021	Dr. D. A. Patel	Self-Sustained	10	4	12	26
10	CHED	International Conference on " Advances in sustainable Research for Energy and Environmental Management (ASREEM-2021)"	6-8 Aug 2021	Dr. AK Mungry, Dr. V. N. Lad, Dr. Alka Mungay, Dr. M. Chakraborty & Dr. Jogendra Singh	Diamond Jubilee Celebration & Self-Sustained	2	43	197	242
11	MED	STTP on " Computational Fluid Dynamic : Part-II (An Intermediate Level)"	12-16 July 2021 Postponed to 16-20 Aug 2021	Dr. H. B. Mehta, Dr. V. M.. Patel Dr. Rohan Pande	Self-Sustained	--	5	31	36
12	EED	One Week Short Term Training Program (STTP) on "Power Converters in Renewable Source Integrations: Fundamentals to Implementation"	21-22, 28-30 August, 2021	Dr. M A. Mulla Dr. Sanjay Tolani	Self-Sustained	4	6	31	41
13	ECED	25th International (Symposium) Conference on " VLSI Design and Test (VDAT-2021)"	16-18 Sept 2021	Dr. Pinal Engineer Dr. Abhishek Achhary Dr. Zuber Patel , Dr. Deepak Joshi Dr. Anand Darji	Self-Sustained	6	15	13	34
14	CED	ATAL FDP on " Air Pollution and Climate Change"	20-24 Sept 2021	Dr. N. D. jariwala and Dr. R. A. Christian	ATAL Sponsored	--	84	38	122
15	DOC	STTP on " Advanced Characterization Techniques for Chemical Scaffolds"	21-25 Sept 2021	Dr. Smita Jahuri, Dr. Kalpna Maheria, Dr. Premlata Kumari Dr. Suban K Sahoo Dr. Ketan Kuperkar	Self-Sustained	--	8	52	60
16	MED	1st International Conference & 2nd National Conference on "Advances in Fluid flow of Thermal Sciences"	24-25 Sept. 2021	Dr. J. Banerjee	Diamond Jubilee Celebration & Self-Sustained	--	8	62	70

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Sr. No	Orga-nized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Number of Participants			
						Industry	Faculty	Students/ Research Scholar/ PG	Total
17	EED	STTP on " Emerging Technologies in Distribution system and Distributed Generation"	27 Sept to 1 Oct 2021	Dr. Khyati D. Mistry, Dr. Sabha Raj Arya, Dr. Rakesh Maurya, Dr. Mahesh Aeidupa Dr. Hitesh R. Jariwala	Self-Sustained	--	2	37	39
18	DOC	STTP on " Organic - Inorganic Hybrid Materials (OIHM - 2021)"	4-8 Oct 2021	Dr. Ritambhara Jangor, Dr. Areti Sivaiah and Dr. Suresh Kumar Kailasa	Self-Sustained	--	6	58	64
19	DOP	STTP on " Computational Tools for Physics (CTP-2021)"	04-08 Oct 2021	Dr. Himanshu Pandey, Dr. A. K. Rai, Dr. V. A. Kheraj, Dr. Debesh R. Roy Dr. Shail Pandey	Self-Sustained	--	3	45	48
20	AMHD	International Conference on " Mathematical Science"	7-9 Oct 2021	Dr. Sushil Kumar, Dr. Shailesh Kumar Srivastava, Dr. Indra P. Debnath Dr. Sudeep Singh Sanga Dr. Raj Kamal Maurya Dr. Amit Sharma	Self-Sustained	--	57	92	149
21	DOP	Virtual International conference on " Fundamental and Applied Sciences (FAS - 2021)"	20-21 Oct 2021	Dr. Dimple V. Shah Prof. K. N. Pathak	Diamond Jubilee Celebration & Self-Sustained	--	10	59	69
22	ICC	International Conference ( Symposium) on " Aspiring Safer and Healthier Workplace (SASHW) 2021"	22-23 Oct 2021	Dr. Rasika Dhavse, Dr. Dimple Shah Dr. Ravikant Dr. Kalpana Maheria Dr. Urvashi Kaushal Dr. Gandireddy Sushnigdha Dr. Namrata Jariwala Dr. Shruti Shukla Dr. Kirti Inamdar	Diamond Jubilee Celebrations & Self-Sustained	--	20	20	40
23	DCE	National Conference on " Air, Noise and Odour Pollution (ANOP-2021)"	22-23 Oct 2021	Dr. Bhaven N. Tandel	Self-Sustained	--	5	13	18
24	EED	International Conference on " Sustainable Development Goals & Gender Perspective (ICSDGAGP)"	25-26 Oct 2021	Dr. Vasundhara Mahajan and Dr. Anandita Chowdhury	Diamond Jubilee Celebration & Self-Sustained	9	26	29	64
25	MED	Workshop on " Thermal System Design and Analysis"	25-29 Oct. 2021	Dr. Prabhansu, Dr. Naresh Y. and Dr. Nikhil A. Baraiya	Self-Sustained	--	4	47	51
26	DME	Five days STTP on " Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT)"	25-29 Oct. 2021 taken 18-22 Oct 2021	Dr. R. V. Rao	Self-Sustained	1	7	34	42
27	EED	One Week Short Term Training Program (STTP) on "Embedded C for ARM Cortex M4 Microcontrollers"	25-29 October, 2021	Dr. Mahmadasraf A. Mulla and Dr. Sanjay Tolani	Self-Sustained	3	--	42	45
28	DOMH	One Week STTP on " Advanced Analytical & Numerical Techniques to Solve Differential Equations for Engineers, Researchers and Scientists"	29 Oct to 3rd Nov 2021	Dr. V. H. Pradhan, Dr. Jayesh M. Dhodiya and Dr. Saroj R. Yadav	Self-Sustained	3	10	17	30
29	EED	International Conference on " Sustainable Technology and Advanced Computing in Electrical Engineering (ICSTACE)"	11-12 Nov 2021	Dr. Vasundhara Mahajan and Dr. Anandita Chowdhury	Diamond Jubilee Celebration & Self-Sustained	1	20	108	129
30	ECED	4th International Conference on " Emerging Trends in Electronics, Communication and Networking (ET2ECN 2021)"	17-18 Nov. 2021	Dr. Abhilash Mandloi, Dr. (Mrs.) S. Gupta, Dr. K. P. Upla and Dr. (Ms.) Kirti Inamdar	Diamond Jubilee Celebration & Self-Sustained	3	5	25	33
31	CSE	National Workshop on " Privacy and Security in Cyber Physical Systems"	23-25 Nov. 2021	Dr. Balu L. Parne and Dr. Keyur J. Parmar	Diamond Jubilee Celebration & Self-Sustained	--	9	25	34

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Sr. No	Orga-nized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Number of Participants			
						Industry	Faculty	Students/ Research Scholar/ PG	Total
32	DOC	2nd International Conference on " Chemical Sciences in Sustainable Technology and Development (IC2S2TD * 2021)	24-26 Nov 2021	Dr. Suresh Kumar, Dr. Naved Malek and Dr. Bharat Dholakiya and Prof. Tae-Jung Park (Prof. CAU, South Korea)	Self-Sustained	1	64	149	214
33	EED	STTP on " Analytics of Power System"	29 Nov. 2021 to 3 Dec 2021	Dr. Pranavkumar B. darji, Dr. Ashish K. Panchal and Dr. H. R. Jariwala	Self-Sustained	--	3	25	28
34	CSE	National Workshop on " Big Data Analytics (BDA-2021)"	6-7 Dec 2021	Dr. R. G. Mehta and Dr. D. P. Rana	Diamond Jubilee Celebration & Self-Sustained	--	--	91	91
35	DOMH	STTP on " Mathematical Tools and Techniques for Scientists & Engineers"	6-10 Dec 2021	Dr. R. K. Jana and Dr. A. K. Shukla	Self-Sustained	--	13	18	31
36	COED	International Conference on " Security, Privacy and Data Analytics (ISPSA-2021)"	13-15 Dec 2021	Dr. U. P. Rao, Dr. S. J. Patel and Dr. B. N. Gohil	Diamond Jubilee Celebration & Self-Sustained	1	9	15	25
37	DME	STTP on " Advanced Structural, Aerodynamic analysis and Composite Modeling Using ANSYS"	13-17 Dec 2021	Dr. R. Srilakshmi, Dr. Sumit Khare and Dr. Rohit Tamrakar	Self-Sustained	--	4	19	23
38	DOMH	STTP on " Data Analysis for Qualitative and Quantitative Research"	13-17 Dec 2021	Dr. Vaishali S. Dhingra, Dr. H. P. Bulsara and Dr. Urvashi Kaushal	Self-Sustained	1	32	67	100
39	DCE	National Conference on " Smart and Sustainable Cities - 2021"	17-18 Dec 2021	Dr. K. A. Chauhan, Dr. Chetan R. Patel and Dr. Ravin M. Tailor	Self-Sustained	--	5	117	122
40	DOC	International Conference on " Molecules to Materials - 2021"	17-18 Dec 2021	Dr. Kalpna Maheria, Dr. Smita Jahuri, Dr. Premlata Kumari, Dr. S K Sahoo Dr. Ketan Kuperkar	Diamond Jubilee Celebration & Self-Sustained	--	13	84	97
41	DME	International Conference on " Advancements in Design and Tribology "	17-18 Dec 2021	Dr. B. M. Sutariya, Dr. Sandeep Soni, Dr. Achchhe Lal, Dr. S. N. Pandya and Dr. Sumit Khare	Diamond Jubilee Celebration & Self-Sustained	1	9	30	40
42	DECE	2nd International Conference on " Advances in VLSI and Embedded systems (AVES-2021)"	18-19 Dec 2021	Dr. Anand Darji, Dr. Zuber M. Patel, Dr. Abhishek Acharya, Dr. Deepak Joshi, Dr. Pinalkumar J. Engineer Prof. Virendra Singh, IIT Bombay	Diamond Jubilee Celebration & Self-Sustained	2	7	22	31
43	DOP	Virtual National Conference on " Plasma Science & Applications (PSA-2021)"	20-21 Dec 2021	Dr. A. K. Rai, Dr. Vipul A. Kheraj, Dr. Shail Pandey, Dr. M. K. and Dr. H. P.	Self-Sustained	--	23	43	66
44	DME	ATAL FDP on " An Essence of Multiphase Flow: Challenges & Futuristic Technology"	20-24 Dec 2021	Dr. H. B. Mehta	ATAL Sponsored	--	45	6	51
45	DCE	STTP on " Detoriation, Damage Assesmenr and Strenthening of structures (DDASS-2021)"	27-31 Dec 2021	Dr. Tamizharasi G., Dr. B.K. Vendhan Dr. C.D. Modhera	Self-Sustained	13	56	39	108

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Sr. No	Orga-nized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Number of Participants			
						Industry	Faculty	Students/ Research Scholar/ PG	Total
46	DOC	STTP on " Surface Chemistry: Colloid and Interface aspects with applications (SCCIA-2022)"	3-7 January 2022	Dr. Ketan Kuperkar, Dr. Suban K. Sahoo, Dr. Smita Jauhari, Dr. Kalpana Maheria And Dr. Premlata Kumari	Self-Sustained	--	9	60	69
47	DOC	STTP on " Emerging Trends in Synthesis of Chemical Scaffolds (ETSCS - 2022)"	27-31 Jan 2022	Dr. Premlata Kumari, Dr. Kalpana Maheria, Dr. Smita Jauhari, Dr. Suban K. Sahoo, And Dr. Ketan Kuperkar	Self-Sustained	--	79	9	88
48	DME	3rd International Conference on " Advanced Engineering Optimization through Intelligent Techniques"	28-30 Jan. 2022	Dr. R. V. Rao and Dr. Pallvita Yadav	Self-Sustained	--	23	56	79
49	DME	STTP on " Research Methodology : Tools and Techniques - IV "	01-05 Feb 2022	Dr. Ravi Kant and Dr. Dinesh Singh	Self-Sustained	--	9	24	33
50	DOMH	2nd International Conference on " Mathematical Modeling and Simulation in Physical Science ( MMSPS) "	5- 6 Feb 2022	Dr. V. H. Pradhan, Dr. Jayesh M. Dhodiya, Dr. Saroj R. Yadav, Dr. Saurvav Gupta and Dr. Yogesh Sonvane	Self-Sustained	--	16	55	71
51	EED	National Workshop on " Control & Automation : Recent Trends & Future"	12-13 Feb 2022	Dr. S. N. Sharma, Dr. H. G. Patel, Dr. R. Radhakrishnan and Dr. G. Sushnigdha	Diamond Jubilee Celebration & Self-Sustained	--	1	37	38
52	DECE	STTP (FDP) " Photonics and its Application"	20-24 Dec 2021 Post pond 14-18 Feb 2022	Dr. P. N. Patel and Dr. Abhilash Mandloi	ATAL Sponsored	2	128	15	145
53	CHED	National Conference on " Recent Advances in Chemical Engineering towards Sustainable Future"	17-18 Feb 2022	Dr. Jigisha K Parikh, Dr. Meghal A. Desai, Dr. Sanjay R. Patel, Dr. G. C. Jadeja and Dr. S. K. Sundar	Diamond Jubilee Celebration & Self-Sustained	2	8	41	51
54	DOC	STTP on " Chemistry from Computational tools for beginners (CCTB-2022)"	1-5 March 2022	Dr. S K. Sahoo Dr. Ketan Kuperkar, Dr. Smita Jauhari, Dr. Kalpana Maheria, Dr. Premlata Kumari	Self-Sustained	1	12	192	205
55	MED-ChED	7 Days Workshop on "Application of statical tools and modelling in Engineering and Science"	17-23 Dec 2021 Post pond 7-13 March 2022	Dr. Pallvita Yadav Dr. Sarita Kalla	SERB and Self-Sustained	--	--	47	47
56	DCE	Three Days National Workshop on " Transportation Engineering : Advances Approaches in Data Collection and Analysis for Heterpgeneous Traffic flow Modelling"	10-12 March 2022	Dr. A Dhamaniya Dr. S. S. Arkatkar	Diamond Jubilee Celebration & Self-Sustained	2	4	52	58
57	DCE	FDP on " Earthquake Resistant Design of RC Building"	4-8 April 2022	Dr. Tamizharasi G.	Self-Sustained	4	29	39	72
58	DOP	1st Workshop on " Nuclear Physics 2022"	12-16 April 2022	Dr. Dipika Patel Dr. A. K. Rai Dr. V. K. Ojha	Self-Sustained	1	18	57	76
59	DOC	STTP on " Journey of Analytical Techniques in Chemical and Biological Sciences (JATCBS - 2022)"	18-22 April 2022	Dr. Naved Malek Dr. BZ Dholakiya Dr. Suresh Kumar	Self-Sustained	--	10	72	82
60	DCE	Five Days Workshop on " Practice to Research and Research tp Practice in Constration Technology and Management"	April 18-22, 2022	Dr. D. A. Patel Dr. Vaishali Dhingra	Self - Sustained	--	--	36	36
61	DEE	STTP on " Digital Signal Processor: An Introduction with Code Composer Studio and	14-16, 23-24 April	Dr. Mahmadasraf A. Mulla and Dr.	Self-Sustained	6	10	60	76



Sr. No	Orga-nized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Number of Participants			
						Industry	Faculty	Students/ Research Scholar/ PG	Total
		PSIM Software"	2022	Suresh Lakhimsetty					
62	DCE	One Day Training Program on " Introduction to 1D - 2D River Flood Modelling using MIKET"	May 7, 2022	Dr. S. M. Yadav	Self - Sustained	2	--	29	31
63	DCE	One Day Workshop on " Impact of climate change on water resource of tapi basin"	May 21, 2022	Dr. P. L. Patel Dr. P V Timbadiya	under Project	15	7	18	40
64	DCE	GIAN Course STTP on " Spatial Analysis for water Resource Modeling and Management"	June 13-17, 2022	Dr. S. M. Yadav	GIAN & Self-Sustained	1	7	42	50
					<b>TOTAL</b>	<b>207</b>	<b>1307</b>	<b>3188</b>	<b>4702</b>

## 11.4 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.

## 11.5 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.

### Objectives 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, Department of Civil Engineering	Dr. P L Patel
SVNIT Surat, Department of Mechanical Engineering	Dr. J Banerjee
IIT Bombay, Department of Civil Engineering	Dr. V Jothiprakash Dr. R Balaji
VNIT Nagpur, Department of Civil Engineering	Dr. A D Ghare
MANIT Bhopal, Department of Civil Engineering	Dr. Vishnu Prasad
MSU Baroda, Water Resources Engg. & Mgt. Institute (WREMI)	Dr. TMV Suryanarayana

#### Field Agencies

Central Water Commission (CWC)

Central water & Power Research Station (CWPRS), Pune

Narmada Water Resources, Water Supply & Kalpsar Deptt. (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

#### Facilities in CoE:

Computational Hydraulics Lab		Experimental Hydraulics Lab
Bentley WATERGEMS	Academic & Commercial licenses*	<ul style="list-style-type: none"> <li>Multipurpose titling flume with sediment transport collection arrangement</li> <li>Water Circulation System with fully automated operation through PLC based SCADA system</li> <li>Laser Doppler Velocimetry (LDV)</li> <li>Acoustic Doppler Velocimeter (ADV)</li> <li>Acoustic Doppler Velocimeter Profiler (ADVP)</li> <li>Bed Level Profiler (URS)</li> <li>Proposed Multipurpose titling flume under DST FIST Project</li> <li>River Tray facility for River Morphology studies</li> <li>Trimble Global Navigational Satellite System (GNSS)</li> </ul>
Bentley SEWERGEMS		
Bentley STORMCAD		
Bentley HAMMER*		
MIKE 21 FM*		
MIKE 21C	Academic licenses	
MIKE 11		
MIKE 21		
MIKE FLOOD		
MIKE SHE		
MIKE URBAN		
MIKE HYDRO		
HEC-RAS		
HEC-HMS		
HEC-ResSim		
ArcGIS 10.6		
ERDAS Imagine 10.0		
AutoCAD		
STATISTICA 10.2		
GMS		

MATLAB 2014a	Institute Licenses	Instrument • Proposed Pump testing rig for performance testing of pumps
TerrSet Geospatial Monitoring and Modeling Software	Student License	
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 Classroom:

There is a provision of classroom 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:

- Reports of Two Research Projects titles “Impact of Climate Change on Water Resources of Tapi Basin (88.26Lakhs) and “Impact of Climate Change on Water Resources of Sabarmati Basin” (23.36 Lakhs) funded by INCCC, DoWR RD&GR, MoIS, GoI are submitted.
- 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 rainfall 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 2021-22:

- Research project on “Local scouring around Tandem and staggered piers on non-uniform mobile bed” is received for funding under Core Research Grant by Science & Engineering Research Board (SERB). (Rs. 58.75 Lakhs).
- Received best paper presentation for the following papers under various themes at HYDRO 2021 International Conference
  - Assessment of Vertical Accuracy of Freely Available Global Digital Elevation Models for Heterogeneous Terrains in India.
  - Computation of Socio-economic Vulnerability for Densely Populated Surat City, India.
  - Investigation of Crop Evapotranspiration and Irrigation Water Requirement in the Ukai-kakrapar Command Area, India.
  - Flood Inundation Mapping using 2D Hydrodynamic Model and GIS Technique for Lower Tapi Basin, India.
  - Performance Evaluation of 2D Hydrodynamic Model and GIS Technique for Lower Tapi Basin India.
  - Performance Evaluation of 2D Hydrodynamic Model for Lower Narmada River Basin India.
  - Meteorological Drought Analysis of Sabarmati Basin, India.
- Organized ‘HYDRO 2021 - International Conference (Hydraulics, Water Resources and Coastal Engineering) at SVNIT Surat during Dec. 23-25, 2022.
- Following Two PhD Theses entitled were defended / awarded during July 2021 to June 2022.
  - “Assessment of morphological changes in planform, hydraulic geometry and sediment flux pattern in Upper Tapi river, India”
  - “Experimental investigation of bridge pier scouring in mobile boundary channels”
- Six M.Tech. students have worked on different themes of CoE for their dissertation.

- Impact of land use land cover and climate change on stream flows of Burhanpur sub catchment.
- Assessment of coastal vulnerability and shoreline changes of Surat region, India.
- Optimal Irrigation planning using soft computing techniques for Dharoi command area.
- Rainfall runoff Modelling of MBSIR Area, Gujarat.
- Hydrological Modelling on Panam river basin using HEC-HMS
- Modelling of the Urban Flooding of West Zone of Surat City using SWMM.

• **Publications: National and International Journal Papers: 10**

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- Laxmi Narayana, P., Timbadiya P. V., & Patel, P. L. (2022) Flow fields around tandem and staggered piers on a mobile bed, International Journal of Sediment Research, <https://doi.org/10.1016/j.ijsrc.2022.05.004> (SCI Journal with IF-3.259)
  - Sharma, A., Patel, P. L., and Sharma, P. J. (2022). Influence of climate and land-use changes on the sensitivity of SWAT model parameters and water availability in a semi-arid river basin. *Catena*, 215, 106298. <https://doi.org/10.1016/j.catena.2022.106298>
  - Sangita Pawar, Prem Lal Patel & A.B. Mirajkar (2022) Intuitionistic fuzzy optimization approach in optimal irrigation planning of Ukai-Kakrapar irrigation project, India, ISH Journal of Hydraulic Engineering, DOI: 10.1080/09715010.2022.2052988
  - Teegavarapu, R. S. V., Sharma, P. J., and Patel, P. L. (2022). Frequency-based performance measure for hydrologic model evaluation. *Journal of Hydrology*. In Press] [IF – 5.722] <https://doi.org/10.1016/j.jhydrol.2022.127583>
  - P. Laxmi Narayana, P.V. Timbadiya & P. L. Patel (2021). Flow field measurements around isolated, staggered, and tandem piers on a rigid bed channel, International Journal of Civil Engineering. <https://doi.org/10.1007/s40999-021-00678-w>
  - P. Laxmi Narayana, P.V. Timbadiya & P. L. Patel (2021). Vorticity fields around a pier on rigid and mobile bed channels, ISH Journal of Hydraulic Engineering. <https://doi.org/10.1080/09715010.2021.1927209>
  - Resmi, S.R., Patel, P.L. & Timbadiya, P.V. (2021). 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. <https://doi.org/10.1016/j.ijsrc.2021.03.003>
  - Timbadiya, P.V. & Krishnamraju, K.M. (2022) A 2D Hydrodynamic Model for River Flood Prediction in a Coastal Floodplain, Natural Hazards, <https://doi.org/10.1007/s11069-022-05587-2> (SCI Journal with IF-3.158)
  - Aarti Ghate & Timbadiya, P.V. (2022) Extreme Rainfall Analysis for Agricultural Land Drainage System., <https://doi.org/10.1080/09715010.2022.2086831> ISH Journal of Hydraulic Engineering (Accepted Manuscript) (Scopus database Journal Cite Score 4)
  - Aarti Ghate & Timbadiya P. V. (2022) Effect of discretization on extreme rainfall analysis: A study on Jaipur city in India, MAUSAM: Quarterly Journal of Meteorology, Hydrology, and Geophysics. <https://doi.org/10.54302/mausam.v73i2.3570> (SCI Journal with IF-0.906)

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• **National and International Conference Proceedings: 20**

• **Book Chapters: 06**

• **Consultancy Projects: 21, Consultancy Amount: 117.82 Lakhs**

**11.6 Research Park :****(A) Activities carried out during F.Y. 2021-22:**

<b>Sr. No.</b>	<b>Title of Program</b>	<b>Month &amp; Year of activity</b>	<b>No. of Participants</b>
01	Energise 2.0-An invite for Start-ups applications under SAS, GoG	02.04.2021	40
02	Workshop 1: Fundamentals of registering an industrial design	10.04.2021 to 05.06.2021	308
03	Workshop 2: Tools for Protecting Intellectual Property in Indian Context		
04	Workshop 3: Fundamentals for Patent Creation: Part I; Patent and Patentability Criteria (The Patent Act, 1970)		
05	Workshop 4: Fundamentals for Patent Creation: Part II; Non-Patentable Subject Matters (The Patent Act, 1970)		
06	Workshop 5: Fundamentals for Patent Creation: Part III; Elements of Provisional Specification and Complete Specification (The Patent Act, 1970)		
07	Workshop 6: Fundamentals for Patent Creation: Part III; Drafting of Claims (The Patent Act, 1970)		
08	Workshop 7: Fundamentals for Patent Creation: Part III; Types of Patent Applications		
09	Workshop 8: Fundamentals for Patent Creation: Part III; Prior Art Search		
10	Workshop 9: Patenting of Computer Related Inventions in India		
11	Workshop 10: Intellectual Property Rights in Context to Industry 4.0		
12	Workshops on Finance for Founders-1	10.04.2021 & 17.04.2021	169
13	Workshops on Finance for Founders-2		
14	WF Start-up Labs Program-Cohort 2.0	29.04.2021	35
15	Interaction with SGCCI	28.05.2021 & 04.06.2021	20
16	Energise 3.0-An invite for Start-ups applications under SAS, GoG	15.06.2021 to 30.06.2021	140
17	WF NextGen-Activate	17.06.2021	37
18	WF NextGen-Ignite	17.06.2021	
19	Faculty orientation Workshop	25.06.2021	33
20	MoU with SGCCI	26.06.2021	15
21	Case Study Challenge	23.06.2021 to 03.07.2021	500
22	Pedagogy Interact	16.07.2021	16
23	Ecosystem Interact	22.07.2021	19
24	Industry Interact (Mrs. Rucha Nanavati-CIO, M&M Group)	29.07.2021	66
25	Pedagogy Interact (GEC Valsad)	07.08.2021	77
26	Industry Interact (Mr. Minesh Mohile-AVP (IT), JSW Steel)	14.08.2021	32
27	Energise 4.0-An invite for Start-ups applications under SAS, GoG	06.09.2021	111
28	Pedagogy Interact (Auro Uni Students)	16.09.2021	35
29	HDFC Bank Smart up-Smart Solutions for Start-ups	17.09.2021	10
30	Start-up Demo Day	18.09.2021	38
31	Industry Interact (Mr. Nigam Desai, Head-IT, Astral	18.09.2021	38

Sr. No.	Title of Program	Month & Year of activity	No. of Participants
	Ltd.)		
32	Foundation Day (Azadi ka Amrit Mahotsav)	25.09.2021	87
33	Design Thinking Workshop	09.10.2021	77
34	Skill Development program on Amazon Ecommerce by Mr. Sandip Kathiria, Director - Amazon Digital Kendra (Adk), Surat	09.10.2021	14
35	Investor Interact (Mr. Gaurav Singhvi)	21.10.2021	60
36	Industry Interact (Mr. Savji Dholakiya)	21.10.2021	26
37	Start-up Interact (Mr. Savji Dholakiya)	21.10.2021	60
38	Certificate e-Course: Satellite Masterclass	25.10.2021 to 29.10.2021	10
39	12 Week Virtual Certificate Program on Entrepreneurship for Students & Start-up enthusiasts	27.10.2021	74
40	Ecosystem Interact-eChai Start-up Growth Networking Meetup	13.11.2021	113
41	Luv Food Stop Waste' Movement under Azadi ka Amrit Mahotsav	16.11.2021	9
42	SaaSkruti Meetup	27.11.2021	16
43	Panel Discussion on Fund Raising Pros and Cons	03.12.2021	82
44	Interact-Shri Harsh Sanghvi-Home Minister-GoG	04.12.2021	137
45	Investor Interact-Growth Tree	08.12.2021	30
46	Industry Interact (Shri Mukesh Kumar, Vice-President, SAP Labs India)	08.12.2021	14
47	Start-up Growth Networking Meetup	10.12.2021	62
48	Fireside Chat with founders of Hobit- Start-up Grind, Surat	14.12.2021	20
49	Student Sensitization Session	17.12.2021	29
50	CoRise India Summit-Start-up Growth Networking Meetup	18.12.2021	30
51	Beginner's Guide to Hackathon	24.12.2021	130
52	Expansion 101	25.12.2021	370
53	Blockchain based Tokenization	26.12.2021	332
54	Getting Started with Symbi.ai	27.12.2021	193
55	Azure Hackbook for Hackathons	28.12.2021	267
56	Rise of Open Source Saas	29.12.2021	120
57	PWAs-A Revolution into mobile landscape	02.01.2022	112
58	Covering the gap between Web2 & Web3	03.01.2022	22
59	Talk on Martech: Opportunity of Technology Professionals	04.01.2022	253
60	Vonage Video Express and API	05.01.2022	190
61	AI voice assistants for mobile/web apps	06.01.2022	153
62	HackDotSlash- Root to Ideas-5.0	07.01.2022 to 09.01.2022	502
63	Students Sensitization Program	07.01.2022	40
64	1-Day Training Program on Concepts of Entrepreneurship by Mountain Monk	08.01.2022	06
65	Sensitization Program on Student Start-up and Innovation Policy (SSIP 2.0)	17.01.2022	179
66	Interactive seminar on Start-up & Entrepreneurship	12.02.2022	100
67	Interactive seminar on 'Basics of Start-up'	18.02.2022	122
68	Interactive webinar on Start-up & Entrepreneurship by Mr. Sunil Shah	26.02.2022	131
69	Investor Interact with Mr. Vishal Budhiya of Steam House	28.02.2022	15
70	Start-up Growth Networking Meetup-eChai	05.03.2022	59
71	Industry Interact with Shri. Govindbhai Dholakiya,	12.03.2022	110

Sr. No.	Title of Program	Month & Year of activity	No. of Participants
	Founder & Executive Chairman, Shree Ramkrishna Exports		
72	Industry Interact with Shri. Chunibhai H. Gajera, Founder, Laxmi Diamond and Managing Trustee, Gajera Charitable Trust	25.03.2022	91
	<b>Sensitization / Outreach / Spread Awareness</b>		<b>6186</b>

**(B) Student-centered Programs on Entrepreneurship:**

Sr. No.	Program
01	Workshop 1: Fundamentals of registering an industrial design
02	Workshop 2: Tools for Protecting Intellectual Property in Indian Context
03	Workshop 3: Fundamentals for Patent Creation: Part I; Patent and Patentability Criteria (The Patent Act, 1970)
04	Workshop 4: Fundamentals for Patent Creation: Part II; Non-Patentable Subject Matters (The Patent Act, 1970)
05	Workshop 5: Fundamentals for Patent Creation: Part III; Elements of Provisional Specification and Complete Specification (The Patent Act, 1970)
06	Workshop 6: Fundamentals for Patent Creation: Part III; Drafting of Claims (The Patent Act, 1970)
07	Workshop 7: Fundamentals for Patent Creation: Part III; Types of Patent Applications
08	Workshop 8: Fundamentals for Patent Creation: Part III; Prior Art Search
09	Workshop 9: Patenting of Computer Related Inventions in India
10	Workshop 10: Intellectual Property Rights in Context to Industry 4.0
11	Workshops on Finance for Founders-1
12	Workshops on Finance for Founders-2
13	WF Start-up Labs Program-Cohort 2.0
14	WF NextGen-Activate
15	WF NextGen-Ignite
16	12 Week Virtual Certificate Program on Entrepreneurship for Students & Start-up enthusiasts

**(C) Innovative Projects supported at FoC Stage for FY 2021-22**

Sr. No.	Program
01	Development of prototype of low-cost sanitary pad manufacturing machine
02	Fabrication of Oxygen Concentrator Prototype
03	NavIC/GPS Enabled Positioning Device
04	The Fabrication of Table Top Membrane bioreactor System for Wastewater Treatment
05	Fabrication of Lab Scale Pervaporation Setup
06	Development of prototype of laser annealing system for semiconductor processing
07	Ship docking using SDR

**(D) Start-up under Pre-Incubation Program**

Sr. No.	Start-up Name	About the Start-up
1	Caresy	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.

