वार्षिक प्रतिवेदन
एवं
लेखा विवरण
2022-2023

ANNUAL REPORT
&
ANNUAL ACCOUNTS
2022-2023

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

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

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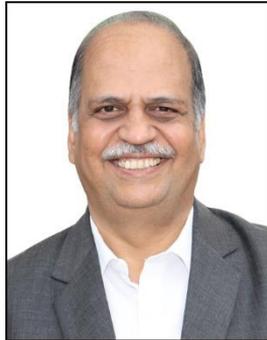
ANNUAL REPORT

2022-23

SARDAR VALLABHBHAI PATEL

I N D E X

DIRECTOR'S REPORT

Sardar Vallabhbhai National Institute of Technology named after the Iron man of India has been a premier engineering college in the West coast of India that was granted the status of 'Institute of National Importance' in August 2007. It has consistently contributed in imparting quality technical education and facilitating young minds realise their aspirations.

Over the past year, our academic institute has continued to uphold its commitment to excellence in education, research, and placement. Our passionate faculty members have continued to inspire and guide our students, nurturing their intellectual curiosity and helping them develop into well-rounded individuals.

One of our key accomplishments this year has been the expansion of our academic and research programs, fostering a culture of innovation and discovery. Our researchers have made significant breakthroughs in various fields, pushing the boundaries of knowledge and addressing some of society's most pressing challenges. These accomplishments have not only enhanced our institute's reputation but have also contributed to the betterment of the wider community.

Furthermore, we have continued our resolve to implement NEP 2020 and foster learning with praxis. These attempts will provide our students and faculty with unique opportunities for real-world experiences, internships, and collaborative research projects. By bridging the gap between education and real world problems, we are preparing our graduates to be successful and impactful contributors to society.

The dedication and hard work of our students have been truly remarkable. Their achievements in academics, extracurricular activities, and placement are a testament to their commitment to excellence and their desire to make a positive difference in the world. They are the driving force behind our institute's success, and we take immense pride in their accomplishments.

As we look ahead, we are excited about the possibilities that the National Education Policy 2020 offers. Our institute is poised to continue its trajectory of its implementation for growth, innovation, and success. We will remain steadfast in our commitment to nurturing talent, encouraging Indian value system, and fostering a culture of lifelong learning.

I would like to express my sincere appreciation to our dedicated staff, faculty, students, and non-teaching staff for their unwavering commitment to our shared vision. Thank you all for your unwavering support and for being an integral part of our academic community. Let us continue to strive for excellence, embrace new challenges, and make a lasting impact on society.

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

1.0 INTRODUCTION

1.1 Institute's Vision

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

1.2 Institute's 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 / internships / training and are support for presenting papers in India and abroad.

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, the 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, the UG programme in Chemical Engineering was introduced. The Government of India declared the Sardar Vallabhbhai Regional College of Engineering & Technology (SVREC) Surat to Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat with status of 'Deemed University' with effect from 4th December, 2002. The Institute has been granted the status of 'Institute of National Importance' w.e.f. Aug. 15, 2007. At present, the Institute is offering Six UG Programmes, Nineteenth PG Programmes and Three M.Sc. Five Years Integrated programmes including doctoral programme in all above branches.

Discipline Details

Sr. No.	Department Name	Level	Year of Inception	No. of Sub streams	Sub stream Name	Level	Year of Sub stream Inception
1	Civil Engineering	UG	1961	07	Environmental Engineering	PG	1973
					Urban Planning	PG	1973
					Soil Mechanics & Foundation Engg.	PG	1973
					Structural Engineering	PG	1974
					Water Resource Engineering	PG	1987
					Transportation Engineering & Planning	PG	2007
					Construction Technology &Management	PG	2020
2	Mechanical Engineering	UG	1961	05	Turbo Machines	PG	1983
					Mechanical Engineering	PG	1974
					Manufacturing Engg. / IPED (2013)	PG	2013
					Thermal System Design	PG	2007
					CAD / CAM	PG	2007
3	Electrical Engineering	UG	1961	03	Power Electronics & Electrical Drives	PG	2006
					Power System	PG	2012
					Instrumentation & Control	PG	2020
4	Electronics Engineering	UG	1982	02	Communication Systems	PG	2005
					VLSI & Embedded System	PG	2012
5	Computer Engineering	UG	1988	01	Computer Engineering	PG	2006
6	Chemical Engineering	UG	1995	01	Chemical Engineering	PG	2005
7	Applied Physics	M.Sc.	2007	--			
8	Applied Chemistry	M.Sc.	2007	--			
9	Applied Mathematics	M.Sc.	2007	--			

2.2 Location

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

2.3 Campus

The Institute is having at present Eight Boys Hostels and One Girl Hostel accommodating about 4391 students. The number of girl student's is increasing year by year. The Institute has at present 150 staff quarters and 80 new flats have been built and occupied by faculty. The institute campus is spread over 250 acres. The campus has separate buildings for all the academic departments and looking to the growth of the departments, new buildings have been constructed.