Sr. No.	Start-up Name	About the Start-up
2	Smart Charging Solutions	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.
3	Collab-Gram	At Collab Gram, they aspire to create a digital pathway that can scale commercially viable opportunities in rural India by connecting budding business 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.
4	Arogyaair Technology LLP	ArogyaAir is a healthcare hardware startup, which builds Air purification solution for residential and workspaces through a new type of ceiling fan that not only provides cooling effect but also purifies Air for particulate matter, dust, smoke, mites, VOC's 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.
5	KCKPCB	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.
6	Uplive	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.
7	Air februs technologies	Air februs technologies provide environmentally 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 industries bag houses to reduce air emissions from chimneys. Also, our company have 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.
8	Herbal Plus hygiene	Nowadays, UTI (Urine Tract Infection) is a big issue to women and causes several health issues. Extraction from herbal plant such as seeds, leaf and bark of neem will be use 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 herbal for fragrance purpose. The main motive of this start-up is to prepare a chemically free product which can be use in sanitation and other purposes
9	MN Sustainable Energy Pvt. Ltd.	They are developing IIS (INGENIOUS IRRIGATION SYSTEM) which is an IoT-based atomisation, powered by AI-powered water management solution to revolutionise water network system in agriculture. IIS is combination of Advance IoT, AI and ML technologies. It is design for high precise farming to increase wealth



Sr. No.	Start-up Name	About the Start-up
		of farmers. IIS takes multifaceted approach by monitoring Soil Condition i.e., Monitoring Soil Moisture, Soil Temperature, 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 area of Farm.
10	Krsna-A Cleanliness Drive	Krsna-A Cleanliness Drive, serves as a platform where user can request a pickup of waste via our Android/web application around them and get it cleaned up.
11	Legal Intelligence	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.
12	Voltplug Electric Private Limited	ACE Charge will provide the solution for DC fast Charging stations with global standards (CCS and CHAdeMO) for 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.
13	Hola Peeps	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.

### (E) Start-ups under Incubation Program

Sr. No.	Start-up Name	About the Start-up
1	Gradeazy	An easy to use, scalable and most importantly economical platform that fits the need of everyone wanting to conduct an online test
2	Urisol	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

Sr. No.	Start-up Name	About the Start-up
		patented membrane will be utilized in the VUF- FO reactor for water recovery and nutrient rejection.
3	Trezix	Digitisation using micro service architecture for Import Export. At present there is no single platform which collaborates Customer / Suppliers, Customs, CHA and Freight Forwarder.
4	Digien	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.
5	Br-Scan	Cancer mortality can be reduced when detected and treated early. BR-Scan 1.0 device is a one of the new health and wellbeing product for women. It is a one of the unique invention 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 550nm (the absorption bands of oxyhemoglobins). When some one examine her breast with our device BR-Scan 1.0 ( which is having red and green light about 540-624nm ) the 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 user will be store their scanning data in digital form (PDF) which can be used to refer with the doctors as well.
6	Ecovia	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.
7	RoyalPOS	RoyalPOS provides B2B SaaS POS – ERP (For Restaurants and Retails), which allows you to convert any Android based device like any phone, tablet or POS (Point of Solutions) machine to use as billing software. Business can start using it in 1 hour & can use anytime and anywhere as it is cloud based.
8	Zoivane Pets	Zoivane Pets understands there is a huge market gap in pet grooming, when it comes to results, Number of baths / bottles , amazing fragrance and presence of natural active ingredients in any pet shampoo present in the market. Hence, Zoivane Pets was born after a research and development of 2 years and the perfumes are prepared by Europe Certified Perfumers. They are Providing International quality pet supplies at affordable Indian prices.
9	Aanjaneya	Aanjaneya Aerodynamics Pvt Ltd is a Startup incorporated with the objective of manufacturing amphibious aircraft for civil and military aviation based on indigenious, innovative design much in tune with

Sr. No.	Start-up Name	About the Start-up
		'Make in India' and 'ATMANIRBHAR BHARAT' initiative of the Govt of India. The company intends to start with building 8-seater aircraft which can also be used as an air ambulance. Upon successful launch of the 8-seater aircraft the company would go in for development of bigger models with 40-50 seating capacity. The aircraft would be ideally suitable for regional transportation in line with the philosophy of the UDAN scheme of the Govt of India.

### 11.7 SC/ST Cell :

Sardar Vallabhbhai National Institute of Technology Surat constituted a 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 4<sup>th</sup> January 2013.

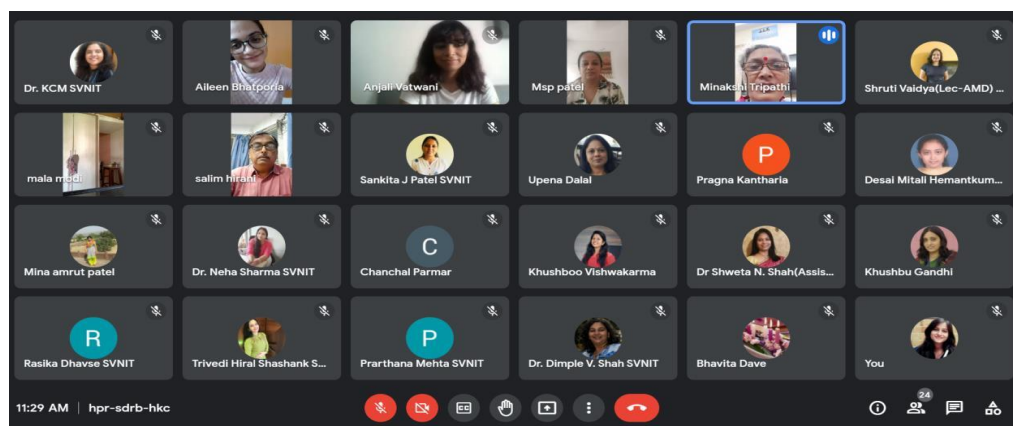
The following activities and responsibility perform during this academic year 2021-2022:

- 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.
- SC-ST cell Liaison office help institute to prepare roster register for teaching and Non-teaching staff whenever it is required.

### 11.8 Women Cell Activity:

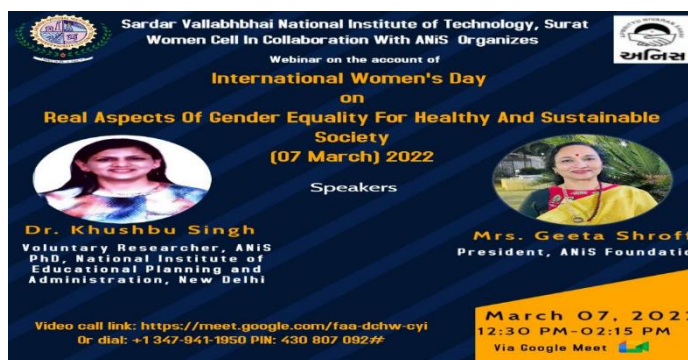
To sensitize all the Institute constituents towards the Constitutional and Supreme Court mandate of prohibition of gender discrimination and sexual harassment at work place, Women Cell and ICC, SVNIT, Surat conducted the following activities during 2021-22.

- (i) A webinar by renowned paediatrician Dr. Salim Hirani and Nutritionist Mrs. Minakshi Tripathi of Surat on 'Importance of breast feeding' was organized on August 7, 2021. Around 30 participants took advantage of the webinar.



- (ii) 'International Symposium on Aspiring Safer and Healthier Workplaces' (SASHW-2021) was organized by the Institute in virtual mode on October 22-23, 2021. This symposium was mainly designed to create awareness about Safer and Healthier Workplaces among the participants. Additionally, it will be great training opportunity for ICC/Women Cell members of Schools, Colleges, Universities, Industries,

Government/Non-Government Organizations etc. and had 13 renowned national and international speakers. Students of the Dramatics club of the Institute presented an online Art Performance on 'Gender Equality' in this event. 40 participants attended this symposium.



International Conference on Sustainable Development Goals & Gender Perspective (ICSDGAGP) 2021 was organized during October 25-26, 2021 in virtual mode. The conference had 13 national and international keynote speakers and more than 150 participants from all over India.

A graffiti event was organized on January 24, 2022, to sensitize people about the need to enhance education of girl child and prevent crime against female. The event was organized in collaboration with ANiS, a NGO in Surat.



International Women's Day festival week was celebrated by organizing a webinar by Dr Khushbu Singh from Education Department, NIPAH, DELHI on the topic 'Real aspects of

gender equality for healthy and sustainable society’ on March 7, 2022. The event was organized in collaboration with ANiS, a NGO in Surat, which was attended by 30 participants.

As a part of celebrations of International Women’s Day, Institute organized a webinar on topic ‘My rights, my responsibility’ in collaboration with VERTUS FOUNDATION, Delhi, on March 8, 2022. On same day, a talk was delivered by Institute’s Women Cell Chair, Dr. Shruti Shukla on ‘How to enhance responsibility and rights of females for social balance’. The webinar was attended by 60 participants.



As a part of celebrations of International Women's Day Festival week, a counselling session on ‘Bridging Communication Gap between Parents and Children’ by Dr. Bimal Tamakuwala, a well-known psychiatrist of Surat was organized on March 11, 2022. The event was targeted to counsel faculty and staff of the Institute for developing a healthy rapport with their children. 70 participants attended the event.



Five awareness sessions on Professional Conduct at Workplace were organized for students in April 2022 and June 2022. More than 600 students participated in these awareness sessions.



## 11.9 Hindi cell

### (I) Hindi Pakhwada- 2021

#### 01 Opening Ceremony (01/09/2021)

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

Hindi Pakhwada-2021 started by Rajbhasha Cell on 01/09/2021 at 6:00 PM in the presence of Director Mr. S.R. Gandhi, Deputy Director Shri Premlal Patel, Vice Chancellor Shri Pramod Mathur, Dean Student Welfare Shri Dr. Ravikant and other higher officials.

The program was started by V Shri Suswara with the singing of Saraswati Vandana. After this all the casualties were felicitated by virtual bouquet in the sequel of the program. After this, of the Mare Institute Director Shri S.R. Gandhi, Deputy Director Shri Premlal Patel, Vice Chancellor Shri Pramod Mathur, Dean Student Welfare Shri Dr. Ravikant and President of Official Language Cell Prof. Tushar Desai and Dr. Dimple Shah were addressed. After this Keshav Patel expressed his gratitude and announced the conclusion of the inauguration ceremony.

#### 02 Shruti Lekhan Competition (02/09/2021)

Hindi Pakhwada organized by the Official HindiCell of Sardar Vallabhbhai National Institute of Technology, Surat 2021a program of shruti lekhan competition was organized on 02 September 2021. It started at 7:30 pm under the chairperson of Dr. Manish Rathod and Chirag Vaghela, on Google Meet App. The event started on 7:30 pm on Google Meet and was shifted on Kahoot for further proceedings. The students of Btech, PhD, MTech and Msc. took part in the event. The event was of 2 Rounds, footfalls of 88 was observed in the first while 22 were selected for the 2nd Round.

#### 03 Debate Competition (04/09/2021)

Vad Vivad competition was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat under Hindi Pakhwada 2021 on 4 September 2021. The prized event was conducted in 2 rounds –

- A) First Round -- Firstly all the registered participants were included in a WhatsApp Group where they were given Topics of Debate. The participants were to prepare in both for and against of the topic. The side of the topic was revealed at the start of competition only. 59 students participated in the event out of which 12 were selected for the final round.
- B) Second Round – Here the 12 Participants were given 6 Topics on which they had to prepare for / against on the list of 6 Topics given to the students beforehand. The time line of debate was 5 + 5 = 10 mins out of which top 3 students were selected on the basis of their topic knowledge, speaking skills and confidence.

#### 04 Story Writing (05/09/2021)

Story Writing competition was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat under Hindi Pakhwada 2021 on 5 September 2021 on Google Meet Platform. A total of 13 students participated in the event of various courses of Btech, MTech, MSc, PhD. Judges of the event – 1) Dr Shilpi Gupta 2) Shri Brijesh Patel (Shaznanshad) The names of the winners were announced.

**05 Open Stage Competition (08/09/2021)**

The Open Stage competition was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat under Hindi Pakhwada 2021 on 8 Sept 2021. The event kickstarted at 5 pm on Google Meet. A total of 17 Students showcased their talent and skills of various program of BTech, Mtech, Phd, MSc. The participants sang songs, poems, narrated stories and more.

**06 Poetry Competition (11/09/2021)**

A Poem Recitation competition was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat under Hindi Pakhwada 2021 on 11 September 2021. Starting at 5 pm on Google Meet, 35 participants took and recited poems of various genres like patriotism, Nature, War etc.

**07 Nazariya (12/09/2021)**

Marquee event of Nazariya was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat under Hindi Pakhwada 2021 on 12 September 2021 under the able guidance of Shri Ajay Kumar Sharma. The questionnaire event starting at 5:30 pm was divided in 4 parts consisting 55 Questions. In second round, 10 Video Questions were asked in 20 Minutes. In third and fourth round, they were asked puzzles, IQ ques, Picture questions. Total 45 ques in 60 Mins were answered by the students.

**08 Closing Ceremony / Hindi Day Celebrations (14/09/2021)**

By Official Hindi Cell of Sardar Vallabhbhai National Institute of Technology, Surat, On 14 September 2021 Hindi Pakhwada 2021 closing ceremony was organized online on Google Meet from 6 pm onwards. Dr. Tushar N. Desai during the closing ceremony of Hindi Pakhwada 2021 briefly described the programs organized during the whole event. Dr. Ravikant Sir (Dean Student Welfare) and Dr. Dimple Shah shared their experiences related to Hindi language. The half-yearly of fellow Official Hindi Cell magazine "Dhwahni" was also published through online medium. Thereafter the winners in various competitions organized during Hindi Pakhwada 2021 were honored by E-Certificate. During the gratitude ceremony Poetry recitation by Dr. Tushar N Desai made this festival of Hindi Pakhwada memorable for all the audience. The program ended with the national anthem. We would like to thank Prof. SR Gandhi from Official Hindi Cell SVNIT that he gave us the opportunity to organized Hindi Pakhwada 2021 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. Ravikant 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 2021 was successfully organized. Official Hindi Cell will always be motivated to organize such type of events in future also.

**(II) Vishva Hindi Diwas 2022**

A **Vishva Hindi Diwas** was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat on 10 January 2022. Starting at 6 pm on Google Meet.

In the celebration of World Hindi Day, highly placed officials of the Institute and President Official Language Cell Dr Tushar Desai, Vice President Dr Manish Rathore, Hindi Executive Officer Dr Dimple Shah and Member Secretary Kamlesh Solanki 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.

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

#### **Deshbhakti Rachnaye (07/01/2022)**

A Deshbhakti Rachnaye competition was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat on 07 January 2022. Starting at 6 pm on Google Meet, 35 participants took and recited poems on patriotism.

Chairpersons are: Dr. T. N. Desai & Shri. Ajay Kumar Sharma

#### **Truti Sudhar Competition (08/01/2022)**

A Truti Sudhar Competition was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat on 08 January 2022. Starting at 6 pm on Google Meet, participants were to find the mistakes and correct them in a particular time interval.

Chairpersons are: Dr. Hiren Patel & Dr. Manish Rathod

#### **Bas ek minute (09/01/2022)**

A Bas ek minute Competition was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat on 09 January 2022. Starting at 11 am on Google Meet, one minute given to each participants and they had to spoke on a particular topic for that time interval.

Chairpersons are: Shri Chirag Vaghela & Shri Brijesh Patel

#### **Crossword Puzzle (09/01/2022)**

A Crossword Puzzle Competition was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat on 09 January 2022. Starting at 4 pm on Google Meet, a crossword puzzle was given to all participants, those participants who were solve the puzzle fast would have declared as a winner.

Chairpersons are: Shri Kamlesh Solanki & Dr. Shilpi Gupta

#### **Vakyansh dharna (09/01/2022)**

A Vakyansh Dharna Competition was organized by Raj bhasha Prakoshth of Sardar Vallabhbhai National Institute of Technology, Surat on 09 January 2022. Starting at 6 pm on Google Meet, participants have to make a sentences and story from a given word.

Chairpersons are: Dr. Dilip Patel & Dr. Ketan Kuperkar

### **(III) Workshop**

Lecture by prof. Ashutosh singh Thakur on 12th June 2021 from 6.00 pm to 7.30 pm on विषय: तकनीकी संस्थानों में राजभाषा प्रकोष्ठ की उपयोगिता एवं राष्ट्रीय एकता में इसका महत्व was given in hindi workshop.

Personal website designing in Hindi was organized on 12 October 2021.

One Hindi workshop on 21/3/2022 was conducted for students and staff of SVNIT. In this workshop Dr. Panna Trivedi, Asst. Prof. Gujarati deptt VNSGU and Dr. (Mrs) Aman Saini (airport director, Surat) gave their expert lectures related to Hindi



language and Dr. (Mrs) Trivedi presented her nice poems in various topics related to the present scenario in this workshop.

Hindi workshop on 15/5/2022 for B.Tech.-I students. In this workshop Hindi and Gujarati literature expert and poetess Smt. Pragna Deepak Vashi presented her poetry and gave her lecture on the importance of Rajbhasha in daily official works.

### 11.10 Rain Water 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	<b>Gajjar Bhavan Hostel</b>		
	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	
2	<b>Bhabha Bhavan Hostel</b>		
	Left Side	10	1,736
	Right Side	11	1,736
3	<b>Behind Applied Chemistry Dept. (New)</b>	12	922
4	<b>Canteen (Opposite)</b>	13	3,718
5	<b>New Class Room Complex</b>		
	Left Side	14	783
	Right Side	15	783
6	<b>New Library (Back Side)</b>	16	2,488
7	<b>Material Testing Lab</b>	17	762
8	<b>Adv. Hyd. Lab.</b>	18	522
9	<b>Type -V Residential Quarters</b>	19	1,785
		<b>TOTAL</b>	<b>18,968</b>

### 11.11 Unnat Bharat Abhiyan (UBA)

The Unnat Bharat Abhiyan is a national level flagship program of Ministry of Education for sustainable rural development, launched on 11<sup>th</sup> November, 2014.

All the Higher Educational Institutes have expected to associate the nearby 5 needy Villages for the sustainable village development in area of “Human Development – Health, Education Skills, Values” and “Economic Development – Organic Farming, Water Management, Renewable Energy, Artisans, Livelihood and Entrepreneurship, Basic Amenities, IT Enabling and Convergence”

#### (A) Activities as participating Institute of Unnat Bharat Abhiyan

The SVNIT, Surat has been working as the Participating Institute in the Unnat Bharat Abhiyan with 5 associated villages – Mora, Bhatlai, Rajagari, Sunvali and Junagam of the Choryasi Taluka, Surat District since 2016.

Dr. Krupesh A. Chauhan, Civil Engineering Department is a Coordinator and Dr. Shweta N. Shah, Electronics Engineering Department is a Co-Coordinator of the PI-UBA SVNIT, Surat.

The faculty members Dr. Bhavesh N. Gohil, Dr. P. V. Timbadiya, Dr. Khyati D. Mistry, Dr. A .K. Mungray, Dr. Alka A. Mungray, Dr. S. R. Patel, Dr. Y. D. Patil and Dr. B. Z. Dholakiya have been working in the PI-UBA SVNIT, Surat. More than 180 students from different branches have been working in the PI-UBA SVNIT, Surat.

The PI-UBA SVNIT, Surat has conducted the following activities in the associated villages:

Organized the “Farmer’s Welfare Workshops” in the Sunvali (18/09/2019), Bhatlai (20/12/2019) and Junagam (22/07/2021) Village with the Krishi Vigyan Kendra Scientists for solving the issues of insects and pest problems occurring in various crop in most of all farms. The team has also explained the methods and benefits of Organic Farming to all the farmers.



The student and faculty team have conducted the native tree plantation drive in the Junagam (25/08/2019), Rajagari (05/08/2020) and Bhatlai (06/08/2020) Village and planted native trees of Mango, Jambun, Khatti Amali, Gulmohar and Tulsi with the participation of the villagers.



The student and faculty team have conducted the awareness and training workshops on “YOGA and Exercise” in the Mora (21/06/2019), Rajagari (17/12/2020) and Bhatalai (31/12/2020) Village. The school students and women of Self-Help Group have benefited.



Organized the “Cyber Security & Safe Mobile Use” awareness workshop for all 5 Villages on 16/10/2021. The knowledge on how to be safe during utilisation of digital devices and internet from fraud was explained to the school teachers, staff of all 5 Gram Panchayat Office, Presidents of all woman SHGs and staff from the Choryasi Taluka Panchayat.



Conducted the campaigning in all 5 Gram Panchayat for “Plastic Free Village” to all shops of villages on do not use single use plastic on 16/11/2019. Also conducted campaigning on “Plastic free campus: SVNIT, Surat” to stop the use of “Single use plastic” and spread the message with help of fixing of banners.



Conducted the levelling survey for proposed pond development site of the Junagam Village and prepared detailed plan drawing and submitted to the Junagam Gram Panchayat for further submission to the Irrigation Department for development of “Amrut Sarovar” during 01/04/2022 to 11/04/2022.



Organized a site visit of existing facility of decentralized solid waste management facility of SVNIT campus on 28/03/2022 and discussion meeting with the Sarpanch shri of Bhatalai, Rajagari and Junagam villages regarding implementation of solid waste management in the Villages.



Organized the 3-day “Unnat Exhibition” during 15/10/2021 to 17/10/2021 for increasing the livelihood of Women Self-Help Group by promoting their own manufactured products in market through exhibition so that citizens of City can be familiar about good quality products made by Rural Women Self-help Groups. Total 22 woman SHGs have got marketing of their products.



Organized 3-month training workshop on “Beauty Parlour: Advance Course” for all woman SHGs of all 5 Villages during 22/03/2022 to 22/06/2022. The participants got complete training of face cleanup, make-up, eye-brow, nail art, mahendi art and hair art. The woman SHGs has started their own Parlour in their Villages.



Organized 3-month training workshop on “Fashion Design: Advance Course” for all woman SHGs of all 5 Villages during 22/03/2022 to 22/06/2022. The participants got complete training of dress measurement, cutting and sieving, designer gown and frok making, printing work, cusion cover and wall curtain making and cloth bag making. The woman SHGs have got orders for bag making from the market.



Designed and develop an innovative, low-cost and eco-friendly machine set for manufacturing of the sanitary pads. With help of this machine set the Krishna Woman SHG has been making the organic sanitary pads made from the natural banana fiber as absorbent core which is completely bio-degradable material. During 12/01/2021 to 10/10/2021.



Conducted the “Seminar on Woman Health Awareness” for Woman of all 5 Villages on 18/06/2022. Dr. Noopur Chhasatiya and Dr. Ami Yagnik have explained the preventive measures and precaution care from various diseases and health challenges with woman. The participants got consultation about their problems in the seminar.



**(B) Activities as Regional Coordinating Institute of Unnat Bharat Abhiyan**

The SVNIT, Surat has been also appointed as the Regional Coordinating Institute (RCI) by the National Coordinating Institute-Unnat Bharat Abhiyan, IIT Delhi in 2019.

The RCI-UBA SVNIT Surat has been guiding, mentoring and providing continuous supports to all the Participating Institutes (Currently 50) from associated 15 District of the Gujarat State 1. Anand, 2. Aravalli, 3. Bharuch, 4. ChotaUdepur, 5. Dahod, 6. Dangs (Ahwa), 7. Kheda (Nadiad), 8. Mahisagar, 9. Navsari, 10. Panch-Mahal (Godhara), 11. Surat, 12. Tapi (Vyara), 13. Vadodara, 14. Valsad, 15. Narmada (Rajpipala), and two Union Territories Daman and Diu.

Dr. K. D. Yadav, Civil Engineering Department, SVNIT, Surat is a Regional Coordinator and Dr. Manish K. Rathod, Mechanical Engineering Department is a Regional Co-Coordinator in the RCI SVNIT, Surat.

The RCI-UBA SVNIT, Surat has conducted the following activities:

**Regular “Orientation & guiding workshop for Newly-joined Participating Institutes”:**

The RCI-UBA SVNIT, Surat has timely organized an orientation and guiding workshops for newly-joined Institutes / Colleges as Participating Institute in the Unnat Bharat Abhiyan.

The complete guidance provided on step by step procedure of how to conduct baseline surveys and situation analysis and implement interventions/development works in the associated villages.

**Regular “Review of ongoing work conducted by Participating Institutes”**

Regularly organized the work progress review and planning of future activities meetings with existing Participating Institutes via. Online / offline mode.

The issues and challenges faced by the Participating Institutes has been solving with guidance and mentorship with help of various subject experts also.

**Training & Capacity Building Workshops of Existing Participating Institute**

- 1) Organized one-week FDP on “Sustainable Village Development and Unnat Bharat Abhiyan (Online mode)” with MGNCR, Hyderabad during 24-28 August, 2020. Total 51 Participants have got knowledge and training on various subjects of Institutional Social Responsibility and Community Engagement, Swachhta Action Plan (SAP), Jal Shakti and Waste Management”, Irrigation Efficiency Improvement, About MSME and Facilitation Skills.
- 2) Organized one-week FDP on “Sustainable Techniques For Rural Development (Online mode)” with NIRDF&PR, Hyderabad during 17/05/2021 to 21/05/2021. Total 75 Participants have learnt and build capacity on various subjects of Indian Administration & Panchayati Raj, Tools and techniques of participatory rural appraisal and its importance, Water Management: Quality of drinking water, Irrigation, Development of pond / lake, Rain water harvesting methods & water conservation, Solid waste management of villages and Registration of company, Rural product validation & marketing and growth of rural company.
- 3) 3-Day online training workshop on “Development of Gram Panchayat Spatial Development Plan” with NIRD&PR, Hyderabad during 09/06/2021 to 11/06/2021. Total 35 Participants have learned about Village map making and hands on training on preparation of “Gram Panchayat Spatial Development Plan” on QGIS platform.

**Organizing regional level “Tech4Seva”**

The SVNIT, Surat has organized regional level “Tech4Seva” program as instructed by the NCI-UBA IIT Delhi on 16/07/2022.

Total 14 various technologies on theme of Education, Health, Sanitation, Livelihood, Organic Farming etc. were demonstrated via. Online mode which can be implemented in the villages of the Participating Institutes.

### Capacity Building of RCI-UBA SVNIT, Surat (Trainer's Training Program)

The RCI-UBA SVNIT, Surat has been participating in the self-training workshop for learning about various successful development work carried out by organization YOJAK – “Centre for Research and Strategic Planning for Sustainable Development”, Nandurbar during 24/11/2021 to 28/11/2021.

Studying how the various interventions carried out like organic farming, vermin-composting, farm-pond, check-dam, livelihood through machinery setup, formation of Farm Produce Organizations and empowerment of the woman Self-Help Group with field visits.

### Meeting with the Universities for joining new Participating Institutes

For joining new Colleges / Institutes as Participating Institutes in Unnat Bharat Abhiyan, the RCI-UBA SVNIT, Surat has conducted the meetings / orientation workshops with the Universities:

- 1) Orientation workshop with The Gujarat Technological University, Ahmedabad on 25/06/2020
- 2) Orientation workshop with The Veer Narmad South Gujarat University, Surat on 17/06/2021
- 3) Orientation workshop with The Govind Guru University, Godhara on 23/03/2021

## 12.0 CAMPUS INFRASTRUCTURE

### 12.1 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	Built-up Area In Sq.Mt.	Nos. of Quarter	Remarks
1	Director Bungalow	414.77	1	To be taken up for renovation by CPWD
2	Type-V	19162.00	80	Newly constructed
3	A-type	1338.00	6	
4	B-Type	2366.08	16	
5	C-type	5531.32	48	Out of 8 blocks (each of 6 nos. of quarters) 4 nos. of blocks (24 nos. of quarters) converted into D-type quarters, 1 block (6 nos. quarters) is full and other 3 blocks (18 nos. of quarters) are proposed to be demolished as per structural conditional assessment report.
6	E-Type	2288.20	48	2 blocks (each of 12 nos. of quarters) are proposed to be demolished as per structural conditional assessment report.

**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.

### 12.2 Staff Club:

The Staff Club building was constructed in 1989 which is extensively used by the staff members of the Institute. Recently, renovation work has been carried out by CPWD to 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 ceremonies of the various conferences, seminars, etc. The staff club building has 4 nos. of rooms each at ground floor and first floor (total 8 nos. of rooms). The ground floor rooms are also utilized as change room, green rooms, store room, etc. during any function.

## 12.3 New Construction Project

### 1. Construction of Administrative Building (HEFA funded)

- The existing administrative building was constructed in 1971 and its present age is about 50 years.
- The age related deterioration clubbed with massive earthquake of 2001 and heavy flood in the River Tapi which is located at less than 1 km aerial distance, in 2006, has gradually increased the distress level in the building. There are clear symptoms of deterioration in the structural members of the existing building, which would render the building unsafe during any major seismic activity.
- Another important aspect is the inadequacy of available space in the existing building, which is not commensurate with the present requirement.
- In the present situation, the administrative functions of the institute are being discharged from various scattered locations from other buildings of the institute with considerable space crunch.
- The proposed new Administrative Building would facilitate housing of all central administrative functionaries of the institute at one location and thereby, enhancement in efficiency and functioning of the Institute. Therefore, new Administrative Building is essentially required to cater for the increased space requirement of the Institute.
- The present proposal of construction of new Administrative Building planned with all accessibility features, by demolishing the existing dilapidated building, is assessed to be the most appropriate proposal to meet the requirements of the Institute.

### 2. Construction of Two Lecture Halls (HEFA funded)

- With increasing intake more number of class rooms are required to be expanded as the class rooms available with various departments are not sufficient especially for first year and interdisciplinary subjects.
- In view of the shortage of faculty, it is required to have classes of larger size which are not adequate at present. It is therefore decided to construct 2 lecture halls of 600 capacities (3 class rooms with 200 capacity) of each.
- They will be used to organize various orientations programmes, seminars, training programmes, open houses and other students' activities.

### 3. Construction of Residential Quarters Type-III (HEFA funded)

- The existing quarters of Class – III were built in 1968-69. All residential blocks are in deteriorated condition and they are required to be demolished and reconstructed for existing as well as newly appointed Class-III non-faculty members in near future.
- It is also resolved by Building & Works Committee to demolish the old D-type quarters to avoid any mishap.

Sr. No.	Project funded through HEFA	Amount	
		Rs.	Ps.
1	Construction of Administrative Building	38,16,87,800.00	
2	Construction of Two Lecture Halls	28,80,72,000.00	
3	Construction of Residential Quarters Type-III	32,32,66,300.00	
4	Construction of 500 seater Boys Hostel under EWS		

## 12.4 Transportation Services:

With a responsibility to make the campus safer, and environment-friendly, SVNIT Surat 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:

- Buses are cleaned regularly and are well maintained. The bus inspection and other relevant procedures are also thoroughly followed regularly for better and consistent performance.
- The institute has hired six drivers on a daily-wage basis for operating the buses in three shifts. The monthly schedule of their shifts is prepared and also intimated to them well in advance. The drivers are well instructed to maintain patient and disciplined driving behavior and safe driving speeds.
- Departments and Students can also avail bus facilities for their official study-tours and site visits.
- Bus facility is well offered to the visiting students and delegates during different events and programs such as sports events, cultural programs, short-term training programs (STTPs), and other professional training courses involving site visits.
- Bus service is also extended to drop and receive delegates/participants visiting the institute to attend International / National conferences / Technical symposiums.
- Bus facility is offered to the newly admitted students and their parents at the time of reporting and counseling by committees such as Centralized Counseling for M.Tech (CCMT) and Joint Seat Allocation Authority (JoSAA).
- It has been witnessed that there is an adequate shift in using bus transport mode, particularly by the students for attending their theory/practical classes, going back to their hostels, or other parts of the institute.
- It seems that operating this facility for the students and staff is certainly creating a positive impact on motivating them towards using a sustainable and efficient mode of transportation. It is expected that in times to come, most of the students are likely to get accustomed to this efficient and environment-friendly mode of transport.



### 12.5 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.

### 12.6 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 with Extension of Health Center at CAD building is managed by two full time Residential Doctors, six Hon. Visiting Medical Consultants namely Physician, Gynaecologist, Paediatrician, Radiologist, Ayurveda & Homeopathy Specialist assisted by one permanent Sr. Attendant and supported by two Pharmacist & three Nursing staff on contract basis.

Currently, within the Health Centre there are two Consultation rooms for running OPD, one small dressing room with limited facilities, one small Emergency Management Room with limited facilities, one room for Pharmacy cum Registration counter, waiting area with a limited space to accommodate around eight persons and one store room (under maintenance). Extension of Health Center at CAD building has four OPD and one Radiology Room for conducting Ultrasounds.

Outside the Health Centre and within the campus there is one Adolescent Health Clinic in Mother Terasa Bhavan (Girls Hostel), ten rooms with basic medical aids, one visiting Physician and two 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 contributions of Health Centre:

1. One more regular residential doctor has been appointed.
2. Extension of Health Centre at CAD LAB is done for visiting Honorary consultants. This facility is extensively being used by all the students, faculties, staff and their family members.

3. Awareness drives for COVID 19 from time to time.
4. 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.
5. Home Quarantine, Quarantine under observation is being carried out at Narmad Bhawan for COVID 19 positive patients with Indoor Medical Facility and outdoor COVID 19 Hospitals as per the need by the Health Centre.
6. One Day Health Check-up Camp organised by Health Centre in association with CPWD under "Azadi ka Amrit Mahotsav" in the campus on 03 Oct 2021.
7. One Day Training Programme on Management on Medical Emergencies in the campus on 29 Oct 2021.

## 12.7 SVP School

Education is the most valuable and important part of mankind. Students are the root for the growth and development of the country. With this aim SVP school was established on 15<sup>th</sup> January, 1976 by Shree Gordhandas Chokhawala, Minister of Education of Gujarat Government and Chairman of Board of Governors of SVRCET to impart education to the wards of the employees of the SVRCET (now-SVNIT), Surat and wards of financially weaker residents of the nearby area. The details are as per follow:

### 01 Details of year-wise establishment of section with number of staff and students;

Year of establishment	Section	No. of Staff	No. of Students
1976	Pre Primary	09	296
1977	Primary	29	857
1999	Secondary	04	189
2013	Higher Secondary Commerce	04	274
2015	Higher Secondary Science		
	Office/Non-Teaching	11	-

### 02 Details of class-wise results of year 2021-22

Section	Standard/Class	Result
Primary	I	100 %
	II	100 %
	III	100 %
	IV	100 %
	V	100 %
	VI	100 %
	VII	100 %
	VIII	100 %
Secondary	IX	98.95 %
	X	81.11 %
Higher Secondary	XI- Commerce	91.67 %
	XII- Commerce	95.34 %
	XI- Science	100 %
	XII- Science	81 %

**03 Details of extra curriculum and co-curricular activities (2021-22)**

- Online drawing competition was organized for students of class Nursery to 12 on 02<sup>nd</sup> September, 2021.
- Essay competition was organized for students of class 6 to 12 on 03<sup>rd</sup> September, 2021.
- Elocution competition was organized for students of class 9 to 12 on 04<sup>th</sup> September, 2021.
- Ozone day was celebrated in the school on 16<sup>th</sup> September-2021. As a part of celebration of ozone day, quiz competition, poster competition and an essay writing competition were organized in the school. The winners of the competition were awarded with prize.
- A drawing and quiz competitions were organized on 1<sup>st</sup> October as a part of Gandhi Jayanti celebration and the winners of the competition were awarded with the prize.
- An online workshop was organized on 05<sup>th</sup> December, 2021 by SVP school for the teachers and staff members of the school.
- An online seminar was organized on 04<sup>th</sup> December, 2021 by SVP school for the teachers and staff members of the school.
- Umang Yadav and Ayushi Rai students of 10<sup>th</sup> standard represented SVP school at National Children Science Congress-2021 on 24<sup>th</sup> September, 2021. They have prepared the project on Climate Changes under the guidance of Principal Dr. R. K. Indulkar.

**04 Special Achievements:**

Following students participated in Teakwondo at state level and won the prize as mention in the table. Sumit Pandey and Rupesh Madhesiya are selected for National Level game. For both of them training is over and they will participate in the National Games.

<b>Sports</b>				
<b>Name of Student</b>	<b>Sport Name</b>	<b>Level</b>	<b>Prize</b>	<b>Std.</b>
Sumit Pandey	Teakwondo	State	Gold	9
Rupesh Madhesiya	Teakwondo	State	Bronze	7
Piyush Gupta	Teakwondo	State	-	8
Kshirja Trivedi	Teakwondo	State	Bronze	5

**12.8 Day Care Centre**

Day Care Centre for Children (DCCC) at Sardar Vallabhbhai National Institute of Technology has started from 31<sup>st</sup> October 2006. 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 its level best. The child will not feel that he/she is away from love and affection because Day Care Centre for Children (DCCC) is run by dedicated management and staff.

### **12.9 Post Office**

The campus has one post office in front of the 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.

### **12.10 Bank**

The Institute has one nationalised bank and one ATM rooms situated in the campus. State Bank of India (SBI) has a regular branch in the campus and is housed at 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.

## 13.0 NOTABLE ACHIEVEMENTS

## Department of Electronics Engineering

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented /Published Conferences	
		International	National	International	National
01	Prof. Jignesh N. Sarvaiya	01	-	01	-
02	Dr. Anand D. Darji	01	-	-	-
03	Dr. Piyush N. Patel	04	-	01	-
04	Dr. (Mrs.) R. N. Dhavse	01	-	02	-
05	Dr. (Mrs.) Shilpi Gupta	03	-	04	-
06	Dr. Abhilash S. Mandloi	04	-	-	-
07	Dr. (Mrs.) Shweta N. Shah	02	-	02	-
08	Dr. Kishor P. Upla	01	-	03	-
09	Dr. (Mrs.) Kirti K. Inamdar	-	-	01	-
10	Dr. Kamal Captain	02	-	02	01
11	Dr. Suman Deb	01	-	01	-
12	Dr. Vivek Garg	02	-	-	-
13	Dr. Raghavendra Pal	01	-	-	-
14	Dr. Shivendra Yadav	03	-	-	-
15	Dr. Suresh Dahiya	01	-	-	-

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop / Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organised
1	Dr. Anand D. Darji	02	-	06
2	Dr. Piyush N. Patel	01	02	-
3	Dr. (Mrs.) Rasika N. Dhavse	01	-	05
4	Dr. Zuber M. Patel	02	-	-
5	Dr. (Mrs.) Shilpi Gupta	01	-	-
6	Dr. Abhilash S. Mandloi	02	01	05
7	Dr. Pinal J. Engineer	01	-	-
8	Dr. (Mrs.) Shweta N. Shah	-	04	-
9	Dr. Kishor P. Upla	01	-	-
10	Dr. Abhishek Acharya	03	04	06
11	Dr. (Mrs.) Kirti K. Inamdar	01	02	-
12	Dr. Deepak Joshi	02	-	05
13	Dr. Raghavendra Pal	-	02	-
14	Dr. Shivendra Yadav	-	02	-
15	Dr. Nithin Chatterji	-	02	-
16	Dr. Suman Deb	-	03	-
17	Dr. Vivek Garg	01	-	06

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers	Total no. of Ph.D. thesis reviewed
1	Prof. (Mrs.) Upena D. Dalal	-	-	04
2	Dr. (Mrs.) Shilpi Gupta	-	01	01
3	Dr. Abhilash S. Mandloi	-	01	-
4	Dr. (Mrs.) Shweta N. Shah	-	01	-
5	Dr. Abhishek Acharya	01	-	-
6	Dr. Kamal Captain	01	01	-
7	Dr. Shivendra Yadav	-	05	-
8	Dr. Raghavendra Pal	01	-	-

## Department of Physics

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented /Published Conferences	
		International	National	International	National
01	Dr. K. N. Pathak	02	-	-	-
02	Dr. A. K. Rai	10	-	-	08
03	Dr. V. A. Kheraj	06	-	-	-
04	Dr. D. V. Shah	03	-	03	-
05	Dr. D.R. Roy	17	-	-	01
06	Dr. L. K. Saini	05	-	-	-
07	Dr. Y. A. Sonvane	08	-	-	-
08	Dr. Shail Pandey	02	-	-	-
09	Dr. Himanshu Pandey	02	-	-	-
10	Dr. Mithun Karmakar	01	-	-	-
11	Dr. Dipika Patel	03	-	-	-
12	Dr. Vikashkumar Ojha	01	-	-	-
13	Dr. Sharadkumar Yadav	01	-	02	-

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop / Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organised
01	Dr. K. N. Pathak	02	-	-
02	Dr. A. K. Rai	04	-	-
03	Dr. V. A. Kheraj	03	-	-
04	Dr. D. V. Shah	02	-	-
05	Dr. D.R. Roy	02	-	-
06	Dr. L. K. Saini	02	-	-
07	Dr. Y. A. Sonvane	03	-	-
08	Dr. Shail Pandey	02	02	-
09	Dr. Himanshu Pandey	07	04	-
10	Dr. Mithun Karmakar	03	-	-
11	Dr. Dipika Patel	02	-	-
12	Dr. Vikashkumar Ojha	02	01	-
13	Dr. Sharadkumar Yadav	01	-	-

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers	Total no. of Ph.D. thesis reviewed
1	Dr. A. K. Rai	01	03	-
2	Dr. V. A. Kheraj	01	04	-
3	Dr. D. V. Shah	01	-	01
4	Dr. D.R. Roy	01	06	01
5	Dr. L. K. Saini	01	03	-
6	Dr. Y. A. Sonvane	01	08	-
7	Dr. Shail Pandey	03	02	-
8	Dr. Himanshu Pandey	-	09	-
9	Dr. Mithun Karmakar	-	01	-

## Department of Chemistry

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented/ Published Conferences	
		International	National	International	National
1	Dr. B.Z. Dholakiya	09	-	01	02
2	Dr. Suresh Kumar	13	-	01	03
3	Dr. Suban Sahoo	23	-	01	02
4	Dr. Naved Malek	23	-	02	01
5	Dr. Kalpana Maheria	01	-	02	01
6	Dr. Premlata Kumari	02	03	03	04
7	Dr. Ketan Kuperkar	15	01	05	01
8	Dr. Ritambhara Jangir	04	-	01	-
9	Dr. Togati Naveen	08	-	-	-
10	Dr. Areti Sivaiah	-	-	01	-

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop / Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organised
1	Dr. Bharat Kumar Dholakiya	03	-	02
2	Dr. Suresh Kumar	04	03	04
3	Dr. Suban Sahoo	02	04	02
4	Dr. Naved Malek	03	01	03
5	Dr. Kalpana Maheria	02	08	03
6	Dr. Premlata Kumari	07	04	02
7	Dr. Ketan Kuperkar	06	01	03
8	Dr. Ritambhara Jangir	01	-	01
9	Dr. Togati Naveen	-	01	-
10	Dr. Arup Ghosh	-	02	01
11	Dr. Subrata Dutta	-	04	-
12	Dr. Areti Sivaiah	01	01	-

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers	Total no. of Ph.D. thesis reviewed
1	Dr. Bharat Kumar Dholakiya	02	07	03
2	Dr. Suresh Kumar	11	27	02
3	Dr. Suban Sahoo	09	59	02
4	Dr. Naved Malek	-	29	01
5	Dr. Premlata Kumari	02	15	-
6	Dr. Ketan Kuperkar	04	02	-
7	Dr. Ritambhara Jangir	-	01	-
8	Dr. Togati Naveen	-	04	-

## Department of Mathematics and Humanities

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented /Published Conferences	
		International	National	International	National
1	Prof. A. K. Shukla	05	01	-	-
2	Prof. Neeru Adlakha	01	-	01	-
3	Dr. H. P. Bulsara	03	-	01	01
4	Dr. Ramakanta Meher	15	-	02	-
5	Dr. Ranjankumar Jana	04	01	03	01
6	Dr. Twinkle R. Singh	05	-	07	-
7	Dr. Sushil Kumar	03	-	03	-
8	Dr. Urvashi Kaushal	04	01	08	-
9	Dr. Jayesh M. Dhodiya	10	-	22	02
10	Dr. Indira P. Debnath	03	-	-	-
11	Dr. Shailesh Srivastava	02	-	02	-
12	Dr. Saroj Yadav	-	-	02	-
13	Dr. Sudeep Singh Sanga	01	-	02	-
14	Dr. Raj Kamal Maurya	-	01	-	-
15	Dr. Sourav Gupta	02	-	-	-
16	Dr. Vaishali Dhingra	-	01	-	-

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop / Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organised
01	Prof. A. K. Shukla	01	05	-
02	Prof. Vikas Pradhan	02	-	-
04	Dr. H. P. Bulsara	01	12	-
06	Dr. Ranjankumar Jana	05	06	01
07	Dr. Twinkle R. Singh	01	02	-
08	Dr. Sushil Kumar	01	02	-
09	Dr. Urvashi Kaushal	02	04	-
10	Dr. Jayesh M. Dhodiya	04	06	01
11	Dr. Indira P. Debnath	01	-	-
12	Dr. Shailesh Srivastava	01	-	-
13	Dr. Saroj Yadav	02	01	-
14	Dr. Sudeep Singh Sanga	01	-	-
15	Dr. Raj Kamal Maurya	01	-	-
16	Dr. Amit Sharma	01	-	-
17	Dr. Sourav Gupta	01	02	-
18	Dr. Vaishali Dhingra	01	01	-

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers	Total no. of Ph.D. thesis reviewed
1	Prof. A. K. Shukla	01	07	03
2	Prof. Neeru Adlakha	-	01	03
3	Dr. H. P. Bulsara	-	04	01



Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers	Total no. of Ph.D. thesis reviewed
4	Dr. Ramakanta Meher	05	28	-
5	Dr. Ranjankumar Jana	02	13	-
6	Dr. Twinkle R. Singh	01	-	01
7	Dr. Sushil Kumar	02	18	-
8	Dr. Urvashi Kaushal	01	14	-
9	Dr. Jayesh M. Dhodiya	05	02	01
10	Dr. Indira P. Debnath	-	03	-
11	Dr. Amit Sharma	-	01	-
12	Dr. Sourav Gupta	-	09	-
13	Dr. Vaishali Dhingra	-	03	-

#### Department of Computer Science Engineering

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented /Published Conferences	
		International	National	International	National
1	Dr. Devesh C. Jinwala	04	-	02	-
2	Dr. Mukesh A. Zaveri	02	-	01	-
3	Dr. Rupa G. Mehta	04	-	-	-
4	Dr. Krupa N. Jariwala	01	-	-	-
5	Dr. Dipti P. Rana	04	-	01	-
6	Dr. Udai Pratap Rao	09	-	01	-
7	Dr. Sankita J. Patel	1	-	-	-
8	Dr. Bhavesh N. Gohil	-	-	1	-
9	Dr. Balu. L Parne	2	-	-	-

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop/ Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organised
1	Dr. Mukesh A. Zaveri	-	02	02
2	Dr. Rupa G. Mehta	01	-	05
3	Dr. Dipti P. Rana	06	01	06
4	Dr. Udai Pratap Rao	06	03	06
5	Dr. Sankita J. Patel	04	05	06
6	Dr. Bhavesh N. Gohil	01	06	05
7	Dr. Balu. L Parne	01	03	04
8	Dr. Keyur. J. Parmar	01	05	05

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers		Total no. of Ph.D. thesis reviewed
			International Journal	National Conference	
1	Dr. Devesh C. Jinwala	02	04	02	-
2	Dr. Mukesh A. Zaveri	01	04	05	05
3	Dr. Rupa G. Mehta	05	-	01	01
4	Dr. Dipti P. Rana	11	06	06	-

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers		Total no. of Ph.D. thesis reviewed
			International Journal	National Conference	
5	Dr. Udai Pratap Rao	06	12	-	02
6	Dr. Sankita J. Patel	04	01	06	01
7	Dr. Bhavesh N. Gohil	03	02	06	-
8	Dr. Balu. L Parne	-	01	04	-
9	Dr. Keyur. J. Parmar	-	02	05	-

**Department of Mechanical Engineering**

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented /Published Conferences	
		International	National	International	National
1	Dr. R. V. Rao	07	-	08	-
2	Dr. J. Banerjee	15	-	03	-
3	Dr. A. A. Shaikh	05	-	03	01
4	Dr. Shailendra Kumar	09	-	-	-
5	Dr. T. N. Desai	01	01	-	06
6	Dr. B. M. Sutaria	03	-	05	01
7	Dr. A. D. Parekh	01	-	01	-
8	Dr. Jyoti Menghani	05	-	02	-
9	Dr. Ravi Kant	16	-	09	-
10	Dr. Beena Baloni	03	02	09	-
11	Dr. Purnanand V Bhale	-	-	01	01
12	Dr. Hemant B. Mehta	03	-	-	-
13	Dr. Harshit Dave	07	-	-	-
14	Dr. R. D. Shah	-	01	02	03
15	Dr. A. V. Doshi	-	-	01	03
16	Dr. Bade Mukund. H	-	-	01	03
17	Dr. Dinesh Singh	01	-	03	-
18	Dr. Achchhe Lal	11	-	04	-
19	Dr. Shailesh N Pandya	02	-	-	-
20	Dr. Vimal Patel	04	-	06	16
21	Dr. Vikram P Rathod	01	-	03	12
22	Dr. Vipul M. Patel	01	-	04	-
23	Dr. Naresh Yarramsetty	01	-	01	-
24	Dr. Amit Kumar	07	-	-	-
25	Dr. Prabhansu	-	-	-	01
26	Dr. Mulay Amrut S.	02	-	-	-
27	Dr. Biranchi Narayan S.	01	-	-	-
28	Dr. Baraiya Nikhil A.	04	-	08	-
29	Dr. Rohit Tamrakar	01	-	03	-
30	Dr. Pallvita Yadav	01	-	02	-
31	Dr. Sumit Khare	02	-	01	-
32	Dr. Rohan Rahul Pande	-	-	03	01
33	Dr. Rayasam Srilakshmi	-	-	05	-

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented /Published Conferences	
		International	National	International	National
34	Dr. Neeraj Srivastava	-	-	02	-
35	Dr. Rajesh Choudhary	01	-	04	-
36	Dr. Krishna Kishore Mugada	03	-	-	-
37	Dr. Amit Kumar	02	-	01	-
38	Dr. Raju Prasad Mahto	02	-	01	-
39	Dr Ram Singar Yadav	01	-	-	-
40	Dr. Sorate Kamalesh Arun	-	-	-	01
41	Dr. Sunil Kumar	03	-	-	-
42	Dr Yogendra Vasantrya Kuwar	-	-	-	01

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop / Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organised
1	Dr. R. V. Rao	02	09	-
2	Dr. K. P. Desai	-	01	-
3	Dr. J. Banerjee	01	01	-
4	Dr. A. A. Shaikh	02	01	-
5	Dr. Shailendra Kumar	01	03	-
6	Dr. Jyoti Menghani	01	02	-
7	Dr. Ravi Kant	01	06	-
8	Dr. Purnanand V Bhale	05	03	-
9	Dr. Hemant B. Mehta	03	03	-
10	Dr. Harshit Dave	01	05	-
11	Dr. R. D. Shah	02	-	-
12	Dr. A. V. Doshi	-	01	-
13	Dr. Dinesh Singh	01	02	-
14	Dr. Achchhe Lal	01	02	-
15	Dr. Shailesh N Pandya	01	-	-
16	Dr. Vimal Patel	01	-	-
17	Dr. Vikram P Rathod	01	02	-
18	Dr. Vipul M. Patel	02	05	-
19	Dr. Naresh Yarramsetty	02	02	-
20	Dr. Amit Kumar	02	01	-
21	Dr. Prabhansu	02	01	-
22	Dr. Mulay Amrut S.	-	02	-
23	Dr. Biranchi Narayan S.	-	02	-
24	Dr. Baraiya Nikhil A.	02	01	-
25	Dr. Rohit Tamrakar	01	-	-
26	Dr. Pallvita Yadav	03	01	-
27	Dr. Sumit Khare	02	-	-
28	Dr. Rohan Rahul Pande	02	03	01
29	Dr. Rayasam Srilakshmi	01	-	-
30	Dr. Rajesh Choudhary	-	02	-
31	Dr. Krishna Kishore Mugada	01	04	-

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop / Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organised
32	Dr. Amit Kumar	-	01	-
33	Dr. Raju Prasad Mahto	01	-	-
34	Dr. Sorate Kamalesh Arun	-	01	-
35	Dr. Susanta Behera	-	01	-

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers	Total no. of Ph.D. thesis reviewed
1	Dr. R. V. Rao	03	89	2
2	Dr. J. Banerjee	08	03	2
3	Dr. A. A. Shaikh	-	02	3
4	Dr. Shailendra Kumar	01	30	-
5	Dr. T. N. Desai	-	1	5
6	Dr. B. M. Sutaria	-	-	1
7	Dr. A. D. Parekh	-	1	-
8	Dr. D. I. Lalwani	-	-	1
9	Dr. Jyoti Menghani	-	3	1
10	Dr. Ravi Kant	-	1	1
11	Dr. Beena Baloni	-	3	-
12	Dr. Purnanand V Bhale	01	67	3
13	Dr. Hemant B. Mehta	01	7	1
14	Dr. Harshit Dave	01	5	5
15	Dr. R. D. Shah	-	6	-
16	Dr. Achchhe Lal	-	7	-
17	Dr. Shailesh N Pandya	-	2	-
18	Dr. Vimal Patel	01	-	-
19	Dr. Vikram P Rathod	01	-	-
20	Dr. Naresh Yarramsetty	-	46	-
21	Dr. Amit Kumar	-	4	-
22	Dr. Prabhansu	01	8	-
23	Dr. Mulay Amrut S.	01	6	-
24	Dr. Biranchi Narayan S.	-	4	-
25	Dr. Baraiya Nikhil A.	-	19	1
26	Dr. Rohit Tamrakar	-	1	-
27	Dr. Pallvita Yadav	-	5	-
28	Dr. Sumit Khare	-	9	-
29	Dr. Rohan Rahul Pande	01	2	1
30	Dr. Neeraj Srivastava	-	2	-
31	Dr. Rajesh Choudhary	2	-	7
32	Dr. Krishna Kishore Mugada	-	44	-
33	Dr Ram Singar Yadav	-	1	-
34	Dr Yogendra Vasantrya Kuwar	-	6	-

## Department of Chemical Engineering

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented/ Published Conferences	
		International	National	International	National
01	Dr. Z. V. P. Murthy	16	-	08	-
02	Dr. P. A. Parikh	02	-	01	-
03	Dr. Mousumi Chakraborty	03	-	01	-
04	Dr. Mausumi Mukhopadhyay	02	-	-	-
05	Dr. Jigisha Parikh	04	-	04	-
06	Dr. C. M. Patel	04	-	02	-
07	Dr. Meghal A. Desai	06	-	02	-
08	Dr. A. K. Jana	02	-	01	-
09	Dr. Jignasa V. Gohel	02	-	01	-
10	Dr. Alka A. Mungray	09	-	10	-
11	Dr. Arvind Kumar Mungray	14	-	14	-
12	Dr. Sanjay Patel	04	-	02	-
13	Dr. V. N. Lad	03	-	02	-
14	Dr. G. C. Jadeja	06	-	--	-
17	Dr. Jogender Singh	01	-	04	-
18	Dr. Sarita Kalla	08	-	01	-
19	Dr. V. K. Rathore	02	-	02	-

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop / Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organized
1	Dr. Z. V. P. Murthy	-	04	-
2	Dr. Mousumi Chakraborty	01	-	-
3	Dr. Jigisha Parikh	01	-	-
4	Dr. Meghal A. Desai	01	03	03
5	Dr. Jignasa V. Gohel	-	03	-
6	Dr. Alka A. Mungray	01	01	-
7	Dr. Arvind Kumar Mungray	01	07	-
8	Dr. Sanjay Patel	01	04	-
9	Dr. V. N. Lad	01	02	-
10	Dr. G. C. Jadeja	01	-	-
11	Dr. Sundar	01	01	-
12	Dr. Jogender Singh	01	-	-
13	Dr. Sarita Kalla	02	01	-

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers	Total no. of Ph.D. thesis reviewed
1	Dr. Z. V. P. Murthy	03	20	02
2	Dr. Mousumi Chakraborty	-	05	-
3	Dr. Jigisha Parikh	01	38	-
4	Dr. C. M. Patel	-	06	-
5	Dr. Meghal A. Desai	-	10	-

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers	Total no. of Ph.D. thesis reviewed
6	Dr. A. K. Jana	-	04	-
7	Dr. Jignasa V. Gohel	-	04	01
8	Dr. Alka A. Mungray	02	05	01
9	Dr. Arvind Kumar Mungray	03	15	01
10	Dr. Sanjay Patel	-	04	-
11	Dr. V. N. Lad	-	16	-
12	Dr. G. C. Jadeja	-	02	-
13	Dr. Smita Gupta	-	03	-
14	Dr. Jogender Singh	-	03	-
15	Dr. Sarita Kalla	02	07	-
16	Dr. V. K. Rathore	01	--	-

### Department of Civil Engineering

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented/ Published Conferences	
		International	National	International	National
1.	Dr. Chetankumar D. Modhera	-	-	08	-
2.	Dr. Jayantilal N. Patel	04	-	03	-
3.	Dr. Premlal Patel	05	-	11	-
4.	Dr. Atul K. Desai	10	03	05	-
5.	Dr. Chandresh H. Solanki	04	-	04	07
6.	Dr. Gaurang J. Joshi	11	-	11	08
7.	Dr. Krupesh A. Chauhan	02	06	03	04
8.	Dr. Mansoor Ahammed	05	-	02	-
9.	Dr. Prasit G. Agnihotri	42	04	31	11
10.	Dr. Rakesh Kumar	04	01	-	02
11.	Dr. Robin A. Christian	04	-	01	-
12.	Dr. Sanjaykumar M. Yadav	13	-	11	-
13.	Dr. Ashish Dhamaniya	12	02	18	04
14.	Dr. Dilip A. Patel	06	-	12	-
15.	Dr. Gaurang R. Vesmawala	01	-	01	-
16.	Dr. Kunwar Durg Vijay Singh Yadav	09	-	04	-
17.	Dr. Praful V. Timbadiya	08	-	13	-
18.	Dr. Satyajit Patel	07	-	01	-
19.	Dr. Shiwanand R. Suryawanshi	01	-	-	-
20.	Dr. Shrinivas S. Arkatkar	21	01	24	-
21.	Dr. Yogesh D. Patil	10	00	04	-
22.	Dr. Chetan R. Patel	02	01	03	04
23.	Dr. Ganesh D. Kale	05	-	02	-
24.	Dr. Jignesh B. Patel	05	-	01	-
25.	Dr. Kondraivendhan B.	03	-	-	02
26.	Dr. Namrata D. Jariwala	04	-	03	01