2.4 Administration

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

The Govt. of India, Ministry of Education (Deptt. of Secondary and Higher Education) has constituted anNIT 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 thefollowing departments:

(1)	Civil Engineering	(a) Construction Technology & Management
		(b) Environmental Engineering
		(c) Transportation Engineering & Planning
		(d) Urban Plnning
		(e) Water Resourcese 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 System
		(b) VLSI & Embedded System
(7)	Mechanical Engineering	(a) CAD/CAM
		(b) Mechanical Engineering
		(c) Manufacturing Engineering
		(d) Thermal System Design
		(e) Turbo Machines

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

(1)   Civil Engineering
(2)   Mechanical Engineering
(3)   Electronics & Communication 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) Deparatment of Physics
(4) Department of Chemical Engineering
(5) Department of Civil Engineering
(6) Department of Computer Science and 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 15 enables to lead 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) 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 8th semester (one-semester) of the B.Tech. program.

3.5 Admission Procedures:

Under Graduate Courses 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 seats Foreign Students and 130 seats of DASA students are also admitted under the scheme of Central Government.

The details of admission in UG programs are given below (2022-23)

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	40	10	8	1	13	5	5	3	26	6	0	0	92	25
Civil Engg.	115	39	9	10	2	13	4	7	2	25	6	0	0	94	23
Computer Sci. Engg.	116	38	9	9	2	13	5	6	2	25	6	13	10	104	34
Electrical Engg.	115	35	9	10	2	13	4	7	2	25	6	0	0	90	23
Electronics & Comm.	172	55	12	13	4	20	6	11	2	38	6	0	0	137	30
Mechanical Engg.	232	66	19	17	5	29	5	15	3	48	14	1	0	176	46
Total…	866	273	68	67	16	101	29	51	14	187	44	14	10	693	181

B: Boys / G: Girls

The details of admission in Five years integrated M.Sc. Program are given below (2022-23)

Discipline (M.Sc.)	Intake	Open		EWS		SC		ST		OBC		TOTAL	
		B	G	B	G	B	G	B	G	B	G	B	G
Chemistry	75	19	5	6	0	6	1	2	1	13	0	46	7
Physics	75	27	1	5	0	7	0	6	0	18	0	63	1
Mathematics	75	23	6	7	0	8	1	4	1	16	2	58	10
Total…	225	69	12	18	0	21	2	12	2	47	2	167	18

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)	Spon-sored	Total Seats
01	Chemical Engineering	Chemical Engineering	25	05	30
02	Civil Engineering	Construction Technology and Management	25	05	30
		Environmental Engineering	25	05	30
		Water Resource 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 System	25	05	30
		VLSI & Embedded System	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
		TOTAL	475	95	570

The details of admission in the M.Tech. Programs are given below (2022-23)

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	9	1	0	0	4	0	1	0	0	0	0	0	14	1
Const. Tech. & Mgt.	25	7	3	2	1	4	0	1	0	7	0	0	0	21	4
Environmental Engg.	25	4	6	1	0	4	0	1	0	2	2	0	0	12	8
Transportation Engg. & Planning	25	6	4	2	0	3	1	1	0	5	2	0	0	17	7
Urban Planning	25	3	7	0	0	1	1	0	2	4	1	0	0	8	11
Water Resource Engg.	25	4	1	1	0	2	0	0	0	1	1	0	0	8	2
Soil Mechanics & Foundation Engg.	25	6	1	1	0	1	0	0	1	0	1	0	0	8	3
Structural Engineering	25	9	1	3	0	3	0	2	0	6	1	0	0	23	2
Computer Engineering	25	7	3	3	0	2	0	0	0	6	1	0	0	18	4
Instrumentation & Control	25	2	5	0	0	1	0	0	0	0	0	0	0	3	5
Power Electronics & Electrical Drives	25	10	2	1	0	2	1	0	0	1	0	0	0	14	3
Power Systems	25	5	3	0	0	0	0	1	1	1	0	0	0	7	4
Communication System	25	4	5	0	0	1	0	0	0	0	0	0	0	5	5
VLSI & Embedded System	25	9	1	3	0	3	1	1	0	6	1	0	0	22	3
CAD/CAM	25	4	0	0	0	1	0	1	0	0	0	0	0	6	0
Manufacturing Engg.,	25	3	0	0	0	1	0	0	0	0	0	0	0	4	0
Mechanical Engineering	25	7	0	1	0	2	0	1	0	0	1	0	0	11	1
Thermal System Design	25	6	0	0	0	0	0	0	0	3	1	0	0	9	1
Turbo Machines	25	3	0	0	0	0	0	0	0	2	0	0	0	5	0
TOTAL	**475**	108	43	18	1	35	4	10	4	44	12	0	0	215	64