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented/ Published Conferences	
		International	National	International	National
27.	Dr. Ravin M. Tailor	-	-	-	03
28.	Dr. Shailendra Kumar	02	-	01	-
29.	Dr. Shruti Shukla	06	-	09	-
30.	Dr. Ankesh Kumar	03	-	01	-
31.	Dr. Jitesh T. Chavda	14	01	03	26
32.	Dr. Kashyap A.Patel	04	-	01	-
33.	Dr. Vishisht Bhaiya	04	-	-	-

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop / Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organised
1.	Dr. Chetankumar D. Modhera	-	04	-
2.	Dr. Jayantilal N. Patel	01	02	-
3.	Dr. Premlal Patel	01	05	-
4.	Dr. Atul K. Desai	-	06	-
5.	Dr. Chandresh H. Solanki	02	07	05
6.	Dr. Gaurang J. Joshi	2	3	4
7.	Dr. Krupesh A. Chauhan	09	02	06
8.	Dr. Mansoor Ahammed	-	01	-
9.	Dr. Prasit G. Agnihotri	59	18	-
10.	Dr. Rakesh Kumar	-	04	-
11.	Dr. Robin A. Christian	-	02	-
12.	Dr. Sanjaykumar M. Yadav	04	08	-
13.	Dr. Ashish Dhamaniya	03	04	22
14.	Dr. Dilip A. Patel	01	10	02
15.	Dr. Kunwar Durg Vijay Singh Yadav	02	04	01
16.	Dr. Praful V. Timbadiya	03	02	-
17.	Dr. Satyajit Patel	-	04	-
18.	Dr. Shrinivas S. Arkatkar	02	09	01
19.	Dr. Yogesh D. Patil	04	-	-
20.	Dr. Chetan R. Patel	04	05	02
21.	Dr. Ganesh D. Kale	01	-	-
22.	Dr. Kondraivendhan B.	01	04	-
23.	Dr. Namrata D. Jariwala	02	07	01
24.	Dr. Ravin M. Tailor	03	-	-
25.	Dr. Shruti Shukla	01	02	-
26.	Shri Amitkumar J. Solanki	-	01	-
27.	Dr. Jitesh T. Chavda	24	25	04
28.	Dr. Kashyap A. Patel	-	02	-
29.	Dr. Tamizharasi G.	03	09	01

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper Reviewers	Total no. of Ph.D. thesis reviewed
1.	Dr. Chetankumar D. Modhera	-	-	04
2.	Dr. Jayantilal N. Patel	03	12	02
3.	Dr. Premlal Patel	04	03	01
4.	Dr. Atul K. Desai	13	03	03
5.	Dr. Chandresh H. Solanki	08	09	02
6.	Dr. Gaurang J. Joshi	01	-	01
7.	Dr. Krupesh A. Chauhan	-	01	02
8.	Dr. Mansoor Ahammed	01	150	01
9.	Dr. Prasit G. Agnihotri	12	9	2
10.	Dr. Rakesh Kumar	-	10	02
11.	Dr. Robin A. Christian	-	05	01
12.	Dr. Sanjaykumar M. Yadav	-	-	01
13.	Dr. Ashish Dhamaniya	06	08	02
14.	Dr. Dilip A. Patel	01	05	-
15.	Dr. Gaurang R. Vesmawala	02	-	-
16.	Dr. Kunwar Durg Vijay Singh Yadav	02	03	01
17.	Dr. Praful V. Timbadiya	03	11	-
18.	Dr. Satyajit Patel	-	03	-
19.	Dr. Shiwanand R. Suryawanshi	03	-	-
20.	Dr. Shrinivas S. Arkatkar	08	12	01
21.	Dr. Yogesh D. Patil	02	02	03
22.	Dr. Chetan R. Patel	01	03	-
23.	Dr. Ganesh D. Kale	-	07	-
24.	Dr. Kondraivendhan B.	02	06	-
25.	Dr. Namrata D. Jariwala	01	16	-
26.	Dr. Shruti Shukla	04	20	-
27.	Shri Amitkumar J. Solanki	-	01	-
28.	Dr. Ankesh Kumar	-	03	-
29.	Dr. Jitesh T. Chavda	02	20	-
30.	Dr. Kashyap A. Patel	-	05	01
31.	Dr. Tamizharasi G.	-	03	-
32.	Dr. Vishisht Bhaiya	02	05	-

#### Department of Electrical Engineering

Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented /Published Conferences	
		International	National	International	National
1	Dr. S. N. Sharma	5	-	5	-
2	Dr. A. Chowdhury	6	-	3	-
3	Dr. R. Chudamani	-	-	1	-
4	Dr. A. K. Panchal	3	-	-	-
5	Dr. Varsha A Shah	3	-	3	-
6	Dr. M.A. Mulla	5	-	-	-
7	Dr. Prasanta Kundu	2	-	1	-



Sr. No.	Name of Faculty	Total No. of Published Papers in Journals		Total No. of Presented /Published Conferences	
		International	National	International	National
8	Dr. Hiren G. Patel	6	-	6	-
9	Dr. Rakesh Maurya	9	-	4	-
10	Dr. S. R. Arya	19	-	2	-
11	Dr. K. D. Mistry	3	--	1	-
12	Dr. Aeidapu Mahesh	1	-	1	-
13	Dr. Rajasekhara reddy chilipi	1	-	1	-
14	Dr. R. Radhakrishnan	1	-	4	-
15	Dr. Gangireddy Sushnigdha	1	-	-	-
16	Dr. Jammala Venkataramanaiah	1	-	1	-
17	Dr. Sukanta Halder	3	-	7	-
18	Dr. Suresh Lakhimsetty	-	-	1	-

Sr. No.	Name of Faculty	Total no. of Conf. / Workshop / Seminar STTP etc.	Total no. of Expert Lectures delivered	Total no. of Expert Lectures organised
1.	Dr. S. N. Sharma	1	-	-
2.	Dr. A. Chowdhury	2	-	-
3.	Dr. A. K. Panchal	1	2	-
4.	Dr. Varsha A Shah	-	2	--
5.	Dr. H. R. Jariwala	2	-	-
6.	Dr. M.A. Mulla	4	13	-
7.	Dr. P. B. Darji	1	-	-
8.	Dr. V. Mahajan	2	-	-
9.	Dr. Hiren G. Patel	1	-	-
10.	Dr. Rakesh Maurya	1	5	-
11	Dr. S. R. Arya	1	5	-
12	Dr. K. D. Mistry	1	-	-
13	Dr. Aeidapu Mahesh	1	2	-
14	Dr. S. Tolani	2	-	-
15	Dr. R. Radhakrishnan	1	2	-
16	Dr. Kunisetti V. Praveen Kumar	-	2	-
17	Dr. Gangireddy Sushnigdha	1	1	-
18	Dr. Sukanta Halder	-	2	-
19	Dr. Suresh Lakhimsetty	1	7	-
20	Dr. Akanksha Shukla	-	2	-

Sr. No.	Name of Faculty	Total no. of books or book chapters	Total no. of paper(s) Reviewed	Total no. of Ph.D. thesis reviewed
1	Dr. S. N. Sharma	-	4	-
2	Dr. A. Chowdhury	2	4	-
3	Dr. A. K. Panchal	2	7	-
4	Dr. Varsha A Shah	2	-	-
5	Dr. H. R. Jariwala	-	-	1

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Total no. of books or book chapters</b>	<b>Total no. of paper(s) Reviewed</b>	<b>Total no. of Ph.D. thesis reviewed</b>
6	Dr. M.A. Mulla	4	5	-
7	Dr. Prasanta Kundu	-	2	-
8	Dr. V. Mahajan	1	-	-
9	Dr. Hiren G. Patel	-	1	1
10	Dr. Rakesh Maurya	2	-	1
11	Dr. S. R. Arya	6	-	-
12	Dr. K. D. Mistry	2	-	-
13	Dr. Aeidapu Mahesh	-	3	-
14	Dr. R. Radhakrishnan	-	5	-
15	Dr. Kunisetti V. Praveen Kumar	-	5	-
16	Dr. Gangireddy Sushnigdha	-	2	-
17	Dr. Jammala Venkataramanaiah	-	4	--
18	Dr. Sukanta Halder	4	5	-
19	Dr. Suresh Lakhimsetty	-	4	-
20	Dr. Akanksha Shukla	-	5	1



संख्या: प्र.नि./के.ले.प.(व्य.)/प्र.ले.प.प्र./स.व.रा.प्र.सं.सूरत/2022-23/जावक -430

दिनांक : 7-10-2022

सेवा में,  
भारत सरकार के सचिव,  
शिक्षा मंत्रालय,  
माध्यमिक और उच्चतर शिक्षा विभाग,  
कमरा नंबर 529 शास्त्री भवन, 'सी' विंग,  
नई दिल्ली -110001.

**विषय : सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत के वर्ष 2021-22 के लेखाओं पर पृथक लेखापरीक्षा प्रतिवेदन ।**

महोदय,

सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत के वर्ष 2021-22 के लेखाओं की लेखापरीक्षा दिनांक 30.06.2022 से 15.07.2022 तक भारत के नियंत्रक महालेखापरीक्षक के वर्ष 1971 के डीपीसी अधिनियम की धारा 19(2) के तहत की गयी थी।

इस पत्र के साथ आपको सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत की वर्ष 2021-22 की पृथक लेखापरीक्षा प्रतिवेदन संलग्नको एवं प्रबंधन पत्र सहित तथा वर्ष 2021-22 के लेखाओं की सत्यापित प्रति भेजी जा रही है।

आपसे अनुरोध किया जाता है की इस पृथक लेखापरीक्षा प्रतिवेदन को संसद के दोनों सदनों में रखवाने की व्यवस्था करे। संसद में रखवाये गए दस्तावेजों की मुद्रित प्रति उसके दिनांक के साथ इस कार्यालय को उपलब्ध करावे एवं उसकी एक प्रति भारत के नियंत्रक महालेखापरीक्षक के कार्यालय नई दिल्ली को भी भेजे।

संसद के दोनों सदनों में रखवाने तक इस प्रतिवेदन को गोपनीय माना जावे।

हस्ता/-

उपनिदेशक/के.ले.प. (व्यय)

संलग्न : उपर्युक्त

प्रतिलिपि : निदेशक, सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत  
पृथक लेखापरीक्षा प्रतिवेदन, प्रबंधन पत्र एवं लेखाओं की सत्यापित संलग्न है इसे संसद के दोनों सदनों में रखवाने तक गोपनीय माना जावे। संसद में रखवाये गए दस्तावेजों की मुद्रित प्रति उसके दिनांक के साथ इस कार्यालय को उपलब्ध करावे। मुद्रित प्रतिवेदन में प्रधान निदेशक लेखापरीक्षा (केन्द्रीय) का नाम, पद सहित शामिल करावे।

Registrar  
अनुपम शिखर  
14.10.22

आशोक  
7/10

उप निदेशक/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 (SVNIT) Surat for the year ended 31<sup>st</sup> March 2022.**

We have audited the attached Balance Sheet of Sardar Vallabhbhai National Institute of Technology, Surat as at 31 March 2022, the Income and Expenditure Account and Receipts & Payments 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.

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.

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 a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing 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.

Based on our audit, we report that:

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;

The Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this Report have not been drawn up in new format approved by the Ministry of Education (earstwhile Ministry of Human Resources Development) Government of India .

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.

## **Comments**

### **A. Balance Sheet**

#### **A.1 Application of fund**

##### **Schedule 8-Loans, Advance and Deposits : ₹ 14,862,963.00 (EPF Recovery)**

During the scrutiny of accounts, audit noticed that institute paid an amounting to 1,48,62,963 for EPF penalty/recovery vide order No. GJ/RO/SRT/13323/Complain/8F/1371 Dt. 18.09.2014 to Provident fund commissioner, Surat against a disputed matter at Honourable court. Institute considering this amount as an advance to PF office and taken as an current asset in balance sheet.

As per accounting standard 29-An enterprise should not recognise a contingent asset. Contingent assets usually arise from unplanned or other unexpected events that give rise to the possibility of an inflow of economic benefits to the enterprise. An example is a claim that an enterprise is pursuing through legal processes, where the outcome is uncertain. Contingent assets are not recognised in financial statements since this may result in the recognition of income that may never be realised.

Recognizing contingent assets in balance sheet resulted in overstatement of both assets & Surplus to the tune of ₹ 1,48,62,963 each.

### **B. Income and Expenditure Account**

#### **B.1 Schedule 20- Finance Cost: ₹ 4,664,831**

Capital expenditures are long-term investments, meaning the assets purchased have a useful life of one year or more. Types of capital expenditures can include Construction of building, **purchases of property, equipment, land, computers, furniture, and software.** All the expenditure like interest, installation charges, transportation charges, stamp duty etc incurred before asset put to use should be capitalised along with cost of acquiring an asset.

HEFA (Higher Education Financing Agency) sanctioned 10% of estimated cost project as a loan ₹9,93,02,610 for construction of New administration building, Two lecture hall complexes, Type III 80 Residential Quarters.

During audit it was observed, Institute paid an amount of Interest on HEFA Loan of ₹ 3663201 and stamp duty on execution of HEFA Agreement of ₹ 10,01,630. Institute booked an amount of ₹ 46.65 lakhs as an expenditure but did not capitalise in books of account for the year 2021-22.

This resulted in understatement of both Fixed Assets and Surplus to the tune of ₹ 46.65 lakhs each.

**C Accounting Policies: NIL**

**D Receipt & Payment A/c: NIL**

**E General**

**E.1** As per the General Accounting Principles and Formats of Financial Statement for Central Higher Educational Institutions, the year in which an asset is sold/ condemned as scrap and written off, the book value of the asset gets reduced/ written off. It is necessary to simultaneously remove from the Fixed Assets Schedule the corresponding original cost of the asset and the depreciation provided up to that year. This is done through entries in the 3rd column of the Gross Block and 3rd column of the Depreciation Block.

Accounting of disposal of asset done by reversing both the recorded cost of the fixed asset and the corresponding amount of accumulated depreciation, any difference between the two is recognised as either gain or a loss. Gain or loss will be adjusted by carrying value of asset or Income from disposal of asset.

During scrutiny of annual accounts of 2021-22 and Schedule 4 Fixed Assets:Building , audit observed that Institute deducted the Income of ₹17,16,102 generated from sale of scrap of demolished building Name Gajar Bhavan from the Gross Block of asset without considering the original cost of building and accumulated depreciation till 2020-21. The reasons of not following the approved format was not disclosed in the books of accounts.

**E.2** During the scrutiny of accounts it was revealed that balance shown in the alumni fund is only ₹ 16,860,447 while total FD balance in alumni fund is ₹ 22,166,050. Therefore, there is difference of ₹ 53,05,603. This needs reconciliation by ₹ 53,05,603 respectively.

**E.3** According to format of Financial Statements for Central Higher Educational Institutions prescribed by Ministry of Human Resource Development (MHRD). Government of India.

Tube wells and Water Supply Systems is distinct category of fixed asset and this may be shown separately in books of accounts.

During the scrutiny of records, it was observed that Institute booked Tube wells and Water Supply Systems of ₹11,06,226 under the head of Buildings.

#### **F. Grant in Aid**

The unspent Grants in aid balance of previous year 2020-21 was ₹ 41.68 crore. The grants-in-aid received during 2021-22 was ₹ 155.82 crore. The institute utilized a sum of ₹ 164.05 crore leaving a balance of ₹ 18.80 crore as unutilized grants as on 31 March 2022.

#### **G. Net Effect of comments on Accounts**

The Net effect audit is that assets are over stated by ₹ 101.98 lakh and surplus is over stated by ₹ 101.98 lakh.

v. Subject to our observations in the preceding paragraphs, we report that the Balance sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.

vi. 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

In so far as it relates to the Balance Sheet, of the state of affairs of the Sardar Vallabhbhai National Institute of Technology, Surat as at 31 March 2022 and

In so far as it relates to Income & Expenditure Account of the Surplus for the year ended on that date.

**For and on behalf of the C & AG of India**

*V.N. Kothari*

**Pr Director of Audit (Central), Ahmedabad**

Place: *Ahmedabad*

Date: *07-10-2022*

Annexure A to Audit Report

1. Adequacy of Internal Audit (IA) system: - SVNIT has an internal audit system, the adequacy is subject to the observations mentioned in the SAR.
- 2 Adequacy of Internal Control System: - The adequacy on the internal control system is subject to the observations mentioned in the SAR.
3. System of Physical verification of fixed assets: Physical verification was carried out in the FY 2021-22.
4. System of Physical verification of inventory Physical verification was carried out in the FY 2021-22.
5. Regularity in payment of statutory dues: The Institute is regular in depositing the statutory dues. S

*Abhishek*  
7/10

Dy Director/CA(E)




Annexure – B

Statement of net effect of audit – SVNIT Surat for the year 2021-22

Sl. No.	Observation No.	Liabilities		Assets		Surplus	
		Overstated	Understated	Overstated	Understated	Overstated	Understated
1	A1	--	--	148.63	--	148.63	--
2	B1	--	--	--	46.65	--	46.65

Assets Overstated - ₹101.98 lakh

Surplus Overstated - ₹101.98 lakh

  
Sr. Audit Officer / CA (E)

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



**ANNUAL ACCOUNTS  
FOR THE YEAR ENDING  
31<sup>st</sup> MARCH 2022**



**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 31<sup>st</sup> March, 2022, 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 (MHRD) 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. Refer Accounting policies & notes on accounts Schedule No. 23 & 24 of our Audit Report.

**For P.K. Chirania & Associates**

FRNo.:116270W

*Chartered Accountants*

CA Pradeep Chirania

*(Partner)*

MRN: 100887

UDIN :

Place: Surat

Date: 24<sup>th</sup> May' 2022

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
BALANCE SHEET AS AT 31ST MARCH 2022

		Amount in Rupees	
SOURCES OF FUND	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
CORPUS / CAPITAL FUND	1	6,310,394,644.94	6,116,222,989.25
DESIGNATED / EARMARKED / ENDOWMENT FUNDS	2	113,739,025.83	102,666,598.48
SECURED LOAN - HEFA		99,302,610.00	
CURRENT LIABILITIES & PROVISIONS	3	1,142,624,538.42	1,058,122,447.31
<b>TOTAL</b>		<b>7,666,060,819.19</b>	<b>7,277,012,035.04</b>


APPLICATION OF FUNDS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
<b>FIXED ASSETS</b>			
TANGIBLE ASSETS		4,877,087,328.03	5,046,063,032.26
INTANGIBLE ASSETS	4	30,569,670.20	10,153,228.80
CAPITAL WORKS-IN-PROGRESS		158,314,112.00	11,067,503.00
<b>INVESTMENTS OUT OF CORPUS/EARMARKED/ENDOWMENT/ALUMINI FUND</b>			
INVESTMENTS - OTHERS	5	796,559,702.00	400,723,392.00
CURRENT ASSETS	6	-	-
LOANS, ADVANCES & DEPOSITS	7	1,427,735,766.85	1,514,348,762.19
	8	375,794,240.11	294,656,116.79
<b>TOTAL</b>		<b>7,666,060,819.19</b>	<b>7,277,012,035.04</b>

SIGNIFICANT ACCOUNTING POLICIES

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS


Date : 15th June 2022

Place : Surat

  
 Sr. Audit Officer / CA(E)  
 कायालय प्रधान निदेशक लेखापरीक्षा (केंद्रीय) गुजरात  
 Office of the Principal Director of Audit (Central), Gujarat  
 लेखापरीक्षा भवन, नवरंगपुरा, अहमदाबाद-३८० ००९  
 Audit Bhavan, Navrangpura, Ahmedabad-380 009

  
 B.P. Sibāsankar  
 Asst. Registrar (A/Cs)

  
 Dr Pramod Mathur  
 Registrar

  
 Prof. R.V. Rao  
 Director  
 15-6-22

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2022**

*Amount in Rupees*

PARTICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
<b>INCOME</b>			
Academic Receipts	9	381,497,554.00	349,730,271.00
Grants /Subsidies	10	1,311,743,992.00	1,376,760,000.00
Income from Investment	11	37,200,777.00	24,097,586.00
Interest Earned	12	2,349,050.00	2,480,472.00
Other Income	13	74,550,871.66	26,723,299.62
Prior Period Income	14	126,746.00	142,636,399.09
<b>TOTAL (A)</b>		<b>1,807,468,990.66</b>	<b>1,922,428,027.71</b>

EXPENDITURE	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
Staff Payment & Benefits (Establishment expenses)	15	921,777,605.00	1,217,066,321.14
Academic Expenses	16	267,475,988.00	225,977,118.00
Administrative and General Expenses	17	135,070,086.51	123,387,974.19
Transportation Expenses	18	507,949.00	283,260.00
Repairs & Maintenance	19	134,453,387.00	47,690,837.00
Finance costs	20	4,664,831.00	
Depreciation	4	262,271,726.82	283,222,592.72
Other Expenses	21	-	
Prior Period Expenses	22	3,267,494.78	60,221,097.99
<b>TOTAL (B)</b>		<b>1,729,489,068.11</b>	<b>1,957,849,201.04</b>
<b>Balance being excess of Income over Expenditure (C) = (A-B)</b>		77,979,922.55	-35,421,173.33
Transfer to /from Designated Fund			
Building fund (D)		49,651,305.00	
Others (specify)			
<b>Balance Being Surplus / (deficit) Carried to Capital Fund (E) = (C-D)</b>		<b>28,328,617.55</b>	<b>-35,421,173.33</b>

SIGNIFICANT ACCOUNTING POLICIES 23

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS 24

Date : 15th June 2022

Place : Surat

डॉ. लेखापरीक्षा अधिकारी / के.ले.प. (व्यय)  
**CA Audit Officer / CA(E)**

प्रधान निदेशक लेखापरीक्षा (केंद्रीय) गुजरात  
 Principal Director of Audit (Central), Gujarat  
 नवरापुरा, अहमदाबाद-380 009  
 Navrangpura, Ahmedabad-380 009

B.P. Sibasankar  
 15.06.2022  
 B.P. Sibasankar  
 Asst. Registrar (A/Cs)

Dr Pramod Mathur  
 Registrar

Prof. R. V. Rao  
 Director

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022**

**SCHEDULE - 1 : CORPUS / CAPITAL FUND**

		<i>Amount in Rupees</i>	
	Particulars	CURRENT YEAR	PREVIOUS YEAR
1.01	<b>Corpus Fund</b>		
	Balance at the beginning of the year	384,170,608.37	241,702,650.70
	Add: Contribution towards Corpus Fund	326,358,890.00	142,467,957.67
	<b>Total (A)</b>	<b>710,529,498.37</b>	<b>384,170,608.37</b>
1.02	<b>Capital Fund</b>		
	Balance at the beginning of the year		5,819,558,873.90
a)	Add: Contribution towards Corpus / Capital Fund	5,732,052,380.88	-
b)	Add: Grants from Govt. Of India to the extent utilized for Capital expenditure (Capital Fund)	309,571,681.00	139,175,000.00
c)	Add: Assets purchased out of F.a. marked fund	384,613.00	5,906,367.00
d)	Add: Assets purchased out of sponsored projects, where ownership vests in the institute	3,855,059.00	19,589,314.00
e)	Add: Other Additions	921,013.00	-
f)	Add: Institute's Corpus Fund (Ph.D.) (5/321)	-	-1,872,000.00
g)	Add: Admission Fee (M.Sc.)		-126,000.00
h)	Add: Admission Fee (PGC)		-821,000.00
i)	Add: Admission Fee (One Time C)		-1,375,000.00
j)	Add: Spot Admission Fees		-35,290.00
k)	Add: IRG (Internal revenue Generation)		-388,825.00
l)	Add: R & C Reserve & Surplus		-97,200.00
m)	Add: SVNIT Development Fund 5/46	2,050,650.00	1,734,025.00
n)	Add: R&C Project IRG	9,225,510.75	12,496,039.95
o)	Less: Unspent Grant	-	-125,007,157.64
p)	Add: Transferred from retained earnings	-822,131,773.61	-101,263,593.00
q)	Add: Excess of Income over expenditure transferred from Income & Exp. A/c	28,328,617.55	-
r)	Less: Excess of expenditure over Income transferred from Income & Exp. A/c		35,421,173.33
	<b>Total (B)</b>	<b>5,264,257,751.57</b>	<b>5,732,052,380.88</b>
1.03	<b>General Reserve</b>		
	Balance at the beginning of the year		
	Addition During the year	285,956,090.00	
	<b>Total (C)</b>	<b>285,956,090.00</b>	
1.04	<b>Building Fund</b>		
	Balance at the beginning of the year		
	Addition During the year	49,651,305.00	
	<b>Total (D)</b>	<b>49,651,305.00</b>	
1.05	<b>BALANCE AT THE YEAR END (A+B+C+D)</b>	<b>6,310,394,644.94</b>	<b>6,116,222,989.25</b>

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022**

**SCHEDULE - 2 : DESIGNATED / EARMARKED / ENDOWMENT FUNDS**

Particulars	Institute Fund (Director Discretionary fund) 5/238	Fund wise Breakup				Total	
		Department Development Fund	MEDAL & SCHOLARSHIP FUND	Alumini Fund	Staff Development Fund	Current Year	Previous Year
<b>(1) A.</b>							
a) Opening Balance	34,508,763.23	49,625,087.56	2,708,568.00	14,524,383.19	1,299,796.00	102,666,597.98	99,137,894.81
b) Additions during the year	2,996,225.10	3,392,588.75	63,700.00	1,493,500.00		7,946,013.85	9,033,601.11
c) Income from Investments made of the funds	302,460.00	544,428.00	33,539.00			880,427.00	
d) Accrued interest on Investments/Advances	1,110,460.00	1,998,828.00	114,519.00	808,282.00		4,032,089.00	
e) Interest on Savings-Bank a/c.				286,636.00		286,636.00	
f) Other additions (specify nature)							
Less: Receivable from Institute Account							
<b>Total (A)</b>	<b>38,917,908.33</b>	<b>55,560,932.31</b>	<b>2,920,326.00</b>	<b>17,112,801.19</b>	<b>1,299,796.00</b>	<b>115,811,763.83</b>	<b>108,171,495.92</b>
<b>B.</b>							
Utilization /Expenditure towards objective of funds							
i) Capital expenditure		384,613.00				384,613.00	5,906,367.00
ii) Revenue Expenditure	39,396.00	1,142,222.00	254,153.00	252,354.00		1,688,125.00	898,326.44
iii) Temporary loan to institute							
<b>Total (B)</b>	<b>39,396.00</b>	<b>1,526,835.00</b>	<b>254,153.00</b>	<b>252,354.00</b>	<b>-</b>	<b>2,072,738.00</b>	<b>6,804,693.44</b>
<b>Closing balance at the year end (1) (A-B)</b>	<b>38,878,512.33</b>	<b>54,034,097.31</b>	<b>2,666,173.00</b>	<b>16,860,447.19</b>	<b>1,299,796.00</b>	<b>113,739,025.83</b>	<b>101,366,802.48</b>
<b>Represented by</b>							
Cash and Bank Balances	-	-	-	-	-	-	-
Investment	-	-	-	-	-	-	-
Interest accrued but not due	-	-	-	-	-	-	-
<b>Total</b>							

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022**

**SCHEDULE : 2A : ENDOWMENT FUNDS**

Sl. No.	Name of the Endowment	Opening Balance		Addition during the year		Total		Expenditure on the object during the year	Closing Balance		Total (10+11)
		Endowment	Accumulated Interest	Endowment	Interest	Endowment (3+5)	Accumulated Interest (4+6)		Endowment	Accumulated Interest	
1	2	3	4	5	6	7	8	9	10	11	12
	<b>TOTAL</b>										

*Amount in Rupees*



**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022**

**SCHEDULE : 3 : CURRENT LIABILITIES AND PROVISIONS**

		Amount in Rupees	
A. CURRENT LIABILITIES	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1.	Deposits from staff	-	
2.	Deposits from Students	26,601,316.00	24,537,877.00
3.	Sundry Creditors	-	
	a) For Goods & Services	-	
	b) Others	29,612,453.20	32,267,896.74
4.	Deposits - Others (EMD, Security Deposit, Caution Money etc.)	26,749,329.60	26,544,942.60
5.	Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS,NPS)	25,528,093.36	6,882,891.02
	Liabilities against Sponsored Project( Performance Security)	-	
6.	Current Liabilities	-	
	a) Salaries, Pension and allowances	44,878,133.00	51,104,515.00
	b) Receipts against sponsored projects	97,764,552.55	52,674,642.59
	c) Receipts against sponsored fellowships & Scholarship	22,569,467.84	21,822,432.84
	d) Unutilized Grants	-	
	Under Plan (OH-35) Grants	188,019,923.15	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	-	
	GPF Loan Inst Deducted from Employees Salary	39,125.00	-
	Other Current Liabilities	238,689,706.72	309,497,828.88
	Loan from PUF	925,000.00	
	<b>Total (A)</b>	<b>704,419,285.42</b>	<b>653,382,369.31</b>

<b>B. PROVISIONS</b>		
1. For Taxation		
2. Gratuity ( Provision as per Actuarie s)	180,398,393.00	
3. Pension Payable 1/341		169,321,269.00
4. Accumulated Leave encashment ( Provision as per Actuaries)	250,406,643.00	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.		
10. Telephone Charges.		2,939,462.00
11. Dr. Mayank Desai Group Ins. Payable	13,544.00	13,544.00
12. Other Payable	2,569,842.00	2,569,842.00
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
22. Honorarium of Establishment Payable		
23. Non-practice Allowance of Officer Payable		
24. Provision for Expense		
25. Children Education Allowances Payable	2,960,064.00	4,095,000.00
26. House Keeping & Sanitation Payable		2,050,464.00
27. Library Operating Cost (LOC) Payable		785,689.00
28. M & R Land & Garden Payable		20,060.00
29. Salary to Contractual Employees Payable		4,063,993.00
30. Security Charges Payable		3,193,206.00
31. Seminar / Extension Lectures		17,000.00
32. Telephone Charges Payable		17,272.00
33. HEFA Interest Portion Payable	1,856,767.00	
<b>Total (B)</b>	<b>438,205,253.00</b>	<b>404,740,078.00</b>
<b>TOTAL (A+B)</b>	<b>1,142,624,538.42</b>	<b>1,058,122,447.31</b>

**Sundry Creditors Others:**

Particulars	Amount 2021-22	Amount 2020-21
1. Shri Sayed Banglawala	-	2,756.00
2. Shailesh R. Gandhi	-	16,071.00
3. CPDA Payable of Dr PV timbadiya	100,000.00	
4. Dr G C Jadeja	37,100.00	
5. G4S Secure Solution (India) Private Limited	6,179,808.46	6,179,808.46
6. Lodhka & Co	180,000.00	
7. MED Sh. Rajendra Parmar	-	595.00
8. M/s. 3 Star J.T.R. Travels	-	1,575.00
9. M/s. Akhilam Enterprise	-	1,239.00
10. M/s. Ankit Gems Private Limited	6,250.00	6,250.00
11. M/s Agarwal & Lodhka	9,450.00	
12. M/s. BSB Edge Pvt. Ltd.	-	396,661.00
13. M/s Central Public Work Department (CPWD)	5,287,308.00	
14. M/s. Chamunda Electric Service	-	100.00
15. M/s. Daksh Enterprise	-	3,098.00
16. M/s. Dev Sports & Stationery	-	6,750.00
17. M/s. Empire Global	944.00	944.00
18. M/s. Emreaid Publisng Ltd.	-	1,014,163.00
19. M/s Flora construction	5,525.00	
20. M/s. H K Enterprise, Surat	-	1,046.00
21. M/s. ICE Publishing LTD. UK	-	657,195.00
22. M/s. Indian Oil Corporation Limited	-	-
23. M/s. Informa UK Ltd.	-	-
24. M/s. IOP Publishing Ltd.	-	2,442,927.00
25. M/s. Iqor Globle Services India Pvt Ltd	-	1,897,485.00
26. M/s Ismail Mohammed Idris	-	1,355.00
27. M/s. Kai Computech, Junagadh, Guj.	6,000.00	-
28. M/s. Krupa Nidhi	-	4,673.00
29. M/s. Manthan Tradeing	-	3,000.00
30. M/s Master Soft ERP solutions Pvt Ltd	138,042.00	19,744.00
31. M/s. New Amar Stationary & Refilling Centre	-	
32. M/s. New Modi Plan Xerox & Stationery	108.00	2,119.00
33. M/s. NI Systems India Pvt. Ltd.	-	108.00
		6,644.00

34. M/s. Oxford University Press	-	936,836.00
35. M/s. Purewell	-	1,850.00
36. M/s Rapid Security Service	542,851.00	-
37. M/s. Royal Society Of Chemistry	-	2,035,503.00
38. M/s. Satkaival Sound Service	-	5,000.00
39. M/s. Sheela Caterers	-	197.00
40. M/s. Shree Shakti Dry Cleaners	-	3,375.00
41. M/s. Vivekanand Kendra Kanyakumari	-	260.00
42. STTP on RCEQMS-2019 L K Saini Project	-	27,500.00
43. Sundry Creditors (R&C Division) (Details as per Annexure -1)	4,075,973.00	13,508,745.19
44. TFLLR-1 2018 Dr. G D Kale	-	2,410.00
45. M/s. Spie, USA	196,566.00	188,559.00
46. Nandini Electronics	-	2,055.00
47. Sundry Creditors CCE	2,206,563.39	2,882,320.09
48. Sundry Creditors ( Hostel)	10,639,964.35	-
49. Vinayak Enterprise	-	6,980.00
<b>Total</b>	<b>29,612,453.20</b>	<b>32,267,896.74</b>

## Statutory Liabilities

Particulars	Amount 2021-22	Amount 2020-21
1. GST Liability R. & C.	3,359,305.36	1,695,639.02
2. GST Payable on RCM Basis	3,279,178.00	1,119,681.00
3. New Pension scheme subscription 5/12	2,520,999.00	-
4. NPS Employer Contribution	-	6,825.00
5. Employers Contri NPS (14%) Payable	3,529,392.00	-
6. Group Saving Linked Insurance Scheme (5/40)	26,006.00	-
7. Professional tax 5/7	141,110.00	80,960.00
8. Service Tax R. & C.	297,561.00	297,561.00
9. TDS CGST (1%)	214,030.00	324,602.00
10. TDS SGST (1%)	214,030.00	324,602.00
11. TDS IGST (2%)	338,004.00	156,775.00
12. TDS Payable 194- C (2%)	361,722.00	440,446.00
13. TDS Payable 194- C (1%)	134,268.00	29,075.00
14. TDS Payable 194- J (10%)	711,299.00	254,009.00
15. TDS Payable 194- Q (0.1%)	3,403.00	-
16. TDS Payable 194- J (2%)	600.00	-
17. Input CGST 2.5%	-756.00	-
18. Input CGST 9%	-1,742.50	-
19. Input IGST 18%	-336,686.00	-
20. Input SGST 2.5%	-756.00	-
21. Input SGST 9%	-1,742.50	-
22. Output CGST 6 %	4,179.00	-
23. Output CGST 14%	2,800.00	-
24. Output SGST 6%	4,179.00	-
25. Output SGST 14%	2,800.00	-
26. GST Payable ( Hostei)	6,423.00	-
27. Income Tax Staff 5/8	10,444,986.00	2,006,137.00
28. Labour Cess (5/191)	58,125.00	146,579.00
29. LIC Premium Staff (5/8)	215,377.00	-
<b>Total</b>	<b>25,528,093.36</b>	<b>6,882,891.02</b>

**Other Current Liabilities:**

Particulars	Amount 2021-22	Amount 2020-21
1. DEPOSIT ( LIABILITY)	40,29,557.00	1,22,78,243.19
2. SCHOLARSHIP PAYABLE	95,200.00	2,05,72,378.00
3. 1/186 (OTHER FEES (U.G.))	33,70,329.00	33,70,329.00
4. 1/363 (INSTITUTIONAL OVERHEAD CHARGES)	17,91,046.00	15,18,146.00
5. 1/389 (E-TABLET REGISTRATION FEES (1ST YEAR STUDENT))	26,000.00	26,000.00
6. 5/113 (CONSULTANCY (APPLIED MECHANICS))	-	60,241.00
7. 5/175 (INT. CONF. ON ADVANCE IN MED)	3,98,468.00	3,98,468.00
8. 5/193 (TRAINING PROGRAMME FOR L&T MHI BOILERS PVT.LTD.,PO.BATHA)	4,64,824.00	4,64,824.00
9. 5/194 (AMPD CONFERENCE 2010-DR A.A SHAIKH)	12,179.00	12,179.00
10. 5/25 (TESTING LAB. DEV. FUND - COLLEGE LAB)	58,96,080.58	58,96,080.58
11. 5/261 (COMBUSTION RELATED ACTIVITIES AND SIC AND RGD LAB. (DR. S))	1,79,122.00	2,63,026.00
12. 5/262 (STTP "FUNDAMENTALS AND SPECIAL TOPICS IN FLUID MECHANIC)	47,56,840.98	1,03,72,065.76
13. 5/27 (LIBRARY DEPOSIT)	7,000.00	10,000.00
14. 5/282 (STTP ON "ONE WEEK SNHORT TERM COURSE ON "FINITE ELEMENT)	96,62,965.00	97,99,610.00
15. 5/289 (TWO WEEK SELF FINANCE)	3,66,004.00	1,92,504.00
16. 5/82 (COUNSELLING FOR ADMISSION FOR B.TECH. I YEAR(CSAB)(CENTER)	1,78,925.00	7,98,125.00
17. 5/84 (PRADHAN MANTRI GRAMIN SADAK YOJNA)	7,36,278.00	7,36,278.00
18. 5/87 (POLLUTION ISSUES AND MANAGEMENT-03 CONVENIER(UAPIM-03)	3,770.00	35,390.00
19. CCE ACCOUNTS	-	-1,74,696.70
20. Payable to R&C Division	4,39,21,754.00	7,29,89,257.91
21. TEMPORARY ADVANCE TO HOSTEL SECTION	20,000.00	2,78,924.00
22. Students	25,24,556.52	10,23,293.77
23. GIAN Course - S Arkatkar	29,72,354.44	71,52,983.00
24. SVRCET Alumni Association Fund 6/21	-	5,365.00
25. Fees refundable to students (A.Y. 2020-21)	47,28,100.00	38,57,750.00
26. Student Loan for Bihar Government	1,19,900.00	2,82,700.00
27. R & C Project Liabilities	6,66,347.00	6,50,655.50
28. Professional Upgradation Fund - (Testing/Consultancy)	2,69,16,468.98	2,76,39,960.78
29. Professional Upgradation Fund - (Project Overhead)	49,70,288.23	47,02,828.09
30. Dean Office Project Consultancy Staff Fund 5/239	1,08,19,328.00	1,04,46,558.90
31. Hostel Fund A/c	9,85,90,433.99	11,38,38,361.10
32. Anchor Cell Fund	57,47,459.00	-
33. Hostel Amenities fund (Hostel Component)	85,150.00	-
34. Hydro 2021 International Conference	1,96,156.00	-
35. Misc Liability SVPB Guest House	2,744.00	-
36. NEET (UG) 2021	3,100.00	-
37. Reserve of CCE	18,19,428.00	-
38. Revocation of Performance Bank Guarantee	20,84,000.00	-
39. The SVRCET Co-op Credit Society (5/11)	5,27,550.00	-
<b>Total</b>	<b>23,86,89,706.72</b>	<b>30,94,97,828.88</b>

## Annexure 1: Sundry Creditors (R&C Divison)

Particulars	Amount 2021-22	Amount 2020-21
1. 4/252 Dr.S.A.Channiwala	-	1,874,770.00
2. 5/112 Nandan H Dawda	-	6,000.00
3. ACAD Vashi Snehal	-	46,272.00
4. Account Section	132,683.00	81,283.55
5. ACD Bhaviniben Soneria	3,500.00	3,500.00
6. ACD Jagdish Solanki	2,749.00	2,749.00
7. ACD Thakurbhai Solanki	2,748.00	2,748.00
8. AMD 1089 Dr AK desai	-	563,786.00
9. AMD 1258 Dr Y D Patil	-	451.00
10. AMD 1310 Dr J B Patel	-	14,625.00
11. AMD 1350 Dr B Kondraivendhan	-	14,625.00
12. AMD 3182 Sh B S More	-	180.00
13. AMD 4110 Sh A R Kothari	-	180.00
14. AMD Maisuria S B	-	3,808.00
15. AMD Mr Rajan Khalasi	-	1,520.00
16. AMD Mr Shah Paresh M	-	1,235.00
17. AMD Sh Rajesh Maisuria	-	4,575.00
18. AMHD Mr.Divyesh Patel	1,320.00	1,025.00
19. AMHD Mr.Jitendra Patel	1,128.00	878.00
20. AHMD Mr Pramod R Solanki	250.00	
21. AMHD Mr.Rahul Ahir	-	878.00
22. AMHD Mr.Vinay Solanki	876.00	876.00
23. APD Dilpesh Patel	-	250.00
24. APD Ms.Nishita Desai	1,985.00	400.00
25. APD Sh.Pritesh Patel	-	400.00
26. Capital Consultancy , Gandhinagar	5,000.00	-
27. CCC Sh Vikki Khalashi	-	10,459.00
28. CED 1098 Dr S M Yadav	752.00	24,847.00
29. CED 1174 Dr G J Joshi	-	1,715,000.00
30. CED 1238 Dr N D Jariwala	4,140.00	4,140.00

31. CED 1257 Dr.M M Ahammed	-	52,574.00
32. CED 1289 Dr Ashish Dhamaniya	-	1,634,259.00
33. CED 1356 Arkatkar S S	-	1,634,258.00
34. CED 3171 Sh Mahesh Patel	172.00	50,000.00
35. CED Mrs Crissie Christian	-	16,600.00
36. CED Ms.Nirali Umrigar	-	18,350.00
37. CED Sh Ashok Parmar	-	6,050.00
38. CED Sh.Chintaman Bari	-	6,000.00
39. CED Sh..Jaydeep Goyani	-	3,000.00
40. CED Sh Nayanbhai Rathod	-	5,400.00
41. CED Sh Ninad Gore	-	37,000.00
42. CED Sh Piyush Pavashiya	-	89,809.00
43. CED Sh Rajubhai Umarvanshi	-	5,400.00
44. CED Sh Ramesh Patel	-	5,400.00
45. CED Shri..Aninda Bijoy Paul	-	16,543.00
46. CED Sh Ritvik Chauhan	-	64,796.00
47. Ced Sh Sajjan Patel	-	18,350.00
48. CED Sh Upendra Rajput	-	5,400.00
49. CED Sh Vasudevan N	-	20,000.00
50. Central Computer Centre	396.00	46,277.00
51. Central Workshop	-	46,270.00
52. CHED Mr Prashant Surati	705.00	705.00
53. CHED Mr Prashant Surati	550.00	550.00
54. COED Nirali Shah	600.00	600.00
55. COED Sh..Avinash Rathod	225.00	225.00
56. COED Shri Prabhat Baria	225.00	225.00
57. COED Shri Ramesh K Patel	225.00	225.00
58. COED Shri Vinod Valmik	225.00	225.00
59. C PHI consultant Pvt Ltd, Ahmedabad	5,000.00	225.00
60. DEAN (R & C) OFFICE STAFF	3,605,707.00	-
61. ECD 1323Dr Rakesh Kumar	-	3,007,054.75
62. EED Mr Dharmendra K Vaghela	950.00	214,127.00
63. EED Mr Rajiv Bhavsar	1,940.00	950.00
64. EED Ms.Sushila N Jariwala	1,160.00	1,940.00
65. Est 3180 Rajesh Patel	-	1,160.00
		46,271.22



66. Establishment		79,188.00	-
67. Estate & Store Section		168,487.00	858,569.20
68. Geo Engineering Services, Vadodara		5,000.00	-
69. Geo- Enhydro Consultant, Vadodara		5,000.00	-
70. Goma Engineering & consultant, Ahmedabad		5,000.00	-
71. Gouranga Mahata, Surat		5,000.00	-
72. Library		-	48,487.47
73. MED Mrs.Jigisha Bhuraiya		-	9,375.00
74. M/s.Apex Scientific		1,536.00	1,536.00
75. M/s.Arya Enterprises		650.00	650.00
76. M/s. AS Books		600.00	600.00
77. M/s.Avani Enterprises		1,499.00	1,499.00
78. M/s.Cloudtail India Private Limited		2,161.00	2,161.00
79. M/s.Empire Global		-	19,000.00
80. M/s.Fine Manufacturing Industries		-	772,603.00
81. M/s.Harshil Enterprises		-	3,020.00
82. M/s PD Sales & consultancy		348.00	-
83. M/s.Price Engineering		-	93,450.00
84. M/s. Riddhi Offset		2,407.00	2,407.00
85. M/s.Shreenterprise		2,529.00	2,529.00
86. M/s.Smart Computers & Stationers		-	8,199.00
87. Sh Ashvinbhai M Solanki		10,602.00	-
88. Sh Naresh R Maru		218.00	-
89. Sh.Nareshbhai R Kothari		-	455.00
90. Sh Vikibhai A Rathod		10,459.00	-
91. Vishwakarma Enterprise		-	246,750.00
92. Workshop Vijay Rathod		78.00	-
<b>Total</b>		<b>4,075,973.00</b>	<b>13,508,745.19</b>

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022

**SCHEDULE : 3A : SPONSORED PROJECTS**

Sl. No.	Name of the Project	Opening Balance		Receipts/Recoveries during the year	Recurring Expenditure during the year	Non Recurring Expenditure during the year	Others (Refunds/adjustments)	Closing Balance		Amount in Rupees
		Credit	Debit					Credit	Debit	
1	2	3	4	5	6	7	8	9	10	
1	Research Project a study on behavior of drug release kinetic (Mrs. Jigisha Parikh) (3/132)	27,000.00	-	-	27,000.00	-	-	-	-	
2	DST Project on Devpt. Of Guideline for preventing (Dr. Rakeshkumar) (4/170)	102,533.00	-	2,798.00	-	-	-	105,331.00	-	
3	Ground Estate Properties of Low Dimensional Quantum Systems ( Dr. L.K.Saini) ( 4/184)	83,244.00	-	634.00	-	-	-	83,878.00	-	
4	SERB Project Singly correlated Electronic Materials ( Dr. L.K.Saini) (4/186)	42,741.79	-	20.00	-	-	-	42,761.79	-	
5	SERB Project Experimental Analysis of slug Regime in ( Dr.J. Benerjee) (4/190)	156,252.00	-	4,262.00	-	-	-	160,514.00	-	
6	DST Project Use of Inorganic and Hybrid ( Dr.Kaipana Maheria) (4/196)	888.48	-	78.16	-	-	966.64	-	-0.00	
7	Consultancy of Vetting for Structural Design (DIV) (PWD) ( Dr. Macwan ) (5/254)	-	7,899.00	-	-	-	-	-	-	
8	Combustion Related Activities and SIC and RGD Lab. ( Dr. S.A. Channiwala) (5/261)	343,779.00	-	-	-	-	343,779.00	-	-	
9	SERB Project DEVPT of Nova: Supramolecular ( Dr. Subhan Sahoo ) (4/194)	0.00	-	-	-	-	-	-	-	
10	DRDO Project "Probabilistic fracture response of laminated"Dr. Achchhelal (4/198)	0.00	-	-	-	-	-	-	-	
11	Serb project "A study on ultrasound assistant crystal.-Dr. S R Patel (4/200)	-	77,065.00	-	-	-	-	0.00	-	77,065.00
12	SEA project-II Release of Grant in Aid Dr. D R Patel (4/201)	190,157.00	-	6,163.00	-	-	-	196,320.00	-	
13	SMCP - C2 SD of Dr. A D Darji (4/202)	662,423.10	-	18,045.00	12,789.00	-	-	667,679.10	-	
14	DST project "Woman scientist scheme-A(Wos-A)entitledDr Arvind Mungray(4/204)	276,280.20	-	1,267,536.00	1,407,511.00	-	130,710.00	5,595.20	-	
15	SERB project "Study of traffic flow characteristics (Dr. S S Arkatkar) (4/207)	4,071.28	-	177,323.00	180,000.00	-	1,380.36	13.92	-	
16	BRNS project "PGA based adaptive filter algorithm Dr. A D Darji (4/209)	1,158.00	-	1,085.00	-	-	-	2,243.00	-	
17	DST fist Project (DR. Manekar) (4/208)	3,124.00	-	686.00	-	-	-	3,810.00	-	
18	SERB project "Woman scientist scheme-A(Wos-A)entitledDr Arvind Mungray(4/204)	14,463,495.00	-	394,486.00	-	-	-	14,857,981.00	-	
19	SERB Project on" Devpt. of control Algorithms for shunt(Dr.Saba Raj Arya)(4/215)	203,992.50	-	22,892.00	472.00	-	217,209.00	9,203.50	-	
20	SERB Project on" Functional variants of Mussel Inspired (Dr.Rajendra Kumar)(4/217)	81,565.00	-	2,225.00	-	-	-	83,790.00	-	
21	DST Research Project Dr. Satyajit Patel (4/212)	321,768.14	-	79,156.00	-	-	-	400,924.14	-	
22	DST-Sponsored Research Project Nimat (C D Modera) (4/216)	1,035,952.00	-	28,255.00	-	-	-	1,064,207.00	-	
23	Spon. Research Proj- Gujcost (J B Patel)(3/146)	408,191.00	-	11,133.00	-	-	-	408,191.00	-	
24	Spon. Research Proj- MHRD (K D Yadav)(4/219)	75,151.00	-	154.00	-	-	-	75,305.00	-	
25	Spon. Research Proj- SERB (Arvind Mungray)(4/223)	778,299.00	-	517,868.00	615,212.00	22,500.00	-	658,455.00	-	
26	SERB - Dabesh Ranjan Roy (4/226)	316,866.50	-	1,630.50	-	-	-	318,497.00	-	
27	SERB - Dr. Alka Mungray (4/243)	141,623.50	-	4,926.00	-	-	-	146,549.50	-	
28	SERB - Dr. Jyoti Meghani (4/230)	110,035.00	-	1,552.00	718.00	-	-	110,635.00	-	
29	SERB - H. B. Mehta (4/232)	386,426.50	-	7,757.50	-	-	394,184.00	-	-	
30	SERB - Jigisha V. Gohil (4/224)	1,948.50	-	1,043.00	-	-	-	2,991.50	-	
31	SERB - Sureshkumar Kailasha (4/228)	537.50	-	304.50	-	-	842.00	-	-	
32	SERB - Y. A. Sontawane (4/221)	470,030.80	-	8,055.00	189,619.00	-	285,121.00	3,345.80	-	
33	Sponsored Research Project - DRDO (DR. SAC) (4/225)	33,166.50	-	2,937.00	-	-	-	36,103.50	-	
34	Sponsored Research Project - GOI (DR. SAC) 4/237	2,245,976.60	-	53,045.00	352,280.00	243,642.00	-	1,703,099.60	-	
35	Sponsored Research Project - ICHR Dr. D A Patel (4/238)	0.00	-	-	-	-	-	0.00	-	
36	Vishvesvaraya YFRF Fellowship (Dr. Piyush Patel) 4/236	24,738.00	-	226,820.00	231,846.00	-	-	19,712.00	-	
37	MORTH - Preparation of Stale of art (Dr. D A Patel) 4/227	216,430.50	-	5,904.00	-	-	-	222,334.50	-	
		52,810.00	-	310.00	4,452.00	-	-	48,668.00	-	

38	DCG DAE CSR Micro Structural (Naved Maleik) 4/234	113,406.80	-	8,599.20	-	1,081,833.00	145,000.00	122,006.00	-
39	MWRDRG-impact of climate (Dr. P. L. Patel) 4/240	1,560,885.84	-	28,103.00	-	295,000.00	-	58,856.72	303,299.12
40	TAPI-Impact of Climate change (Dr. P. L. Patel) 4/239	158,826.78	-	213,594.00	-	70,500.00	-	4,391.36	73,029.42
41	DST-Fractal Metaaterial (Dr. Kirti Inamdar) 4/249	861,065.12	-	27,573.00	-	30,402.00	-	-	818,138.12
42	Imprint 2 - Perfo Opti of AC System (Dr. A. D. Parekh) 4/251	639,742.00	-	18,587.00	-	110,452.00	-	417,524.00	210,403.00
43	MHUA-measure sus index (S S Arkatkar) 4/254	4,585,723.00	-	158,248.00	-	71,775.00	-	-	4,633,519.00
44	SERB - Computational study on Multy (Dr. Shushilkumar) 4/246	98,208.00	-	922.00	-	229,563.00	-	-	27,355.00
45	SERB - CONM POLYMER NANO (Swati Saxena) 4/250	16,123.00	-	-	-	160,395.00	-	-	16,123.00
46	SERB - Mango Waste Valor (Dr. M.A. Desai) 4/248	159,665.00	-	163,156.00	-	840,256.92	-	-	93,258.00
47	SERB - Study & Implementation (Dr. K P Ujia) 4/247	195,883.00	-	1,987.00	-	646,357.00	-	-	37,475.00
48	DST TECH Data Injection (Dr. Sheetal Kariya) 4/257	387,648.28	-	1,012,912.00	-	8,595.00	-	-	528,091.28
49	ISRI Project Simulation & Land (Dr. R. K. Jana) 4/263	1,149,561.00	-	31,954.00	-	464,743.00	-	-	512,663.00
50	ROBOFEST - Gujarat (Dr. H. K. Dave) 4/259	8,305.00	-	290.00	-	17,556.00	-	-	-
51	SERB - Nano Micro Particles (Dr. Sanjay Kumar Patel) 4/255	202,785.28	-	614,370.00	-	145,963.00	-	-	352,412.28
52	SERB Project - Linear Stability (Dr. J. Banerjee) 4/262	17,580.00	-	202,605.00	-	179,938.00	-	-	22,691.00
53	SERB Project - Synthesis of Artifi. (Dr. J.K. Parikh) 4/264	651,895.00	-	740,471.00	-	180,814.00	-	-	1,246,403.00
54	SERB Proj. - Study of Break up (Dr. Dipika Patel) 4/260	212,795.00	-	283.00	-	49,641.00	-	-	283.00
55	Sponsored Res. Project (Inst. of Engineers) (Dr. V.D. Kalyankar) 4/258	29,041.00	-	20,600.00	-	147,522.00	-	-	580,890.00
56	DST-Project-Development of Composite (Dr. V.N. Lad) (4/261)	707,425.00	-	20,987.00	-	50,000.00	-	-	448.00
57	Robofest 2.0 (The Four Legged Robot Category) (4/274)	50,000.00	-	448.00	-	50,000.00	-	-	448.00
58	Robofest 2.0 (The Pipe Climbing Robot Category) (4/273)	50,000.00	-	448.00	-	250,000.00	-	-	2,241.00
59	Robofest 2.0 (The Powered Exoskeleton Category) (4/271)	50,000.00	-	202,241.00	-	100,000.00	-	-	1,743.00
60	Robofest 2.0 (The Underwater Robot Category) (4/272)	50,000.00	-	51,743.00	-	376,337.32	1,425,131.00	-	459,253.68
61	SERB PROJECT-DEVELOPMENT OF ENCHANCED (DR. K.V.P) (4/268)	2,202,817.00	-	57,905.00	-	658,937.00	1,370,440.00	-	80,031.00
62	SERB PROJECT-DEVELOPMENT OF NOVEL (DR. B.A. SAHOO) (4/266)	2,086,236.00	-	23,172.00	-	394,135.00	233,311.00	-	1,630,448.00
63	SERB PROJECT-GROUP III-V INORGANIC (DR. D.R. ROY) (4/267)	2,193,414.00	-	64,480.00	-	320,074.00	53,888.00	-	685,180.00
64	SERB PROJECT-INDUSTRIAL SUITABILITY (DR. A.S. MULAY) (4/269)	992,731.00	-	66,411.00	-	50,034.00	90,120.00	-	1,135,672.00
65	SERB PROJECT-INVESTIGATION ON DR. V.K.PATEL (4/270)	1,234,666.00	-	41,160.00	-	297,816.00	288,750.00	26,240.00	329,029.00
66	4/265 DBT PROJECT DESIGN & DEVELOPMENT (P. N. PATEL)	922,884.00	-	18,951.00	-	2,758,479.50	-	-	4,279,458.60
67	Spons. Research Project CSIR Bhatnagar	2,747,960.10	-	4,289,978.00	-	177.00	-	-	5,228,578.00
68	FIST - Dept. Infra Devt. APD (Dr. Vipul Khera)	5,074,715.00	-	154,040.00	-	-	-	-	312,000.00
69	DST-DAAD Project Warrants for Dr Ashish (4/275)	-	-	312,000.00	-	-	-	-	15,000,000.00
70	DST - FISTProgram Dr. Jigisha Parikh (4/209)	-	-	15,000,000.00	-	-	-	-	915,901.00
71	DST Memes Based Potable Platform Dr.A.D Darji (4/307)	-	-	915,901.00	-	-	-	-	1,735,000.00
72	SERB - Wide Band Gap Device Dr Sukanta halder (4/308)	-	-	1,735,000.00	-	-	-	-	881,600.00
73	NRIDA - Evaluation of Cement Con Dr. S.S Arkatkar (4/306)	-	-	881,600.00	-	-	-	-	1,556,476.00
74	DST- Project Physcis and Application Dr Sahil (4/278)	-	-	1,588,039.00	-	31,563.00	-	-	944,000.00
75	DRDO Project - Design and Dev ( P.N.Patel) (4/290)	-	-	944,000.00	-	-	-	-	700,800.00
76	Devp of Trip Generation Manu ( Dr.S.S. Arkatkar) (4/287)	-	-	700,800.00	-	-	-	-	2,343,319.00
77	Gujcost Graphene Based Nano Material ( GRV) (4/276)	-	-	2,343,319.00	-	123,045.00	101,089.00	-	7,685.00
78	Gyan Project - A Need Based Dr Urvasi (4/277)	-	-	17,185.00	-	246,267.00	-	-	943,612.00
79	CSIR Project - Synthesis of Bio Dr Togati (4/280)	-	-	1,189,879.00	-	-	-	-	372,553.00
80	Design and Implementation Project Dr U.P Rao (4/284)	-	-	515,548.00	-	-	142,995.00	-	1,607,957.00
81	DST Project- Deep Learning Based Dr Darshna (4/281)	-	-	1,841,503.00	-	233,546.00	-	-	2,904,171.00
82	SERB Devp of Durg Delivery Dr JK Parikh (4/298)	-	-	2,904,171.00	-	-	-	-	335,098.00
83	SERB finishing of 3D Printed Parts Dr S Kumar (4/304)	-	-	335,098.00	-	-	-	-	-

84	SERB Hardware Implem. Of 3SS Dr. Jammala (4/303)					3,157,708.00					-	3,157,708.00
85	SERB Local Scouring Arounde Dr P.V Timbadiya (4/294)					4,367,510.00					-	4,367,510.00
86	SERB Multi Phase Composite Panel Dr Achhelal (4/305)					799,600.00					-	799,600.00
87	SERB Production of Crude Oil Dr AK Mungray (4/299)					1,977,260.00					-	1,977,260.00
88	SERB Project A Loop Heat Pipe Dr HB Mehta (4/289)					2,547,496.00		25,936.00			-	2,521,560.00
89	SERB Project Design and Control Dr R Chipili (4/286)					2,678,138.00			101,711.00		-	2,576,427.00
90	SERB Project Development of Dr Subrata Dutt (4/288)					2,070,953.00		43,693.00			-	2,027,260.00
91	SERB Wide Band Gap Device Dr SukantaHalder (4/283)					2,139,976.00					-	2,139,976.00
92	SERB Project Seseperation from water Dr. Ritambhara (4/285)					1,895,126.00		49,823.00		270,986.00	-	1,574,317.00
93	SERB Solar Division Water Gene Dr. Amit Kumar (4/291)					1,448,653.00		450.00		16,380.00	-	1,431,823.00
94	SERB Project Nanostructured Metal Dr DR Roy (4/292)					337,024.00					-	337,024.00
95	SERB Simulation of Cancer Dr. Susil Kumar (4/302)					220,063.00					-	220,063.00
96	Augmenting Ridership in Opertaing Dr GJ Joshi (4/293)					472,545.00					-	472,545.00
<b>TOTAL</b>											<b>2,980,031.16</b>	<b>97,764,552.55</b>
											<b>4,717,876.00</b>	<b>77,065.00</b>
											<b>66,421,396.86</b>	<b>13,633,579.74</b>
											<b>52,674,642.59</b>	<b>84,964.00</b>