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 2022-23)

Branch	Year	Semester	Boys	Girls	Total
Chemical Engineering	I	First	92	25	117
	II	Third	92	20	112
	III	Fifth	91	22	113
	IV	Seventh	85	19	104
		Total	360	86	446
Civil Engineering	I	First	94	23	117
	II	Third	89	24	113
	III	Fifth	87	18	105
	IV	Seventh	83	21	104
		Total	**353**	**86**	**439**
Computer Engineering	I	First	104	34	138
	II	Third	102	28	130
	III	Fifth	103	27	130
	IV	Seventh	89	27	116
		Total	**398**	**116**	**514**
Electrical Engineering	I	First	90	23	113
	II	Third	84	24	108
	III	Fifth	85	25	110
	IV	Seventh	88	20	108
		Total	**347**	**92**	**439**
Electronics & Communication Engineering	I	First	137	30	167
	II	Third	132	33	165
	III	Fifth	132	33	165
	IV	Seventh	132	27	159
		Total	**533**	**123**	**656**
Mechanical Engineering	I	First	176	46	222
	II	Third	174	45	219
	III	Fifth	164	46	210
	IV	Seventh	187	35	222
		Total	**701**	**172**	**873**
		Grand Total…	**2692**	**675**	**3367**

Five Year Integrated M. Sc. Programmes : (Academic Year 2022-23)

Branch	Year	Semester	Boys	Girls	Total
Physics	I	First	63	1	64
	II	Third	43	13	56
	III	Fifth	51	10	61
	IV	Seventh	51	7	58
	V	Ninth	41	10	51
		Total	**249**	**41**	**290**

	I	First	46	7	53
	II	Third	33	9	42
Chemistry	III	Fifth	48	1	49
	IV	Seventh	42	8	50
	V	Ninth	37	9	46
		Total	**206**	**34**	**240**
	I	First	58	10	68
	II	Third	44	13	57
Mathematics	III	Fifth	42	8	50
	IV	Seventh	42	9	51
	V	Ninth	40	13	53
		Total	**226**	**53**	**279**
		Grand Total…	**681**	**128**	**809**

P.G. Programmes (Academic Year 2022-23)

Branch	Year	Boys	Girls	Total
Chemical Engineering				
First Semester	I	14	1	15
Third Semester	II	4	4	8
Construction Technology and Management				
First Semester	I	21	4	25
Third Semester	II	20	6	26
Environmental Engineering				
First Semester	I	12	8	20
Third Semester	II	11	11	22
Transportation Engineering & Planning				
First Semester	I	17	7	24
Third Semester	II	20	5	25
Urban Planing				
First Semester	I	8	11	19
Third Semester	II	10	13	23
Water Resources Engineering				
First Semester	I	8	2	10
Third Semester	II	11	2	13
Soil Mech. & Foundation Engg.				
First Semester	I	8	3	11
Third Semester	II	19	2	21
Structural Engineering				
First Semester	I	23	2	25
Third Semester	II	24	2	26
Computer Engineering				
First Semester	I	18	4	22
Third Semester	II	16	4	20
Instrumentation and Control				
First Semester	I	3	5	8
Third Semester	II	10	5	15
Power Electronics & Electrical Drives				
First Semester	I	14	3	17
Third Semester	II	21	1	22
Power Systems				
First Semester	I	7	4	11
Third Semester	II	15	6	21
Communication Systems				
First Semester	I	5	5	10
Third Semester	II	10	7	17
VLSI & Embedded Systems				
First Semester	I	22	3	25
Third Semester	II	15	6	21