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**

SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022

**SCHEDULE : 3B : SPONSORED FELLOWSHIPS AND SCHOLARSHIPS**

*Amount in Rupees*

Sl. No.	Name of the Sponsor	Opening Balance		Transaction during the year		Closing Balance as on 31.03.22	
		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 5/28	20,676,998.84	-	8,854,071.00	9,016,036.00	20,515,033.84	-
6	Top Class SC Student 5/168	756,605.00	-	909,000.00	-	1,665,605.00	-
7	Top Class ST Student 5/169	121,639.00	-	34,000.00	34,000.00	121,639.00	-
8	Vishesvaraya PHD scheme	267,190.00	-	-	-	267,190.00	-
	<b>Total</b>	<b>21,822,432.84</b>	<b>-</b>	<b>9,797,071.00</b>	<b>9,050,036.00</b>	<b>22,569,467.84</b>	<b>-</b>

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 2022

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

		<i>Amount in Rupees</i>	
PARTICULARS	CURRENT YEAR	PREVIOUS YEAR	
<b>A. Capital Grant (OH-35) : Government of India</b>			
Balance Brought forward	397,591,604.15	379,994,617.15	
Add: Receipts during the year	100,000,000.00	139,175,000.00	
Add Other additions	-	-	
<b>Total (a)</b>	<b>497,591,604.15</b>	<b>519,169,617.15</b>	
Less: Capital expenditure of last year (Net off depreciation)	-	-	
Less: Utilized for Revenue Expenditure	-	-	
Less: Utilized for Capital Expenditure	309,571,681.00	121,578,013.00	
<b>Total (b)</b>	<b>309,571,681.00</b>	<b>121,578,013.00</b>	
<b>Unutilized carried forward (a-b)</b>	<b>188,019,923.15</b>	<b>397,591,604.15</b>	
<b>B. Revenue Grants (OH-31 &amp; OH-36) :</b>			
Balance Brought forward	-272,584,446.51	25,282,161.81	
Add: Receipts during the year	1,458,231,434.00	1,376,760,000.00	
Add Other additions (Note 1)	272,584,446.51	-	
Add: IRG during the year	-	-	
<b>Total (c)</b>	<b>1,458,231,434.00</b>	<b>1,402,042,161.81</b>	
Less: Refunds/Lapse	146,487,442.00	-	
Less: Utilized for Revenue Expenditure	1,311,743,992.00	1,674,626,608.32	
Less: Utilized for Capital Expenditure	-	-	
<b>Total (d)</b>	<b>1,458,231,434.00</b>	<b>1,674,626,608.32</b>	
<b>Unutilized carried forward (c-d)</b>	<b>-</b>	<b>-272,584,446.51</b>	
<b>GRAND TOTAL (A+B)</b>	<b>188,019,923.15</b>	<b>125,007,157.64</b>	

Note 1 : In FY 2020-21 Institute has shown amount of Rs. 27.26 Crores to be received from Ministry towards provision of gratuity & leave encashment but the said amount is not receivable from Ministry hence it is reversed in FY 2021-22

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**

**SCHEDULE 4 - FIXED ASSETS**

S. No	Assets Heads	% Dep. charged	Gross Block				Depreciation for the Year 2021-22				Net Block		
			Op Balance 01.04.2021	Additions	Deduction	Cl. Balance	Dep Opening Balance	Depreciation for the Year	Deductions/Adjustment	Total Depreciations	31.03.2022	31.03.2021	
<b>TANGIBLE ASSETS</b>													
1	Land & Land Development	0	2,600,737.00	-	-	2,600,737.00	-	-	-	-	-	2,600,737.00	2,600,737.00
2	Site Development	0	6,476,850,163.00	3,851,838.00	-	3,851,838.00	-	-	6,480,691,001.00	147,208,384.48	-	3,851,838.00	3,851,838.00
3	Buildings	2%	40,680,216.00	13,066,876.00	1,716,102.00	6,488,200,937.00	1,964,609,255.02	17,408,353.06	505,910.00	2,111,817,639.50	-	4,376,383,297.50	4,512,240,907.98
4	Compound wall	2%	690,925,045.00	4,555,841.00	-	690,925,045.00	513,116,123.44	20,540,488.12	17,914,263.06	533,656,611.56	-	22,765,952.94	23,271,862.94
5	Equipments (Out of annual plan grant)	8%	4,555,841.00	1,926,435.00	-	6,482,276.00	227,792.05	324,113.80	551,905.85	5,930,370.15	-	4,328,048.95	4,328,048.95
5.1	Electrical Installation and Equipment	5%	-	-	-	-	-	-	-	-	-	-	-
5.2	Plant and Machinery	5%	-	-	-	-	-	-	-	-	-	-	-
5.3	Scientific & Laboratory Equipment	8%	201,570.00	25,044,727.00	-	25,246,297.00	16,125.60	2,019,703.76	2,035,829.36	23,210,467.64	-	185,444.40	185,444.40
5.4	Office Equipment	7.5%	172,240.00	730,800.00	-	903,040.00	12,918.00	67,728.00	80,646.00	822,394.00	-	159,322.00	159,322.00
5.5	Audio Visual Equipment	7.5%	780,569.00	1,498,542.00	-	2,279,111.00	58,542.68	170,933.33	229,476.01	2,049,635.00	-	722,026.33	722,026.33
6	Equipments (Out of project grant)	8%	124,610,398.68	1,027,319.00	-	124,610,398.68	29,906,495.68	9,968,831.89	39,875,327.58	84,735,071.10	-	94,703,903.00	94,703,903.00
6.1	Electrical Installation and Equipment	5%	8,315,660.00	-	-	8,315,660.00	415,783.00	467,148.95	882,931.95	8,460,047.05	-	7,899,877.00	7,899,877.00
6.2	Plant and Machinery	5%	-	-	-	-	-	-	-	-	-	-	-
6.3	Scientific & Laboratory Equipment	8%	13,960,306.00	2,961,521.00	-	16,921,827.00	1,116,824.48	1,353,746.16	2,470,570.64	14,451,256.36	-	12,843,481.52	12,843,481.52
6.4	Office Equipment	7.5%	368,595.00	-	-	368,595.00	27,644.63	27,644.63	55,289.25	313,305.75	-	340,950.38	340,950.38
6.5	Audio Visual Equipment	7.5%	-	-	-	-	-	-	-	-	-	-	-
7	Furniture	7.50%	293,808,143.00	391,519.00	-	294,199,662.00	158,329,656.13	13,258,444.11	171,588,100.24	122,611,561.77	-	135,478,486.87	135,478,486.87
8	Library Books	10%	84,893,276.00	812,081.00	-	85,705,357.00	68,068,796.80	2,721,164.90	70,789,961.70	14,915,395.30	-	16,824,479.20	16,824,479.20
9	Vehicles	10%	7,310,447.00	24,500.00	-	7,334,947.00	3,033,533.90	641,568.70	3,675,102.60	3,659,844.40	-	4,276,913.10	4,276,913.10
10	Computers	20%	209,178,197.00	25,707,172.00	-	234,885,369.00	161,510,322.80	44,863,520.40	206,373,843.20	28,511,525.80	-	47,667,874.20	47,667,874.20
11	Cooking & Gas / Gas Pipeline	5%	1,492,017.00	-	-	1,492,017.00	1,387,750.70	6,517.00	1,394,267.70	97,749.30	-	104,266.30	104,266.30
12	Diesel Generator Set	5%	10,767,403.00	-	-	10,767,403.00	9,369,906.60	87,344.00	9,457,250.60	1,310,152.40	-	1,397,496.40	1,397,496.40
13	Centre for Excellence (Out of CG Grant)	2%	39,917,853.00	-	-	39,917,853.00	36,709,819.86	69,740.00	36,779,559.86	3,138,293.14	-	3,208,033.14	3,208,033.14
<b>Total (A)</b>			<b>8,011,388,676.68</b>	<b>77,043,330.00</b>	<b>1,716,102.00</b>	<b>8,086,715,904.68</b>	<b>2,965,325,644.42</b>	<b>244,302,932.22</b>	<b>3,209,628,576.65</b>	<b>4,877,087,328.03</b>	<b>158,314,112.00</b>	<b>5,046,063,032.26</b>	<b>5,046,063,032.26</b>
<b>Capital Works in Progress (B)</b>			<b>11,067,503.00</b>	<b>159,207,259.00</b>	<b>11,960,650.00</b>	<b>158,314,112.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Intangible Assets</b>			<b>117,218,055.00</b>	<b>31,396,788.00</b>	<b>-</b>	<b>148,614,843.00</b>	<b>107,198,773.80</b>	<b>15,084,117.00</b>	<b>122,282,890.80</b>	<b>26,331,952.20</b>	<b>10,019,281.20</b>	<b>10,019,281.20</b>	<b>10,019,281.20</b>
14	E Books / E-Journals	40%	117,218,055.00	31,396,788.00	-	148,614,843.00	107,198,773.80	15,084,117.00	122,282,890.80	26,331,952.20	10,019,281.20	10,019,281.20	10,019,281.20
15	Software	40%	223,246.00	6,988,448.00	-	7,211,694.00	89,298.40	2,884,677.60	2,973,976.00	4,237,718.00	-	4,237,718.00	4,237,718.00
<b>Total (C)</b>			<b>117,441,301.00</b>	<b>38,385,236.00</b>	<b>-</b>	<b>155,826,537.00</b>	<b>107,288,072.20</b>	<b>17,968,794.60</b>	<b>125,256,866.80</b>	<b>30,569,670.20</b>	<b>10,019,281.20</b>	<b>10,019,281.20</b>	<b>10,019,281.20</b>
<b>TEQIP I Assets (D)</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Total "I" (A+B+C+D)</b>			<b>8,139,897,480.68</b>	<b>274,635,825.00</b>	<b>13,676,752.00</b>	<b>8,400,856,553.68</b>	<b>3,072,613,716.62</b>	<b>262,271,726.82</b>	<b>3,334,885,443.45</b>	<b>5,065,971,110.23</b>	<b>5,056,082,313.46</b>	<b>5,056,082,313.46</b>	<b>5,056,082,313.46</b>

SCHEDULE 4A - OUT OF PLAN GRANT

S. No	Assets Heads	Gross Block			Depreciation for the Year 2021-22			Net Block		
		Op Balance 01.04.2021	Additions	Deduction	Cl. Balance	Dep Opening Balance	Depreciation for the Year	Deductions/Adjtu stment	31.03.2022	31.03.2021
1	Land & Land Development	0	-	-	2,600,737.00	-	-	-	2,600,737.00	2,600,737.00
2	Site Development	0	3,851,838.00	-	3,851,838.00	-	-	-	3,851,838.00	3,851,838.00
3	Buildings	2%	6,476,850,163.00	1,716,102.00	6,488,200,937.00	1,964,609,255.02	147,208,384.48	-	4,376,383,297.50	4,512,240,907.98
4	Compound wall	2%	40,680,216.00	-	40,680,216.00	17,408,353.06	505,910.00	-	22,765,952.94	23,271,862.94
5	Equipments (Out of annual plan grant)	8%	690,925,045.00	-	690,925,045.00	513,116,123.44	20,540,488.12	-	157,668,433.44	177,808,921.56
6	Electrical Installation and Equipment	5%	4,555,841.00	1,926,435.00	6,482,276.00	277,792.05	324,113.80	-	551,905.85	4,328,048.95
7	Plant and Machinery	5%	-	-	-	-	-	-	-	-
8	Scientific & Laboratory Equipment	8%	201,570.00	25,044,727.00	-	25,246,297.00	2,019,703.76	-	2,035,829.36	185,444.40
9	Office Equipment	7.5%	172,240.00	730,800.00	-	903,040.00	67,728.00	-	80,646.00	159,322.00
10	Audio Visual Equipment	7.5%	780,569.00	1,498,542.00	-	2,279,111.00	170,933.33	-	229,476.01	2,049,635.00
11	Furniture	7.50%	293,731,509.00	391,519.00	-	294,123,028.00	158,323,908.58	-	171,576,605.14	135,407,600.42
12	Library Books	10%	84,893,276.00	812,081.00	-	85,705,357.00	68,068,796.80	-	70,789,961.70	16,824,479.20
13	Vehicles	10%	7,310,447.00	24,500.00	-	7,334,947.00	3,033,533.90	-	3,659,844.40	4,276,913.10
14	Computers	20%	206,403,711.00	25,456,340.00	-	231,860,051.00	160,955,425.60	-	205,213,882.40	45,448,285.40
15	Cooking & Gas / Gas Pipeline	5%	1,492,017.00	-	-	1,492,017.00	1,387,750.70	-	1,394,267.70	104,266.30
16	Diesel Generator Set	5%	10,767,403.00	-	-	10,767,403.00	9,369,906.60	-	9,457,250.60	1,397,496.40
17	Centre for Excellence (Out of CG Grant)	2%	39,917,853.00	-	-	39,917,853.00	69,740.00	-	36,779,559.86	3,208,033.14
	<b>Total (A)</b>		<b>7,861,282,597.00</b>	<b>72,803,658.00</b>	<b>1,716,102.00</b>	<b>7,932,370,153.00</b>	<b>2,933,298,251.89</b>	<b>231,874,749.45</b>	<b>3,165,173,001.33</b>	<b>4,767,197,151.67</b>
18	<b>Capital Works in Progress (B)</b>		<b>11,067,503.00</b>	<b>159,207,259.00</b>	<b>11,960,650.00</b>	<b>158,314,112.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>158,314,112.00</b>
19	<b>Intangible Assets</b>									
	E Books / E-journals	40%	117,218,055.00	31,396,788.00	-	148,614,843.00	107,198,773.80	15,084,117.00	122,282,890.80	26,331,952.20
20	Software	40%	223,246.00	5,988,448.00	-	7,211,694.00	89,298.40	2,884,677.60	2,973,976.00	4,237,718.00
	<b>Total (C)</b>		<b>117,441,301.00</b>	<b>38,385,236.00</b>	<b>-</b>	<b>155,826,537.00</b>	<b>107,288,072.20</b>	<b>17,968,794.60</b>	<b>125,256,866.80</b>	<b>30,569,670.20</b>
21	<b>TEQIP I Assets (D)</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Grand Total "2" (A+B+C+D)</b>		<b>7,989,791,401.00</b>	<b>270,396,153.00</b>	<b>13,676,752.00</b>	<b>8,246,510,802.00</b>	<b>3,040,586,324.09</b>	<b>249,843,544.05</b>	<b>3,290,429,868.13</b>	<b>4,956,080,933.87</b>
										<b>4,938,003,626.32</b>



SCHEDULE 4B - OUT OF SPONSERED PROJECT/ DEVELOPMENT FUND

S. No	Assets Heads	Gross Block				Depreciation for the Year 2021-22				Net Block	
		Op Balance 01.04.2021	Additions	Deduction	Cl. Balance	Dep Opening Balance	Depreciation for the Year	Deductions/Adju stment	Total Depreciations	31.03.2022	31.03.2021
1	Equipment	8%	124,610,398.68	-	124,610,398.68	29,906,495.68	9,968,831.89	-	39,875,327.58	84,735,071.10	94,703,903.00
2	Electrical Installation and Equipment	5%	8,315,660.00	1,027,319.00	9,342,979.00	415,783.00	467,148.95	-	882,931.95	8,460,047.05	7,899,877.00
3	Plant and Machinery	5%	-	-	-	-	-	-	-	-	-
4	Scientific & Laboratory Equipment	8%	13,960,306.00	2,961,521.00	16,921,827.00	1,116,824.48	1,353,746.16	-	2,470,570.64	14,451,256.36	12,843,481.52
5	Office Equipment	7.5%	368,595.00	-	368,595.00	27,644.63	27,644.63	-	55,289.25	313,305.75	340,950.38
6	Audio Visual Equipment	7.5%	-	-	-	-	-	-	-	-	-
7	Computer & Peripherals	20.0%	2,774,486.00	250,832.00	3,025,318.00	554,897.20	605,063.60	-	1,159,960.80	1,865,357.20	2,219,588.80
8	Furniture, Fixture and Fittings	7.5%	76,634.00	-	76,634.00	5,747.55	5,747.55	-	11,495.10	65,138.90	70,886.45
	<b>Total (A)</b>		<b>150,106,079.68</b>	<b>4,239,672.00</b>	<b>154,345,751.68</b>	<b>32,027,392.54</b>	<b>12,428,182.78</b>	<b>-</b>	<b>44,455,575.32</b>	<b>109,890,176.36</b>	<b>118,078,687.14</b>
9	Capital Works in Progress (B)		-	-	-	-	-	-	-	-	-
10	Intangible Assets		-	-	-	-	-	-	-	-	-
	<b>Total (C)</b>		-	-	-	-	-	-	-	-	-
11	TEQIP I Assets (D)		-	-	-	-	-	-	-	-	-
	<b>Grand Total "3" (A+B+C+D)</b>		<b>150,106,079.68</b>	<b>4,239,672.00</b>	<b>154,345,751.68</b>	<b>32,027,392.54</b>	<b>12,428,182.78</b>	<b>-</b>	<b>44,455,575.32</b>	<b>109,890,176.36</b>	<b>118,078,687.14</b>
	<b>Grand Total "1+2+3"</b>		<b>8,139,897,480.68</b>	<b>274,635,825.00</b>	<b>8,400,856,553.68</b>	<b>3,072,613,716.62</b>	<b>262,271,726.82</b>	<b>-</b>	<b>3,334,885,443.45</b>	<b>5,065,971,110.23</b>	<b>5,056,082,313.46</b>

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
**SCHEDULE 4(C) (I) - PATENTS AND COPYRIGHTS**

Particulars	Amount in Rupees					
	Op Balance 01.04.2021	Additions	Gross	Amortization	Net Block 2021-22	Net Block 2020-21
<b>A. Patents Granted</b>						
1. Balance as on 31.03.2022 of Patents obtained in 2018-19 (Original Value - Rs. )	NIL	NIL	NIL	NIL	NIL	NIL
2. Balance as on 31.03.2022 of Patents obtained in 2019-20 (Original Value - Rs. )	NIL	NIL	NIL	NIL	NIL	NIL
3. Balance as on 31.03.2022 of Patents obtained in 2020-21 (Original Value - Rs. )	NIL	NIL	NIL	NIL	NIL	NIL
4. Patents granted during the Current Year						
<b>Total</b>	0	0	0	0	0	0

Particulars	Amount in Rupees					
	Op Balance 01.04.2021	Additions	Gross	Amortization	Net Block 2021-22	Net Block 2020-21
<b>B. Patents Pending in respect of Patents applied for:</b>						
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
<b>Total</b>	0	0	0	0	0	0
<b>C. Grand Total (A+B)</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 2022

**SCHEDULE : 5 : INVESTMENTS FROM CORPUS/EARMARKED / ENDOWMENT/ Alumni FUNDS**

PARTICULARS	Amount in Rupees	
	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. Debantures and Bonds	NIL	NIL
6. Term Deposits with Banks	NIL	NIL
(i) Corpus Fund FD		
(ii) Alumni Fund FD	693,613,014.00	306,339,452.00
(iii) Institute Fund (Dir. Discretionary fund) FD 5/238	22,166,050.00	17,166,050.00
(iv) Department Development Fund FD	27,898,085.00	26,625,675.00
(v) Medal and Scholarship Fund FD	50,216,553.00	47,926,215.00
7. Others	2,666,000.00	2,666,000.00
<b>Total</b>	<b>796,559,702.00</b>	<b>400,723,392.00</b>

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT**  
**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022**

**SCHEDULE : 6 : INVESTMENTS - OTHERS**

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

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022**

**SCHEDULE : 7 : CURRENT ASSETS**

PARTICULARS	Amount in Rupees	
	CURRENT YEAR	PREVIOUS YEAR
<b>1. STOCKS:</b>		
a) Storers and spares	-	-
b) Loose Tools	-	-
c) Publications	-	-
d) Laboratory Chemicals	-	-
e) Building materials	-	-
f) Electrical Materials	-	-
g) Stationery	-	-
h) Water supply materials	-	-
<b>2. SUNDRY DEBTORS</b>		
a) Debts outstanding for a period exceeding six months	24,752,996.50	24,259,711.50
b) Others : 1/164	14,716,130.34	27,222,687.70
c) Rent Receivable from Guest House	127,326.06	
<b>3. CASH AND BANK BALANCES</b>		
Cash in hand		
Cash at Bank:	9,956.00	10,221.00
Permenent Imprest A/c		
<b>A) With Scheduled Banks:</b>	117,000.00	118,000.00
In Current Accounts		
In Savings Accounts	140,573,640.85	694,444,236.24
In Deposits Accounts	218,919,558.04	215,635,919.03
In Swift Accounts	1,028,443,167.26	552,581,994.92
<b>A) With Non Scheduled Banks:</b>		
In Deposits Accounts		
In Savings Accounts		
<b>Other Current Asset (CCE)</b>		
4. POST OFFICE - SAVINGS ACCOUNTS	75,991.80	75,991.80
<b>Total</b>	<b>1,427,735,766.85</b>	<b>1,514,348,762.19</b>

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**

**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022**

<b>SCHEDULE : 7 (A) ANNEXURE - CURRENT ASSETS</b>		<i>Amount in Rupees</i>	
<b>With Scheduled Banks:</b>	<b>PARTICULARS</b>	<b>CURRENT YEAR</b>	<b>PREVIOUS YEAR</b>
	<b>In Current Accounts</b>		
	1. S.B.I. C. A/c. 10023050019	58,297,555.39	353,174,689.89
	2. SBI IF 5/238	12,581,169.00	8,934,442.00
	3. SBI DOPS	1,905,977.00	1,374,793.00
	4. SBI DDF	7,663,670.84	5,505,253.84
	5. SBI PUF	3,557,005.99	3,681,410.15
	6. Director SVNIT DASA	299,064.67	11,800,896.67
	7. Director SVNIT Scholarship 37030179760	1,330,862.68	1,769,393.68
	8. Director SVNIT SVP Guest House -40058771207	522,454.00	-
	9. SBI MHRD A/c. 36743958767	3,546,423.73	30,909,463.09
	10. Online Fees SBI A/c 33110355913	30,664,778.45	219,159,782.13
	11. Bank Balance (CCE)	1,692,637.83	4,455,230.69
	12. Director SVNIT Hostel A/c 37728130270	3,292,425.92	17,455,789.99
	13. Hostel Admission Fee A/c 35779895100	15,219,615.35	36,223,091.11
	<b>Total</b>	<b>140,573,640.85</b>	<b>694,444,236.24</b>
	<b>In Savings Accounts</b>		
	1. S.B.I. Project. 10023051705	9,634,668.00	9,378,863.00
	2. Staff Development fund S.B A/C	111,168.00	1,958,044.00
	3. Canara Bank 277101028584	1,706,535.00	1,658,000.00
	4. SBI 4/208 35372951282 Dr. V L Manekar (4/208)	14,857,981.00	14,463,495.00
	5. SBI 3/146 (SBI 38085742329 (DR. J.B. PATEL)	419,324.00	408,191.00
	6. SBI 3/148 (SBI 38085741596 (DR.V.N.LAD)	-	25,151.00
	7. SBI 4/196 (SBI 38112693316 (DR. K.C. MAHERIA)	-	2,998.84
	8. SBI 4/200 (SBI 38112824668 (DR. SANJAY PATEL)	232,152.00	225,989.00
	9. SBI 4/201 (SBI 38112847085 (DR. D. R. PATEL)	670,017.10	664,761.10
	10. SBI 4/202 (SBI 38112859759 (DR. A. D. DARIJ)	70,408.84	323,700.20

11. SBI 4/204 (SBI 38112863028 (DR. A. K. MUNGRAY)	13.92	4,071.28
12. SBI 4/207 (SBI 38112889321 (DR. S. S. ARKATKAR)	40,035.00	38,950.00
13. SBI 4/209 (SBI 38112892797 (DR. A. D. DARJI)	25,839.00	25,153.00
14. SBI 4/212 (SBI 38112977716 (DR. SATYAJIT PATEL)	544,876.14	465,720.14
15. SBI 4/215 (SBI 38112982262 (DR. SABHA RAJ ARYA)	22,048.50	217,737.50
16. SBI 4/216 (SBI 38112984791 (DR. C. D. MODHERA)	1,064,207.00	1,035,952.00
17. SBI 4/217 (SBI 38112777820 (DR. RAJENDRA KUMAR)	83,790.00	81,565.00
18. SBI 4/221 (SBI 38112808782 (DR. YOGESH SONVANE)	110,585.50	107,648.50
19. SBI 4/223 (SBI 38112814989 (DR. A.K. MUNGRAY)	-	329,308.50
20. SBI 4/224 (SBI 4/224 38112711246 (DR. J.V. GOHEL)	-	7,943.50
21. SBI 4/225 (SBI 38112764254 (DR. S. A. CHANNIWALA)	1,720,418.60	2,263,295.60
22. SBI 4/226 (SBI 38121270491 (DR. DEBESH ROY)	185,169.50	180,243.50
23. SBI 4/227 (SBI 38121321211 (DR. DILIP A. PATEL)	8,456.00	12,598.00
24. SBI 4/228 (SBI 38121306441 (DR. K. SURESH KUMAR)	69,940.80	536,625.80
25. SBI 4/230 (SBI 38121309395 (DR. JYOTI MEGHANI)	-	381,283.50
26. SBI 4/232 (SBI 38121340007 (DR. H.B. MEHTA)	39,278.50	38,235.50
27. SBI 4/234 (SBI 38121317238 (DR. NAVED MALEK)	-	113,479.80
28. SBI 4/236 (SBI 38121318129 (DR. PIYUSH PATEL)	222,406.50	216,502.50
29. SBI 4/239 (SBI 38121327406 (DR. P. L. PATEL)	73,034.14	158,831.50
30. SBI 4/240 (SBI 38121328353 (DR. P. L. PATEL)	348,789.28	1,606,376.00
31. SBI 4/241 (SBI 4/241 38121329094 (DR. P. A. PARIKH)	5,508.00	5,362.00
32. SBI 4/242 (SBI 38121330065 (DR. SATYAJIT PATEL)	54,794.00	53,340.00
33. SBI 4/243 (SBI 38121339273 (DR. ALKA MUNGRAY)	10,732.00	120,703.00
34. SBI 4/244 (SBI 38121337606 (DR. SATYAJIT PATEL)	212,650.00	207,005.00
35. SBI DST Project (Dr. Rakeshkumar)	105,331.00	102,533.00
36. Research & Consultancy A/c SVNIT(SBI 35373382053)	116,195,150.32	82,520,526.82
37. SBI 35373370477 Endowment Fund	320,390.00	311,883.00
38. SBI 38458130834 ( Dir. SVNIT SERB - DST A/c)	46,830,885.00	3,003,375.00
39. SBI 38580084691 (Dr. S. A. Channiwala)	4,343,457.60	4,624,529.10
40. SBI 38580122481 ( Dr. Vipul Kheraj)	5,228,530.80	5,074,715.00
41. Ground States Properties of ( L.K.Sain) (33578592131)	23,878.00	23,244.00
42. SERB Project( LKS ) SBI A/c 33825879534	761.79	741.79
43. SERB Project ( Dr.J. Benerjee ) 33983394581	160,514.00	156,252.00
44. Corpus Fund Bank A/c. 30047646468	647,944.90	10,718,489.30
45. Canara Bank 0277101020135 (corpus)	43,403.00	52,849,149.00

46. Alumini A/c No. 32062014924		579,207.70	5,316,178.20
47. S.B.I. - Savings A/c. 30001809063		79,145.60	1,600,097.60
48. Honorium For PHD Thesis Abroad (canara)		1,202,484.83	11,904,114.96
49. Director SVNIT Surat (Allahabad)		116,278.00	112,966.00
50. HEFA ESCROW-3		10,294,990.00	-
51. HEFA ESCROW-4		921.00	-
52. Hydro 2021 International - 40106496158 (SBI)		201,458.18	-
<b>Total</b>		<b>218,919,558.04</b>	<b>215,635,919.03</b>
<b>In Deposits Accounts</b>			
FD from DASA Fees A/c			
FD from Fees A/c - SBI		25,208,059.00	9,950,000.00
FD from MHRD A/c		97,916,181.00	316,245,314.00
Security Deposit FDR Collected Party		173,799,172.00	101,105,404.00
Security Deposit R & C		1,027,287.00	1,034,787.00
FD from HEFA ESCROW - 3 A/C		6,324,821.26	6,110,436.92
FD from IRG		89,465,840.00	
FD from Saving A/c (20135)		430,288,494.00	
FD from Staff Development fund		3,500,000.00	
FD from SVPb Guest House		1,900,000.00	
Fixed Deposit CCE		2,500,000.00	
FD out of Anchor Cell fund		4,054,390.00	
<b>FD from Principal A/c - 9063 :</b>		5,747,459.00	
Principal SBI FD 39889336826			
Principal SBI FD 39889337285		10,400,272.00	10,000,000.00
Principal SBI FD 40219347119		3,120,081.00	3,000,000.00
Principal SBI FD 40219347404		10,271,680.00	
Principal SBI FD 40629934100		8,217,344.00	
<b>FD from Scholarship A/c - 760 :</b>		14,740,400.00	
Sch. SBI FD 39886248571			
Sch. SBI FD 39886249530		1,040,029.00	1,000,000.00
Sch. SBI FD 39886250045		1,040,029.00	1,000,000.00
Sch. SBI FD 39886250374		1,040,029.00	1,000,000.00
R. & C. Fixed Deposit (PUF, POH, R&D Fund)		43,521,012.00	41,536,053.00
Hostel FD		92,280,559.00	59,600,000.00
<b>Total</b>		<b>1,028,443,167.26</b>	<b>552,581,994.92</b>
<b>In Swift Accounts</b>			
<b>With Non Scheduled Banks:</b>			
In Deposits Accounts			
In Savings Accounts			
<b>Total</b>		<b>1,387,936,366.15</b>	<b>1,462,662,150.19</b>



**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**

**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2022**

**SCHEDULE : 8 : LOANS, ADVANCE AND DEPOSITS**

PARTICULARS	Amount in Rupees	
	CURRENT YEAR	PREVIOUS YEAR
<b>1. Advances to employees (Non-interest bearing) :</b>		
a) Salary		
b) Festival		
c) Medical Advance		
d) Others		
- Leave Travel Concession		
- Project Advance to employees	186,800.00	36,000.00
	132,150.00	132,150.00
<b>2. Long Term Advances to employees: (Interest bearing) :</b>		
a) Vehicle Loan		
b) Home Loan		
c) Soft Loan		
<b>3. Advances and other amounts recoverable in cash or in kind or for value to be received :</b>		
<b>A) On Capital Account</b>		
Other Advance (NIT Meghalaya)		
Permanent deposit with GEB (New Line)	863,158.00	863,158.00
P & T Deposits (Telephone)	6,853,047.00	6,853,047.00
	1,978.00	1,978.00
<b>B) To Suppliers/Firm</b>		
<b>C) Others</b>		
i) Temporary Advance to Department		
ii) Patent Attorney Fee	134,350.00	69,406.00
iii) Advance payment to CPWD Baroda	1,922,040.00	335,936.00
iv) Advance of R & C division	-	374,875.00
v) EPF Recovery ( Labour Commission)		
vi) GST Cash Ledger	14,862,963.00	14,862,963.00
vii) GST TDS Receivable R & C	40,730.00	40,830.00
viii) SVNIT R & C	280,745.70	279,712.00
ix) TCS Receivable	80,400.00	40,200.00
x) TCS Receivable (FY 2021-22)	39,357.00	39,357.00
xi) TDS Receivable	31,392.00	-
xii) TDS Receivable 2017-18	-	9,350,549.00
	-	15,830,510.00

xiii) TDS Receivable 2018-19	13,668,686.14	13,668,686.14	13,668,686.14
xiv) TDS Receivable 2019-20	-	-	11,532,309.38
xv) TDS Receivable 2020-21	5,905,216.00	5,905,216.00	6,023,288.00
xvi) TDS Receivable 2021-22	6,901,680.00	6,901,680.00	-
xvii) NPS A/c : Balance with Bank A/c	-	-	-
xviii) Director IIIT-Surat	-	-	-
xix) NPS Loan	-	-	-
xx) FEES COLLECTED AT CSAB	-	-	30,000.00
xxi) Advance to Balmer Lawrie & Co.	381,539.60	381,539.60	367,735.60
xxii) Amount receivable from Hostel	256,641.00	256,641.00	256,641.00
xxiii) CPF/GPF A/c : Balance with Bank & Investment	-	-	-
xxiv) TDS Receivable CCE	-	-	-
xxv) SGST TDS Receivable FY 2021-22	17,680.00	17,680.00	-
xxvi) CGST TDS Receivable FY 2021-22	17,680.00	17,680.00	-
xxvii) Advance payment of Municipal Taxes	4,902,762.00	4,902,762.00	-
xxviii) Advance for Student event (M/s. AIE Creations & Production)	545,000.00	545,000.00	545,000.00
<b>D) Advance To CPWD (As per Annexure 2)</b>	276,222,402.00	276,222,402.00	197,271,651.00
<b>4. Prepaid Expenses :</b>			
a) Insurance			-
b) Against E. Journal			-
c) Library AMC Charges			-
d) Printed Journal			-
e) M & R Pheriperl Exp	232,755.00	232,755.00	-
<b>5. Deposits :</b>			
a) Telephone			-
a) Telephone			-
c) Electricity			-
d) AICTE			-
e) Gas Connection	768,088.00	768,088.00	768,088.00
f) Gas Cylinder Deposit	25,000.00	25,000.00	25,000.00
<b>6. Income Accrued :</b>			
a) On investments from Earmarked / Endowment Fund	4,061,363.00	4,061,363.00	3,210,108.00
b) On Investment - Others (Interest Receivable on FD) 1/183, 1/179	36,381,571.67	36,381,571.67	11,761,974.67

c) On Loans and Advances			
d) Others (including income due unrealized)			-
<b>7. Other - Current assets receivable from UGC /Sponsored projects :</b>			-
a) Debit balances in Sponsored Projects			
b) Debit balances in sponsored Fellowship & Scholarships	77,065.00		84,964.00
c) Grants receivable			-
d) Grants receivable from UGC			-
<b>8. Other Current Asset:</b>			-
Deferred Revenue Expense			
<b>9. Claims receivable :</b>			-
TDS 1/195			
<b>Total (A)</b>	<b>375,794,240.11</b>		<b>294,656,116.79</b>

**ANNEXURE - 2 ADVANCE TO CPWD**

Sr. no	Nature of work	Gross Advance as on 01.04.2021	Advance released during the FY 2021-22	Gross Advance as on 31.03.2022	Work Completed / Work In Progress	Net Advance as on 31.03.2022
1	Renovation of old A-type residential quarters at SVNIT campus, Surat	11,578,801.00	-	11,578,801.00	11,500,989.00	77,812.00
2	renovation of staff club building at SVNIT campus, surat	9,953,049.00	-	9,953,049.00	9,345,166.00	607,883.00
3	Construction of UG sump and laying of new water supply distribution system for SVNIT campus	48,151,522.00	-	48,151,522.00	33,884,851.00	14,266,671.00
4	Replacement of damaged windows at Bhabha Bhavan in SVNIT	3,999,700.00		3,999,700.00	3,983,128.00	16,572.00
5	Removing and reconstruction of compound wall with fencing behind gajar Bhavan and Tagore Bhawan and near sub station -2 in SVNIT campus	4,929,000.00	-	4,929,000.00	3,584,338.00	1,344,662.00
6	Terrace water proofing and china mosaic work at training and placement section SVNIT campus	1,848,700.00	-	1,848,700.00	1,635,767.00	212,933.00
7	Renovation Upgradation and repairing of student rooms construction of 2 Nos Toilet block and other misc work in Hostel Building ( Old wings of gajar bhavan)at SVNIT		13,900,000.00	13,900,000.00	195,909.00	13,704,091.00
8	Special repair work (Major maintenance work) in tagore Bhavan at SVNIT	31,273,744.00	-	31,273,744.00	30,239,794.00	1,033,950.00
9	Terrace water proofing treatment and Internal / External colour work at Raman Bhavan Hostel building at SVNIT	5,400,000.00	-	5,400,000.00	5,400,000.00	-
10	Development and other misc. work in staff club building at SVNIT	1,200,000.00	-	1,200,000.00	1,200,000.00	-
11	Special repair / renovation of toilet block of hostel building of Bhabha Bhavan at SVNIT	14,300,000.00	-	14,300,000.00	13,191,594.00	1,108,406.00
12	Construction of new Gate (Diamond Jubilee Gate) at SVNIT		1,652,000.00	1,652,000.00	-	1,652,000.00
13	Preparation of layout mapping surveying works for drainage storm water drainage		1,053,000.00	1,053,000.00	-	1,053,000.00
14	Construction of 500 seater boys Hostel under EWS at SVNIT	35,500,000.00	182,759,094.00	218,259,094.00	56,061,669.00	162,197,425.00
15	Construction of new administrative building, two lecture hall complex and 80 Nos.type -III residential quarters at SVNIT		99,302,610.00	99,302,610.00	28,106,113.00	71,196,497.00
16	Renovation including repair and replacement of existing wet riser & sprinkler system fire alarm system & fire extinguisher system in various building at SVNIT	9,983,984.00	-	9,983,984.00	4,646,190.00	5,337,794.00
17	Supply and installation work of existing streetlights at SVNIT	8,587,384.00		8,587,384.00	8,578,559.00	8,825.00
18	Service and maintenance work of 22 KV HT VCB CT & PT HT control panel 22 KV underground cable transformer etc at all Substation and Guest House of SVNIT	2,962,467.00		2,962,467.00	558,586.00	2,403,881.00
19	Repairing of student rooms	7,603,300.00		7,603,300.00	7,603,300.00	-
	<b>Total</b>	<b>197,271,651.00</b>	<b>298,666,704.00</b>	<b>495,938,355.00</b>	<b>219,715,953.00</b>	<b>276,222,402.00</b>

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**

**SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT**

**SCHEDULE 9- ACADEMIC RECEIPTS**

<b>FEES FROM STUDENTS</b>		<i>Amount in Rupees</i>	
		<b>Current Year</b>	<b>Previous Year</b>
<b>Academic</b>			
1.	Tuition fee 1/17	236,816,148.00	245,468,112.00
2.	Admission fee		
	- CCMT M.TECH. ADMISSION		
	- M. SC. 1/323	366,000.00	398,000.00
	- P.G. 1/189	791,000.00	864,000.00
	- U.G. (ONE TIME) 1/188	1,779,000.00	1,734,000.00
	- PH. D. (ONE TIME)	284,000.00	412,000.00
3.	Enrolment fee		
4.	Library Admission fee		
5.	Workshop & Laboratory fee 1/15	40,000.00	
6.	Art & Craft fee		
7.	Registration fee / Institutional fee		
8.	Supplementary Exam fees income 5/88	50,700.00	56,500.00
9.	Syllabus fee		
10.	College Fees 1/16		
11.	P.G. Course Fees 1/202, 1/321, 1/322	38,117,333.00	21,205,750.00
12.	Other Fees P.G. / U.G. 1/186, 1/187	17,049,720.00	10,739,287.00
13.	Other Fees P.H.D 1/284	3,825,000.00	3,324,000.00
14.	Tuition Fees (PHD) 1/270	10,812,600.00	10,177,500.00
15.	Tuition Fees P.D.C. 1/18		35,000.00
16.	Tuition Fees P.G. 1/203	43,680,000.00	38,009,740.00
17.	Fees collected at CCB Delhi 1/164		
18.	Counselling Fees JOSAA/CSAB-2021-22 (Forfeited Amt.)	1,861,250.00	
	<b>Total (A)</b>	<b>355,472,751.00</b>	<b>332,423,889.00</b>

<b>Examinations</b>			
1. Admission test fee	-	-	-
2. Annual Examination fee	-	-	-
3. Mark sheet, certificate fee	-	-	-
4. Entrance Examination fee	-	-	-
<b>Total (B)</b>	-	-	-
<b>Others Fees</b>			
1. Identity card fee 1/20	75.00	75.00	75.00
2. Fine/Miscellaneous fee 1/24, 1/33	72,309.00	72,309.00	46,151.00
3. Medical fee	-	-	-
4. Transportation fee	-	-	-
5. Hostel fee - Light & Water charges	-	-	-
6. Migration fee 1/43	17,640.00	17,640.00	10,800.00
7. Library Fees 1/19	-	-	-
8. Late Fees 1/21	685,500.00	685,500.00	1,400.00
9. Duplicate Fees 1/23	50,070.00	50,070.00	27,730.00
10. Convocation Fees 5/94	3,292,500.00	3,292,500.00	1,684,718.00
11. Sale of Forms for Recruitment (1/27)	-	-	-
12. Hostel student activity (Inst. Component)	222,468.00	222,468.00	1,414,300.00
13. Hostel Caution Money (Inst. Component)	-	-	3,560,000.00
14. Hostel Electricity Fee (Inst. Component)	11,549,101.00	11,549,101.00	3,956,000.00
15. Hostel Seat Rent (Inst. Component)	8,693,800.00	8,693,800.00	6,586,488.00
16. Hostel Admission Fees	1,411,500.00	1,411,500.00	-
17. Transfer Fees 1/29	3,840.00	3,840.00	720.00
<b>Total (C)</b>	<b>25,998,803.00</b>	<b>25,998,803.00</b>	<b>17,288,382.00</b>
<b>Sale of Publications</b>			
1. Sale of Admission forms - M.Tech. Rec. 5/98, 5/93	26,000.00	26,000.00	18,000.00
2. Sale of syllabus and question paper, etc.	-	-	-
3. Sale of prospectus including admission forms 1/27 (ESTT.)	-	-	-
<b>Total (D)</b>	<b>26,000.00</b>	<b>26,000.00</b>	<b>18,000.00</b>
<b>Other Academic Receipts</b>			
1. Registration fee for workshops, programmes	-	-	-
2. Registration fee (Academic Staff College)	-	-	-
<b>Total (E)</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Total (A+B+C+D+E)</b>	<b>381,497,554.00</b>	<b>381,497,554.00</b>	<b>349,730,271.00</b>

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)**

Particulars	MOE		Current Year		CURRENT YEAR TOTAL (A+B)	CAPITAL GRANT (OH-35)	Previous Year		Total Balance
	CAPITAL GRANT (OH-35)		REVENUE GRANT (OH-31+ OH-36) (B)				REVENUE GRANT (OH-31+ OH-36)		
Balance B/F	397,591,604.15		-272,584,446.51		125,007,157.64	379,994,617.15	25,282,160.81		405,276,777.96
Add: Receipts during the year	100,000,000.00		1,458,231,434.00		1,558,231,434.00	139,175,000.00	1,376,760,000.00		1,515,935,000.00
Add: IRG during the year					-	-	-		-
Add: Other Additions (Note 1)			272,584,446.51		272,584,446.51				-
<b>Total</b>	497,591,604.15		1,458,231,434.00		1,955,823,038.15	519,169,617.15	1,402,042,161.81		1,921,211,778.96
Less: Refund to Ministry/ Grant Lapse		-	146,487,442.00		146,487,442.00				-
Balance	497,591,604.15		1,311,743,992.00		1,809,335,596.15	519,169,617.15	1,402,042,161.81		1,921,211,778.96
Less: Utilized for Capital expenditure (A)	309,571,681.00		-		309,571,681.00	121,578,013.00	-		121,578,013.00
<b>Balance</b>	188,019,923.15		1,311,743,992.00		1,499,763,915.15	397,591,604.15	1,402,042,161.81		1,799,633,765.96
Less: Utilized for Revenue expenditure (B)		-	1,311,743,992.00		1,311,743,992.00		1,674,626,608.32		1,674,626,608.32
<b>Balance C/F</b>	<b>188,019,923.15</b>		-		<b>188,019,923.15</b>	<b>397,591,604.15</b>	<b>-272,584,446.51</b>		<b>125,007,157.64</b>

Note 1 : In FY 2020-21 Institute has shown amount of Rs. 27.26 Crores to be received from Ministry towards provision of gratuity & leave encashment but the said amount is not receivable from Ministry hence it is reversed in FY 2021-22

**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		Previous Year	
	Current Year	Previous Year	Current Year	Previous Year		
1 Interest						
a. On Government Securities	-	-	-	-	-	-
b. Other Bonds/Debentures	-	-	-	-	-	-
2 Interest on Term Deposits	4,912,516.00	-	37,200,777.00	24,097,586.00		
3 Income accrued but not due on Term Deposits/Interest bearing advance to employees	-	-	-	-	-	-
4 Interest on Savings Bank Accounts	286,636.00	-	-	-	-	-
5 Others (Specify)	-	-	-	-	-	-
<b>Total</b>	<b>5,199,152.00</b>	<b>-</b>	<b>37,200,777.00</b>	<b>24,097,586.00</b>		
<b>Transferred to Earmarked/Endowment Funds</b>	<b>5,199,152.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Balance</b>	<b>Nil</b>	<b>Nil</b>	<b>37,200,777.00</b>	<b>24,097,586.00</b>		



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

**SCHEDULE 12: INTEREST EARNED**

Particulars	Amount in Rupees	
	Current Year	Previous Year
1 On Savings Accounts with scheduled banks (A) (1/44, 1/45, 1/46, 1/49, 1/336, 1/344, 1/345, 1/346, 1/347) Others (B)	2,349,050.00	2,480,472.00
2 On Loans		
a. Employees/Staff	-	-
b. Others	-	-
3 On Debtors and Other Receivables	-	-
<b>Total (C)</b>	-	-
<b>Total (D)</b>	-	-
<b>Grand Total (A+B+C+D)</b>	<b>2,349,050.00</b>	<b>2,480,472.00</b>

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**

**SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT**

**SCHEDULE 13- OTHER INCOME**

A. Income from Land & Buildings	Amount in Rupees	
	Current Year	Previous Year
1. Hostel room Rent 1/7, 1/5	18,059,044.00	11,576,624.00
2. Staff Quarter Rent 1/6	3,731,744.00	1,904,754.00
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
8. Rent Inst. Of Engg. S.G. Centre	51.00	51.00
9. License fee	-	-
10. Hire Charges of Auditorium/Play ground/Convention Centre, Shop etc.	200,888.00	-
11. Guest House Rent 1/391	3,393,337.00	2,594,789.00
12. Electricity charges recovered	4,035,758.00	-
13. Light & Water charges recovered	311,695.00	-
14. IIIT Surat towards Infrastructure	5,000,000.00	5,000,000.00
15. Accommodation Day Scholar various Hostel	114,260.00	264,950.00
<b>Total</b>	<b>35,927,953.00</b>	<b>22,726,094.00</b>

<b>B. Sale of Institute's Publications</b>			
<b>C. Income from holding events</b>			
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)		-	-
<b>D. Others</b>			
<b>Total</b>			
1. Income from consultancy - Misc Receipt R & C	31,447,496.01		3,374,852.62
2. RTI Fees 1/159	988.00		992.00
3. Income from Royalty			
4. Sale of application form (recruitment) - - Sale of Est. Application Forms 1/27			
	417,000.00		3,000.00
5. Misc. receipts - Sale of Grass, leaves & papers 1/26	196,168.00		113,213.00
6. Profit on sale/disposal of Assets			
a) Owned assets			
b) assets received free of cost			
7. Sale proceeds of scrap	124,739.00		
8. Others (specify)			
a) Misc. Receipts 1/33	109,560.03		293,705.00
b) Tender Fees 1/28	12,500.00		49,400.00
c) Interest on Income Tax Refund	3,536,500.62		
d) Late delivery	23,263.00		149,713.00

e) Interest on LTC	-	7,330.00
f) Penalty charged from service provider	-	5,000.00
g) Leave Salary Contribution Recd	661,618.00	-
h) Pension Contribution Recd	1,681,295.00	-
i) Recd from JP Mandawra ( Contribution for Gratuity)	268,464.00	-
j) SD Retained Against O/s Dues of students	143,327.00	-
<b>Grand Total (A+B+C+D)</b>	<b>Total</b>	<b>3,997,205.62</b>
		<b>26,723,299.62</b>

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	19,500.00	120,844,336.89
2. Income from Investments		-
3. Interest earned		-
4. Other Income	107,246.00	21,792,062.20
<b>Total</b>	<b>126,746.00</b>	<b>142,636,399.09</b>

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

**SCHEDULE 15 - STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)**

Particulars	(Amount in Rupees)	
	Current Year	Previous Year
	Revenue Expenditure	Revenue Expenditure
<b>A) Salaries and Wages</b>		
i) Pay of Officer (U.G.) 1/51	313,713,929.00	282,675,212.00
ii) Pay of Establishment (U.G.) 1/64	47,376,389.00	27,703,883.00
iii) Salary payable of March month	-	39,519,643.00
iv) Overload Remuneration 1/62	-	43,000.00
v) Provisional Subsistence Allowance 1/384	-	2,448,163.00
vi) Recovery of Employees		
vii) Temporary Staff Wages (Daily rated) 1/146	38,124,243.00	-
viii) Salary of Contractual Employees 1/402	39,553,667.00	36,759,053.00
ix) Employees Training	64,168.00	42,172,196.00
<b>B) Allowances &amp; Bonus</b>		
i) Bonus		
ii) Allowances to Officer (U.G.)		
1. DA 1/52	111,913,795.00	-
2. HRA 1/54	34,472,254.00	64,284,266.00
3. CLA 1/55		27,371,711.00
4. Medical Allowances 1/56		-
5. Transport Allowances 1/57		-
6. Non Practice Allowances 1/59	26,294,267.00	18,981,126.00
iii) Allowances to Establishment Staff (U.G.)	541,980.00	167,760.00
1. DA 1/65	13,252,058.00	-
		5,106,267.00

2. HRA 1/67		4,353,607.00	2,658,287.00
3. Transport Allowances 1/70		5,023,063.00	2,967,286.00
4. Washing Allowances			
iv) Payment to Teaching Assistant /Visiting Faculty 1/417		22,544,773.00	27,459,669.00
v) Payment of Arrears (Group A Non Teaching, Group B & C) 1/150, 1/151, 1/152		876,471.00	5,732,023.00
vi) Payment to Adjunct Professors (1/423)		2,050,526.00	
vii) Professional Dev. Allowance 1/359		4,724,560.00	17,133,631.00
<b>C) Contribution to Contributory Provident Fund 1/74</b>			
<b>D) Contribution to Other Fund</b>			
i) NPS Contribution 1/192, 1/153		42,659,744.00	31,801,766.00
<b>E) Staff Welfare Expenses 1/331</b>			
<b>F) Retirement and Terminal Benefits</b>			
i) Death cum Retirement Gratuity 1/79		19,082,530.00	183,945,753.00
ii) Pension 1/77		119,094,298.00	105,396,145.00
iii) Commuted Pension 1/78		6,636,561.00	22,200,359.00
iv) Leave Encashment (Class 3 & 4 & Officer) 1/81, 1/82, 1/80		42,349,484.00	237,568,198.00
v) Leave Salary Contribution U.G. 1/76		159,126.00	646,075.00
vi) TA on Retirement		194,670.00	188,361.00
vii) Pension Contribution U.G.		272,817.00	1,066,849.00
<b>G) LTC facility</b>			
i) Leave Travel Concession 1/91		1,170,408.00	14,796,247.00
<b>H) Medical facility</b>			
i) Medical Reimbursement 1/114		10,618,285.00	7,635,833.00
<b>i) Children Education Allowances</b>		4,131,000.00	4,216,500.00
<b>j) Honorarium</b>			
- For Internal Staff 1/58		1,849,082.00	1,324,833.00
- For evaluation of PhD. Thesis 1/362		1,091,482.00	995,323.14
- For Civil Advisor		1,200,000.00	1,300,000.00

- For Visiting Doctors	2,078,000.00	800,903.00
- For Expert Member	1,348,500.00	
- For Advisor Electrical Work	1,300,000.00	
<b>k) Others :</b>		
i) Reimbursement of Telephone Exp/ Data Card	1,661,868.00	-
<b>Total</b>	<b>921,777,605.00</b>	<b>1,217,066,321.14</b>



**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 01.04.2021	-	169,321,269.00	215,553,277.00	-	-
Addition : Capitalized value of Contributions received from other Organisations	-	-	-	-	-
<b>Total (a)</b>	-	169,321,269.00	215,553,277.00	-	-
Less : Actual payment during the year (b)	-	7,797,533.00	7,134,680.00	-	-
Balance Available on 31.03.2022..... c (a-b)	-	161,523,736.00	208,418,597.00	-	-
Provision required on 31.03.2022..... As per Actuarial Valuation (d)	-	180,398,393.00	250,406,643.00	-	-
<b>A. Provision to be made in the Current Year (d-c)</b>	-	18,874,657.00	41,988,046.00	-	-
<b>B. Contribution to New Pension Scheme</b>	-	-	-	-	-
<b>C. Medical Reimbursement to Retired Employees</b>	-	-	-	-	-
<b>D. Travel to Hometwon on Retirement</b>	-	-	-	-	-
<b>E. Deposit Linked Insuerance Paymenty</b>	-	-	-	-	-
<b>Total (A+B+C+D+E)</b>	-	-	-	-	-

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	Amount in Rupees	
	Current Year	Previous Year
a) Laboratories expenses		
b) Field work/Conference Programme Income	172,351.00	2,000.00
c) Expenses on Seminars/workshops 1/132	119,906.00	100,783.00
d) Payment to visiting faculty		
e) Examination		
f) Students Welfare expenses - Student Internship		
g) Admission expenses - Ph.d.		
h) Convocation expenses	700,332.00	
i) Publications		
j) Stipend/Means-cum-Merit Scholarship		
k) Subscription expenses (library Operating Cost) 1/156	16,469,500.00	14,065,403.00
l) Contingency/Scholarship to P.G. Course (M.Tech & Ph.D.) (Note 1)	250,013,899.00	211,808,932.00
<b>Total</b>	<b>267,475,988.00</b>	<b>225,977,118.00</b>

**Note No. 1**

Contingency/Scholarship to P.G. Course (M.Tech & Ph.D.)	Amount in Rupees	
	Current Year	Previous Year
Environment Engg.1/249	49,841	
Turbo Engg.1/252	148,136	21,685
Structure Engg.1/256	69,338	5,000
Mech. General1/265	78,022	
Soil Mech.& Found Engg.1/268	64,275	-15,482
M.Tech. Chemical1/290	12,545	-2,698

M. Tech. Industrial Electro.1/293	39,154	18,980
M. Tech. Communication1/299	17,380	23,595
Urban Planning - Contingency1/274	48,041	-17,945
M. Tech. Water Res. Engg.1/296	45,550	
M. Tech. (Thermal System Design)1/365	149,424	22,436
M. Tech. (Transportation Engg. & Planning)1/366	19,211	
M. Tech. (CAD/CAM)1/367	49,870	8,630
M. Tech. (Power System)1/373	25,386	-23,655
M. Tech. (VLSI & Embedded System)1/375	13,741	-9,540
M. Tech. Construction Tech & Management1/414	95,002	
M. Tech. Instrument & Control1/420	27,112	
M. Tech. Mfg. (Contingency)1/378	109,833	15,704
M. Tech. Environment Fellowship1/248	5,708,526	5,464,394
Turbo Engg. Scholarship1/251	4,397,676	4,466,075
Structure Engg. Scholarship1/255	6,052,805	4,908,927
Mech. General1/264	4,914,634	4,770,073
Soil Mech. & Found. Engg.1/267	5,946,421	5,193,994
Urban Planning - Scholarship1/273	5,262,873	4,991,034
M. Tech. Chemical Engg.1/289	2,168,680	2,421,863
M. Tech. Industrial Electronics1/292	5,619,112	5,315,192
M. Tech. (Water Res. Engg.)1/295	4,972,448	5,537,460
M. Tech. (Communication System)1/298	3,653,767	3,768,928
M. Tech. (Computer Engg.)1/301	3,307,932	3,385,567
M. Tech. (Thermal System Design)1/340	5,272,127	4,935,460
M. Tech. (Transportation Engg. & Planning)1/348	5,947,992	5,150,307
M. Tech. (CAD/CAM)1/364	4,881,955	4,843,993
M. Tech. (Power System)1/372	5,745,207	5,249,859
M. Tech. (VLSI & Embedded System)1/374	3,524,697	2,999,993
M. Tech. Mfg. (Scholarship)1/377	4,932,942	4,673,193
Ph.D. All Department1/285	6,823,329	3,006,659
Scholarship to Ph.D. Research Course1/280	150,621,246	127,209,264
Scholarship M. Tech (Construction Technology & Man) 1/370	5,203,965	1,696,794
Scholarship M. Tech (Instrumentation & Control)1/379	3,993,704	1,773,193
<b>Total</b>	<b>250,013,899</b>	<b>211,808,932.00</b>

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

**SCHEDULE 17 - ADMINISTRATIVE AND GENERAL EXPENSES**

	Amount in Rupees	
	Current Year	Previous Year
	Revenue Expenditure	Revenue Expenditure
<b>A. Infrastructure</b>		
a) Electricity 1/157	36,386,264.00	19,143,761.00
b) Water Charges 1/108	9,261,972.00	6,937,891.00
c) Insurance		-
d) Rent, Rates Taxes (including Property Tax) 1/109	5,248,346.00	5,286,317.00
<b>B. Communication</b>		
e) Postage and Stationery 1/113	143,390.00	118,653.00
f) Telephone, Fax and Internet Charges 1/335, 1/112	3,368,351.00	4,510,914.00
<b>C. Others</b>		
g) Printing and Stationery 1/110	1,470,124.00	1,046,403.00
h) Travelling and Conveyance Expenses 1/83, 1/84, 1/85, 1/141, 1/136	1,403,918.00	3,070,570.00
i) Hospitality		-
j) Auditors Remuneration 1/116	888,260.00	295,000.00
k) Professional Charges - Legal fee 1/117	2,196,468.00	1,413,000.00
l) Advertisement 1/111	216,906.00	1,372,099.00
m) Magazines & Journals - News paper		-
n) GST Penalty		-
o) Departmental Operating Cost ( <b>Refer Note 1</b> )	2,203,484.00	1,771,567.00
p) Misc. Contingencies 1/148	2,085,878.70	1,291,017.00
q) FD Premature Charges		70,051.03
r) Entertainment & Refreshment Expense 1/131	1,049,428.00	526,016.00
s) Physical Educ. & Gymkhana 1/398, 1/135	188,245.00	72,305.00
t) Security Service Charges 1/138	37,995,687.00	43,380,038.00
u) Rent Paid NIT Transit House		350,000.00

v) NCC & NSS Activity 1/134		132,823.00	85,542.00
w) Interest Penalty of Delay Deposit of Income Tax & TDS 1/358			
x) Late Payment Interest on GST & TDS			4,276.00
y) Patent Attorney Fee 1/380			-
z) IGNIS 2018 Exp.			-
aa) Lubricant Inst. Transport system 1/359			-
ab) Misc. Exp. Inst. Transport System 1/396			-
ac) Rent of Ambulance			-
ad) Round Off Exp.			-
ae) CPDA Project Fund (H.B. Naik)			-
af) Centage Charges 2/120			-
ag) Housekeeping & Sanitation Charges 1/401	24,328,685.00		30,358,156.00
ah) Medicine & Dispensary expenses 1/115	416,111.00		487,399.00
ai) Institutional Overhead Charges			-
aj) Provisional Expense (Security, Housekeeping, Internet)			-
ak) Accrediation Fee 2/199	236,000.00		177,000.00
al) Ek Bharat Shreshtha Bharat (EBSB) 1/415	11,700.00		
am) TA to Candidates	51,610.00		46,904.00
an) Other Expenses			-
ao) Disount R&C			1,227.18
ap) GST Expense R&C	100.00		95,813.47
aq) Medical Fund Expense			354,000.00
ar) Travel Grant Expense			471,655.00
as) Patent Attorney Fee			213,320.00
at) Bank charges	744,638.74		437,079.51
au) Contribution for Seminars/conferences (Diamond Jubilee)	96,872.00		
av) Departmental consumables (Seed Money)	1,427,053.00		
aw) Contribution to ASHINE	2,000,000.00		
ax) Operating maintenance expense (Narmad Bhavan )	1,468,522.07		
ay) Misc Exp	49,250.00		
<b>TOTAL</b>	<b>135,070,086.51</b>		<b>123,387,974.19</b>

Note No 1 :	Departmental Operating Cost UG	
	Current Year	Previous Year
	Revenue Expenditure	Revenue Expenditure
<b><u>Departmental Operating Cost UG</u></b>		
Civil 1/96	240,158.00	58,279.00
Electrical Engg. Deptt. 1/98	20,626.00	42,153.00
Electronic Engg Deptt. 1/99	146,734.00	150,363.00
Computer Center 1/100	21,881.00	28,055.00
Mechanical Engg. Deptt. 1/101	250,684.00	245,977.00
Work shop 1/102	259,868.00	97,203.00
Physics 1/103	71,510.00	71,064.00
Chemistry 1/104	99,883.00	88,167.00
Maths 1/105	92,254.00	50,629.00
Chemicals 1/106	92,787.00	125,086.00
Computer Deptt. 1/107	49,462.00	147,932.00
T & P 1/283	48,777.00	31,418.00
<b><u>Departmental Operating Cost PG</u></b>		
Mechanical Engg. Deptt. 1/324	251,160.00	195,264.00
Electrical Engg. Deptt. 1/325	30,118.00	48,826.00
Computer Engg. Deptt. 1/326	-	19,984.00
Electronic Engg. Deptt. 1/327	50,295.00	49,981.00
CIVIL 1/329	240,128.00	145,583.00
Chemicals 1/330	45,177.00	15,062.00
Applied Physics Deptt. 1/332	92,011.00	60,544.00
M. Sc. (Chemistry) 1/333	99,971.00	99,997.00
<b>TOTAL</b>	<b>2,203,484.00</b>	<b>1,771,567.00</b>

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

**SCHEDULE 18 - TRANSPORTATION EXPENSES**

Particulars	Current Year			Previous Year			Total
	Capital Expenditure	Revenue Expenditure	Total	Capital Expenditure	Revenue Expenditure	Total	
1. Vehicles (owned by Institution)	-	-	-	-	-	-	-
a) Running Expenses	-	272,500.00	272,500.00	-	20,000.00	20,000.00	20,000.00
b) Repairs & Maintenance	-	107,598.00	107,598.00	-	135,274.00	135,274.00	135,274.00
c) Insurance Expenses	-	127,851.00	127,851.00	-	127,986.00	127,986.00	127,986.00
2. Vehicles taken by Rent/Lease	-	-	-	-	-	-	-
a) Rent/Lease Expenses	-	-	-	-	-	-	-
3. Vehicle (Taxi) hiring Expenses	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>507,949.00</b>	<b>507,949.00</b>	<b>-</b>	<b>283,260.00</b>	<b>283,260.00</b>	<b>283,260.00</b>

*Amount in Rupees*

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

**SCHEDULE 19 - REPAIRS & MAINTENANCE**

Particulars	<i>Amount in Rupees</i>	
	Current Year	Previous Year
	Revenue Expenditure	Revenue Expenditure
a) Buildings 1/92	76,171,859.00	11,866,364.00
b) Furniture & Fixtures 1/124	605,300.00	373,483.00
c) Plant & Machinery		-
d) Office Machine 1/127	5,269,058.00	4,494,204.00
e) Computers 1/122	9,645,303.00	8,721,993.00
f) Laboratory & Scientific Equipment		-
g) Audio Visual Equipment		-
h) Cleaning Materials & Casual work		-
i) Book Binding Charges		-
j) Gardening 1/128	1,431,383.00	1,158,332.00
k) Estate Maintenance (Electrical)		-
l) Air Conditioner 1/123	3,136,195.00	2,029,638.00
m) D G Set 1/126	2,927,781.00	812,456.00
n) Water Supply & Drainage 1/95	3,464,345.00	2,432,026.00
o) Gas & Pipe Line 1/129	188,388.00	46,080.00
p) Vehicle 1/119, 1/120		
q) Maintenance charges of SVP Bhavan Guest House 1/392	2,831,530.00	4,497,216.00
r) Electric & Telephone 1/125	28,782,245.00	11,209,019.00
s) M & R Roads		50,026.00
<b>TOTAL</b>	<b>134,453,387.00</b>	<b>47,690,837.00</b>



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

**SCHEDULE 20 - FINANCE COSTS**

*Amount in Rupees*

Particulars	Current Year			Previous Year		
	Capital Expenditure	Revenue Expenditure	Total	Capital Expenditure	Revenue Expenditure	Total
a) Bank Charges	-	-	-	-	-	-
b) Others	-	-	-	-	-	-
Interest on HEFA Loan		3,663,201.00	3,663,201.00			
Stamp Duty on Execution of HEFA Agreement		1,001,630.00	1,001,630.00			
<b>TOTAL</b>	-	<b>4,664,831.00</b>	<b>4,664,831.00</b>	-	-	-

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		
	Capital Expenditure	Revenue Expenditure	Total	Capital Expenditure	Revenue Expenditure	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	-	-	-	-	-	-
<b>TOTAL</b>		-	-		-	-

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	Amount in Rupees					
	Current Year			Previous Year		
	Capital Expenditure	Revenue Expenditure	Total	Capital Expenditure	Revenue Expenditure	Total
1) Establishment Expenses	-			-	1,482,528.00	1,482,528.00
2) Academic Expenses	-			-	1,141,827.43	1,141,827.43
3) Administrative Expenses	-			-	3,787,290.30	3,787,290.30
4) Transportation Expenses	-			-	-	-
5) Repair & Maintenance	-			-	-	-
6) Others	-	3,267,494.78	3,267,494.78	-	53,809,452.26	53,809,452.26
<b>TOTAL</b>	-	<b>3,267,494.78</b>	<b>3,267,494.78</b>	-	<b>60,221,097.99</b>	<b>60,221,097.99</b>

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-7**

**SCHEDULE-23**

**SIGNIFICANT ACCOUNTING POLICY (F.Y.2021-22)**

**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 letting out of Building and other properties etc., are accounted on accrual basis.

**3. FIXED ASSETS AND DEPRECIATION**

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 with the Institute are set up by credit to Capital Fund and merged with the Fixed Assets of the Institute. Such Assets are separately disclosed in "Notes to Accounts" and same has been shown in schedule-4B of balance sheet.

3.4 During the year, Institute has purchased an equipment worth Rs. 3,84,613/- out of 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. 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.2021-22 depreciation is provided as per MoE rates as under: -

<b>Tangible Assets</b>		
<b>Sr. No.</b>	<b>Type of Assets</b>	<b>Percentage</b>
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
<b>Intangible Assets (Amortization)</b>		
1	E-Journals	40
2	Computer Software	40
3	Patents & Copyrights	9 Years

As the date of acquisition of old assets were not available, fixed assets value as on 1<sup>st</sup> April, 2017 has been considered for the purpose of depreciation and deprecation has been provided as per MOE Rates.

**Note:** Institute has started charging of depreciation on Equipment as per MoE 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 the depreciation was charged on a blanket rate of 8% on the equipment acquired prior to 01.04.2020, treating the same as Scientific and Laboratory Equipment. The Institute has segregated the equipment purchased on or after 01.04.2020 into different categories of equipment as per MoE Guidelines.

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

3.8 As per the MoE Guidelines, Depreciation on E-Journals/ E-books has to be charged @40% p.a. on Straight Line Method Basis, however excess depreciation has been charged Rs.41,39,613 and Rs. 1,41,96,044 in F.Y. 2019-20 and F.Y 2020-21 respectively. The total excess amount of depreciation of Rs. 1,83,35,657 has been reduced from current year depreciation to derive the correct value of Net Block of E-Journals/ E-books.

#### 4. STOCKS:

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

#### 5 RETIREMENT BENEFITS:

Retirement benefits (i.e. Gratuity, leave encashment) have been ascertained by the actuaries and Provision of Rs.18,03,98,39/- for Gratuity & Provision of Rs. 25,04,06,643/- for Leave Encashment as per Actuaries valuation report as on 31.03.2022. The Institute is yet to take appropriate policy for the provisional amount.

#### 6. INVESTMENTS:

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

## **7. EARMARKED/ENDOWMENT FUNDS:**

Director Discretionary fund, Department Development Fund, Medal & Scholarship Fund, Alumni Fund and Staff Development Fund are shown 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 of the respective funds is carried forward and is represented on the assets side at bank balance, Investments and accrued interest.

- 7.1 The income from investments from 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 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.

## **8. GOVERNMENT GRANTS (MOE)**

- 8.1 Government Grants are accounted on realization 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.10.00 Crores for Capital Expenditure (OH-35).

- 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. 2021-22, Institute has received Rs. 66.20 Crores under OH-31 and Rs. 79.62 Crores under OH-36, however amount of Rs. 0.19 Crores under OH-31 and Rs. 14.46 Crores under OH-36 was unutilized and got lapsed on 31.03.2022.

The grant received under OH-31 includes Rs. 18.16 Lakhs as Interest towards HEFA Loan for the period Oct'21 to Dec' 21. The Institute has recognized the interest expense for the period Jan' 22 to March' 22 on accrual basis amounting to Rs. 18.57 Lakhs. and the sanction of grant related to interest has not been received till 31.03.2022. The same has been received in next Financial Year and correspondingly accounted in the books of accounts.

## **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. Interest received,

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 shown under the head "Current Liabilities "(sponsored projects).

10.2 Junior Research Fellowships (JRF & SRF), Fellowships and Scholarship are also sponsored by various organizations. These are accounted in the same way as sponsored project.

**11. 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.

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-7**

**SCHEDULE-24**

**CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS (F.Y.2021-22)**

**A. 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 EPF amounting to Rs. 1,48,62,963/- was paid by the Institute on 19.09.2014 vide order No.GJ/RO/SRT/13323/COMPLAIN/8F/1371 DT.18.09.2014 to PF Commissioner, Surat against a disputed matter at Honorable Court.

**B. NOTES TO ACCOUNTS**

**2. FIXED ASSETS**

- 2.1 The Addition of fixed assets during the year in Schedule 4 includes Assets purchased out of grant under OH-35 for Rs. 10.95 Crores. Further, the works completed by CPWD against deposit works to the value of Rs. 14.37 Crores has been accounted under Capital Work in Progress.
- 2.2 Assets purchased out of closed Sponsored Projects amounting to Rs. 0.38 Crores and from Department Development Fund amounting to Rs.0.04 Crores has been added in Fixed Assets and separately disclosed in Schedule 4B.
- 2.3 The schedule 4 of Fixed Assets does not include assets purchased out of ongoing sponsored projects funds during the year amounting to Rs.0.47 crores whereas the same has been shown under Schedule 3A.

**3. DEPOSIT LIABILITIES**

- 3.1 The deposits from Students and from various vendors has been shown under the head Current Liabilities.

**4. EXPENDITURE IN FOREIGN CURRENCY:**

During the year, Rs. 10.91 Lakhs paid on account of Honorarium for Evaluation of PH.D., and Rs. 369.83 Lakhs towards Library Operating Cost and purchase of E- Journals.

**5. CURRENT ASSETS, LOANS, ADVANCES AND DEPOSITS**



- a. In the opinion of the management, the current assets, loans and deposits have a value on realization in the ordinary course, equal at least to the aggregate amount shown in the balance sheet.
- b. The details of balance in saving bank account and fixed deposit account are shown under schedule "7(A)".
- c. Schedule 1 to 24 are annexed to and form integral part of the balance sheet at 31<sup>st</sup> March, 2022 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 those 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.

**6. HEFA LOAN**

The Institute has entered into an MoU with Higher Education Financing Agency (HEFA) for Construction of new Administrative Building, two lecture halls and 80 no.(s) Type-III residential quarters. The HEFA has sanctioned a loan Rs.99.30 crores for Phase – I as detailed below:

**Rs. in crores**

Phase	Loan Scheme	Sanctioned Loan Amount	Released Loan Amount	Repayment of Loan principle through IRG	Loan Balance
Phase - I	Window - I	99.30	9.93	-	9.93

\* Window-I: 100% principle repayment will be paid by the Institute from IRG and the interest portion out of grant. The HEFA Loan balance of Rs.9.93 crores as on 31.03.2022 is shown under Secured Loan.

For availing HEFA Loan, the Institute is operating 4 Escrow Account as follows:-

Account Number	Name of Escrow Account	Name of Bank
Escrow Account No. 1	Online Fees Account	State Bank of India

	(A/C no.33118355913)	
Escrow Account No. 2	Grant Receivable Account (A/C no. 10023050019)	State Bank of India
Escrow Account No. 3	Principal Repayment Account (A/C no. 0277101029601)	Canara Bank
Escrow Account No. 4	Interest Repayment Account (A/C no. 0277101029603)	Canara Bank

The funding Agency has created charge on the following assets of the Institute to the extent of the Loan Amount/ Outstanding dues.

1. Fees Receivable Account
2. Grant Receivable Account
3. Escrow Bank 3 Receivables Account

#### 7. CAPITAL COMMITMENTS

Estimated value of contracts to be executed by CPWD towards capital expenditure and repair and maintenance of Building is Rs. 152.47 Crores as on 31.03.2022, out of which Rs. 40.32 Crores paid as advance to CPWD, Vadodara.

#### 8. TUTION FEES:

Tuition Fees is collected on semester basis and accounted as per receipt 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) The capital expenditure during the year includes advances given to CPWD along with the new assets acquired out of fund from OH-35.
- c) In the FY 2020-21 Institute has shown amount of Rs. 27.26 Crores to be received from Ministry of Education towards provision of gratuity & leave encashment since the said amount is not receivable from the Ministry hence was reversed back during FY 2021-22.
- d) The expenditure incurred towards repair & maintenance of Rs.7.68 crores by CPWD which was shown as advances has been booked expenditure as per Form-6F.
- e) 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 and has not been paid till year ended.
- f) Interest on Fixed Deposit is taken as per the details provided by the bank
- g) TDS receivable for F.Y.2021-22 of Institute is yet to be reconciled with 26AS.

- h) The Physical Verification of Fixed Assets is under process for the year F.Y 2021-2022.
- i) Sundry Debtors amounting to Rs. 2.17 Crores are outstanding for more than 365 days as on 31.03.2022.
- j) During this year, Institute has transferred Rs.1,89,12,000/- to Corpus Fund out of the fees collected in F.Y. 2021-22. The interest from Fixed Deposits and Interest on Saving Account of Corpus Fund is Rs. 2,11,19,706/- transferred to corpus fund. Further, Rs. 5,27,184/- also transferred to Corpus Fund from CCE Accounts.
- k) During the year, Institute has transferred Rs. 28,58,00,000/- to Corpus Fund and Rs. 28,59,56,090/- to General Reserve from savings of IRG of previous years.
- l) During the year, amount of Rs. 26.73 Lakh has been paid to the Director of the Institute Prof. Shailesh R Gandhi (Key Managerial Personnel) for the period 01.04.2021 to 23.10.2021 for Pay, Allowances and other benefits.
- m) During the financial year, internal reconciliation was carried out between Research and Consultancy Division and Institute Consolidated Account. As a result, Rs. 4,39,21,754/- is due to be paid to Research and Consultancy Division. The net effect of reconciliation has been provided in books of accounts.
- n) The old entries lying in Balance Sheet is pending since long which has been transferred to Prior Period Income/ Expenditure as detailed below:-

Sr. No.	Particulars	Amount (Rs.)	Transferred to Account
1.	Sundry Creditors	1,00,421.00	Prior period Income
2.	NPS Employer Contribution	6,825.00	
3.	Sale of Admission Forms	19,500.00	

- o) Institute has created a Building Fund of the value of 4,96,51,305/- which is proportionate to the amount which is payable towards the Principal Amount of HEFA Loan. The said amount will be paid from Retained Earnings.
- p) The interest of Rs. 10.95 Lakh earned on Fixed Deposit and saving account created out of Alumni Fund have been booked and accounted in the same fund.
- q) During the year, the institute has booked various unidentified entries under the head Misc. Receipt (Liability) as the amount got deposited in Bank account but the actual source of entry is unavailable with the Institute. The current outstanding balance is Rs. 29,72,354.44/-
- r) An Anchor Cell was established in the Institute in F.Y 2007-08 which was created to take various initiatives in creating readily employable and industry responsive manpower across

- the state through training and skill development programs. Fixed deposits of Rs.57.47 lakhs were created out of funds in Anchor Cell. The said fixed deposits has been accounted in Institute books in the current F.Y 2021-22
- s) During the year, Institute has merged the accounts of Centre for Continuing Education (CCE) and accounts of Hostel Division with Institute records during the year.
- t) Institute has received Rs. 50.00 Lakhs during the year from IIIT, Surat towards part of infrastructure sharing fees. However, Institute does not have the details of actual amount to be received from IIIT, Surat. The infrastructure sharing fees from NIFT (National Institute of Fashion Technology) has not been accounted in books in F.Y 2021-2022. Further, rent from State Bank of India has not been received by the Institute.
- u) The Institute has built the Incubation Centre (ASHINE) by renovating the Old Library Building at SVNIT Campus at cost of Rs. 1,97,35,612/-, out of which Rs. Rs. 1,19,60,650/- incurred by SVNIT and balance amount by ASHINE as per Item no. 12 of 64<sup>th</sup> Meeting of Building and Works Committee meeting held on 29<sup>th</sup> March, 2019.

B.P. Sibasankar  
15.06.2022  
B.P. Sibasankar  
Asst. Registrar

Dr. Pramod Mathur  
15/6/2022  
Dr. Pramod Mathur  
Registrar

Prof. R.V. Rao  
15.6.22  
Prof. R.V. Rao  
Director

वरि. लेखापरीक्षा अधिकारी / के.ले.प. (व्यय)  
Sr. Audit Officer / CA(E)  
कार्यालय प्रधान निदेशक लेखापरीक्षा (केंद्रीय) गुजरात  
Office of the Principal Director of Audit (Central), Gujarat  
लेखापरीक्षा भवन, नवरंगपुरा, अहमदाबाद-380 009  
Audit Bhavan, Navrangpura, Ahmedabad-380 009

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
**RECEIPT AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2022**

RECEIPTS		Current Year	Previous Year	PAYMENTS		Current Year	Previous Year
		Amonut in Rupees					
<b>I. Opening Balances:</b>							
a) Cash Balances		128,221	123,213			907864900.00	604,343,927
b) Bank Balance		851,946,044	102,101,916			262,848,720	221,061,099
						52,790,147	294,410,049
<b>II. Grants Received:</b>							
a) Plan Grant: From Government of India		100,000,000	139,175,000				
b) Non-Plan Grant: From Govt of India		1,311,743,992	1,376,760,000			211,132	27,208,193
						430,698	35067639.00
<b>Grants-in-Aid Receivable :</b>							
a) Plan Grant: From Government of India		0	0				
b) Non-Plan Grant: From Govt of India		0	0			183,457	
						10,122,205	
<b>III. Academic Receipts</b>		400,598,535	386,952,270			73,506,628	
<b>IV. Receipt in Corpus Fund/ Capital Fund</b>		20,187,313	56,190,893				
<b>IV. Receipts against Earmarked/Endowmnt Funds</b>		1,681,424	682,313				
<b>V. Receipts against Sponsored Project:</b>							
Grants Received from AICTE/GOI		65,616,198	28526635.05			1,556,776,172	935,359,702
Other Misc Receipts against Conference		966,348					
Other Misc. Receipts against various liability		71,846,954					
<b>VI. Receipts against sponsored Fellowships &amp; Scholarships</b>		7,585,097	11,472,317				
<b>VII. Income on Investments from</b>							
a) Earmarked/Endowment funds		0					
b) Other investments		0				184,966,263	144,402,559

VIII. Interest received						
a) Bank Deposit	5,015,353	36,508,972			26,150	
b) Loans and Advances		0			72,361,514	
c) Savings Bank Account	3,180,069	2,617,109				167,061,528
d) Against Project Account						
IX. Investments encashed					9,359,163	364,483,325
X. Term Deposits with Scheduled Banks encashed	754,195,727	890,815,148				
XI. Other income (including prior period Income)	10,503,820	389,682,818			126,956	128221.00
XII. Deposits and Advances						
Plant Machinery & Equipment						
Received from various deposits						
Other Deposits	293,843	25,032,429				
Loans & Advances including TDS Refund	29,533,336					
XIII. Miscellaneous Receipts including Statutory	995,964	4,005,975				
Consultancy Receipts	112,558,967	77578201.65				
XIV. Any other Receipts	13,137,330	188,391,457				
<b>TOTAL</b>	<b>3,761,714,535</b>	<b>3,716,556,666</b>			<b>3,761,714,534.96</b>	<b>3,716,556,665.81</b>

Date : 15th June 2022

Place : Surat

B.P. Sivasankar  
15.06.2022  
B.P. Sivasankar  
Asst. Registrar (A/Cs)

*(Signature)*  
Dr Pramod Mathur  
Registrar

*(Signature)*  
Prof. R.V. Rao  
Director  
15.6.22

श्री. लेखापरीक्षा अधिकारी / के.ले.प. (व्यय)  
Audit Officer / CA(E)  
राज्य प्रथम निदेशक लेखापरीक्षा (केंद्रीय) गुजरात  
Principal Director of Audit (Central), Gujarat  
भवन, नवलपुरा, अहमदाबाद-३८० ००९  
Nawalpura, Ahmedabad-380 009

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007**  
**CPF/GPF/NPS ACCOUNT**

**BALANCE SHEET AS AT 31<sup>st</sup> MARCH 2022 (2021-2022)**

Sl. No	Fund & Liabilities	Sch	Current year 2021-22		Previous year 2020-21		Assets & Property	Sch	Current year 2021-22		Previous year 2020-21	
			Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	Amount (Rs.)			Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	Amount (Rs.)
	<b>CPF/GPF A/Cs</b>											
	Opening balance		238,005,057.00		226,409,971.77		<b>FIXED DEPOSIT</b>					
	<b>ADD:Receipts</b>						State Bank of India					20,000,000.00
	Subscrip/contri and refund of Adv	A	26,596,333.00		27,585,178.00		Canara Bank					76,000,000.00
	<b>LESS:withdrawal during the year</b>	B	14,155,930.00		28,890,995.00		Allahabad Bank					
	<b>ADD: Interest distributed to subscriber for the year</b>	C	17,296,848.00		15,952,588.00		RBI BOND 8 % GOI					40,000,000.00
			267,742,308.00		241,056,742.77		PNB Housing Finance Ltd.					66,826,933.00
	<b>Less: Adjustment as per Subscriber Fund Transfer to General Reserve</b>				3,051,685.77	238,005,057.00	LIC Housing Finance Ltd.					35,000,000.00
	<b>NPS Subscriber Liability</b>					5,844,217.00	Accrued interest on FDR	D				5,116,691.32
	<b>General Reserve</b>						<b>CURRENT ASSETS</b>					
	Opening Balance		11,334,055.75		3,051,685.77		SBI S. B. GPF Bank A/c					10,293,708.86
	<b>ADD: Fund transfer to General Reserve</b>				13,102,035.21		Cash at Bank in SBI NPS A/c					1,508,966.57
	<b>ADD: Excess of Income over Expenditure</b>		-4,860,766.64		-4,819,665.23	11,334,055.75	T.D.S Receivable					437,030.00
	<b>Prior Period Adjustment</b>					6,473,289.11						
						<b>279,897,367.11</b>						<b>279,897,367.11</b>
						<b>255,183,329.75</b>						<b>255,183,329.75</b>

वरि. लेखापरीक्षा अधिकारी / के.ले.प. (व्यय)  
**Sr. Audit Officer / CA(E)**  
 कार्यालय प्रधान निदेशक लेखापरीक्षा (केंद्रीय) गुजरात  
 Office of the Principal Director of Audit (Central), Gujarat  
 लेखापरीक्षा भवन, नवरंगपुरा, अहमदाबाद-३८० ००९  
 Audit Bhavan, Navrangpura, Ahmedabad-380 009

B.P. Sibasankar  
 15.06.2022  
 B.P Sibasankar  
 Asst. Registrar (A/Cs)

Pranav  
 Dr Pramod Mathur  
 Registrar

Rukar  
 Prof. R.V. Rao  
 Director  
 15.6.22

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-7  
 CONTRIBUTORY/ GENERAL PROVIDENT FUND ACCOUNT  
 SCHEDULE FORMING PARTS OF ACCOUNTS

Schedule A: Subscription/Contribution

Particulars	Current Year	Previous Year
	Amount (Rs.)	Amount (Rs.)
GPF receipt Group A	18,864,323.00	19,978,415.00
GPF receipt Group B	4,246,010.00	5,177,826.00
GPF receipt Group C	3,486,000.00	2,428,937.00
<b>TOTAL</b>	<b>26,596,333.00</b>	<b>27,585,178.00</b>

Schedule B: Withdrawal during the year

Particulars	Current Year	Previous Year
	Amount (Rs.)	Amount (Rs.)
GPF Officer Part Final Group-A	1,750,000.00	2,290,000.00
GPF Officer Payment Group-A (Director)	-	523,049.00
GPF Officer Final Payment Group-A	7,146,502.00	16,645,296.00
GPF Officer Loan/Advance Group A	300,000.00	-
GPF Part Final Group B	1,130,000.00	4,152,000.00
GPF Part Final Group C	1,280,000.00	1,271,000.00
GPF Loan/Advance Group B	35,000.00	441,000.00
GPF Loan/Advance Group C	117,000.00	30,000.00
GPF Final Payment on Retirement Group B	-	3,090,135.00
GPF Final Payment on Retirement Group C	2,397,428.00	448,515.00
<b>TOTAL</b>	<b>14,155,930.00</b>	<b>28,890,995.00</b>



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

Particulars	Current Year	Previous Year
	Amount (Rs.)	Amount (Rs.)
Group A GPF	13,783,530.00	13,022,342.00
Group B GPF	2,416,960.00	2,278,612.00
Group C GPF	1,095,354.00	650,696.00
Group C HGS	1,004.00	938.00
<b>TOTAL</b>	<b>17,296,848.00</b>	<b>15,952,588.00</b>

**Schedule: D Accrued Interest on F.D.R**

Particulars	Current Year	Previous Year
	Amount (Rs.)	Amount (Rs.)
Interest accrued on State Bank of India	1,561,478.00	434,313.00
Interest accrued on Canara Bank	2,003,480.00	1,094,093.00
Interest accrued on PNBHFL	6,709,995.99	1,976,826.99
Interest accrued on LICHL	3,838,514.33	1,611,458.33
<b>TOTAL</b>	<b>14,113,468.32</b>	<b>5,116,691.32</b>

**Sardar Vallabhbhai National Institute of Technology, Surat - 39 5007**  
Income and Expenditure Account of GPF/CPF/NPS for the year ended 31st March 2022

Sl. No.	Expenditure	F.Y 2021-2022	F.Y 2020-21	Sl. No.	Income	F.Y 2021-2022	F.Y 2020-21
1	Interest credited to Members accounts	17,296,848.00	15,952,588.00	1	Interest on SBI Saving A/c	294,511.00	306,832.00
2	Bank Charges	705.64	88.50	2	Interest on RBI Bond	3,200,000.00	2,960,000.00
3	Prior period adjustment	-	214,177.00	3	Interest on PNBHFL	-	101,062.00
4	Interest expenditure on NPS converted in to GPF ( Jagdish P Mandawra)	155,544.00	-	4	Interest on FDR in Canara Bank	-	3,071,145.12
5	Balance being excess of Income over Expenditure	-4,860,766.64	13,102,035.21	5	Interest on FDR in SBI	-	2,274,024.00
				6	Interest on FDR in Allahabad Bank	-	118,696.00
				7	TDS Receivable 2020-21	-	437,030.00
				8	Interest accrued on SBI	1,127,165.00	434,313.00
				9	Interest accrued on Canara Bank	1,010,430.00	1,094,093.00
				10	Interest accrued on PNBHFL	4,733,169.00	1,976,826.99
				11	Interest accrued on LICHL	2,227,056.00	1,611,458.33
				12	Prior period adjustment	-	14,883,408.27
	<b>Total</b>	<b>12,592,331.00</b>	<b>29,268,888.71</b>		<b>Total</b>	<b>12,592,331.00</b>	<b>29,268,888.71</b>

वरि. लेखापरीक्षा अधिकारी / के.ले.प. (व्यय)  
Sr. Audit Officer / CA(E)

कार्यालय प्रधान निदेशक लेखापरीक्षा (केंद्रीय) गुजरात  
Office of the Principal Director of Audit (Central), Gujarat  
लेखापरीक्षा भवन, नवरंगपुरा, अहमदाबाद-३८० ००९  
Bhavan, Navrangpura, Ahmedabad-380 009

B.P. Sibasankar  
B.P. Sibasankar  
Asst. Registrar (A/Cs)

Dr Pramod Mathur  
Registrar

Prof. R.V. Rao  
Director

15-6-22

**Sardar Vallabhbhai National Institute of Technology, Surat - 39 5007**  
**Receipt and Payment Account of GPF/CPF for the year ended 31st March 2022**

Sl. No.	Receipt	Current Year 2021-22	Previous Year 2020-21	Sl. No.	Payment	Current Year 2021-22	Previous Year 2020-21
1	Opening Balance	10,293,708.86	2,954,623.16	1	Advance Withdrawal to GPF Members	14,155,930.00	28,890,995.00
2	Interest Income from Investment (8% RBI Bond)	2,880,000.00	5,487,636.00	2	Investment made during the year	23,000,000.00	197,827,121.80
3	Interest on Saving A/c	252,545.00		3	Bank Charges	94.40	88.50
4	Subscription from GPF Members	26,596,333.00	27,585,182.00	4	Cash & Bank with SBI SVNIT, Branch, Surat	2,866,562.46	10,293,708.86
5	Encashment of FDR	-	200,984,473.00				
	<b>Total</b>	<b>40,022,586.86</b>	<b>237,011,914.16</b>		<b>Total</b>	<b>40,022,586.86</b>	<b>237,011,914.16</b>

*Ramul*  
 15/06/2022  
 Dr Pramod Mathur  
 Registrar

*B.P. Sibasanikar*  
 15.06.2022  
 B.P. Sibasanikar  
 Asst. Registrar (A/Cs)

*R.V. Rao*  
 15.6.22  
 Prof. R.V. Rao  
 Director

बारे. लेखापरीक्षा अधिकारी / के.ले.प. (व्यय)  
**Sr. Audit Officer / CA(E)**  
 कार्यालय प्रधान निदेशक लेखापरीक्षा (केन्द्रीय) गुजरात  
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 लेखापरीक्षा भवन, नवरंगपुरा, अहमदाबाद-३८० ००९  
 A/c: Unbvan, Navrangpura, Ahmedabad-380 009