Branch	Year	Boys	Girls	Total
CAD-CAM				
First Semester	I	6	0	6
Third Semester	II	14	1	15
Manufacturing Engineering				
First Semester	I	4	0	4
Third Semester	II	14	0	14
Mechanical Engineering				
First Semester	I	11	1	12
Third Semester	II	20	0	20
Thermal System Design				
First Semester	I	9	1	10
Third Semester	II	20	0	20
Turbo Machines				
First Semester	I	5	0	5
Third Semester	II	13	1	14
Total of First Sem		**215**	**64**	**279**
Total of Third Sem		**287**	**76**	**363**
Total of First & Third Sem		**502**	**140**	**642**

M.Tech. (Research) (Academic Year 2022-23)

Departments	Admission Year	Boys	Girls	Total
Civil Engineering	2022-23	01	00	01
Total		01	00	01
Mechanical Engineering	2022-23	01	00	01
Total		01	00	01
Grand Total		**02**	**00**	**02**

Ph.D. Programmes (Academic Year 2022-23) (Engg.) : (A)

Departments	Admission Year	Boys	Girls	Total
Mechanical Engineering	2014-15	5	1	6
	2015-16	2	1	3
	2016-17	7	0	7
	2017-18	14	0	14
	2018-19	27	1	28
	2019-20	17	0	17
	2020-21	18	0	18
	2021-22	14	0	14
	2022-23	20	0	20
	Total	**124**	**3**	**127**
Civil Engineering	2014-15	6	2	8
	2015-16	8	3	11
	2016-17	18	3	21
	2017-18	33	11	44
	2018-19	29	6	35
	2019-20	24	15	39
	2020-21	39	13	52
	2021-22	11	8	19
	2022-23	23	8	31
	Total	**191**	**69**	**260**
Chemical Engineering	2014-15	1	0	1
	2015-16	2	0	2
	2016-17	2	0	2
	2017-18	4	3	7
	2018-19	9	1	10

Departments	Admission Year	Boys	Girls	Total
	2019-20	4	3	7
	2020-21	2	0	2
	2021-22	3	1	4
	2022-23	7	2	9
	Total	**34**	**10**	**44**
Electronics & Communication Engineering	2014-15	3	2	5
	2015-16	0	0	0
	2016-17	4	2	6
	2017-18	8	5	13
	2018-19	4	1	5
	2019-20	5	1	6
	2020-21	9	8	17
	2021-22	3	2	5
	2022-23	9	3	12
	Total	**45**	**24**	**69**
Electrical Engineering	2013-14	1	0	1
	2014-15	4	1	5
	2015-16	2	0	2
	2016-17	3	2	5
	2017-18	7	4	11
	2018-19	8	6	14
	2019-20	11	5	16
	2020-21	18	4	22
	2021-22	4	3	7
	2022-23	11	5	16
	Total	**69**	**30**	**99**
Computer Engineering	2009-10	0	1	1
	2014-15	1	0	1
	2015-16	2	2	4
	2016-17	0	0	0
	2017-18	2	6	8
	2018-19	5	3	8
	2019-20	6	0	6
	2020-21	3	5	8
	2021-22	1	1	2
	2022-23	6	3	9
	Total	**26**	**21**	**47**
	Total of Engg. (A)	**489**	**157**	**646**

Ph.D. Programmes (Academic Year 2022-23) (Science) : (B)

Departments	Admission Year	Boys	Girls	Total
Deptt. of Chemistry	2015-16	1	0	1
	2017-18	0	0	0
	2018-19	3	7	10
	2019-20	6	7	13
	2020-21	16	9	25
	2021-22	1	0	1
	2022-23	4	5	9
	Total	**31**	**28**	**59**
Deptt. of Mathematics & Humanities	2014-15	1	0	1
	2016-17	1	0	1
	2017-18	1	2	3
	2018-19	3	4	7
	2019-20	13	6	19

	2020-21	6	4	10
	2021-22	5	1	6
	2022-23	3	6	9
	Total	**33**	**23**	**56**
Deptt. of Physics	2014-15	2	0	2
	2015-16	2	0	2
	2016-17	0	0	0
	2017-18	3	1	4
	2018-19	6	4	10
	2019-20	2	5	7
	2020-21	7	8	15
	2021-22	4	0	4
	2022-23	5	2	7
	Total	**31**	**20**	**51**
Management	2019-20	3	2	5
	2022-23	0	0	0
	Total	**3**	**2**	**5**
English	2017-18	0	1	1
	2018-19	0	1	1
	2019-20	1	1	2
	2020-21	1	1	2
	2021-22	0	1	1
	2022-23	0	2	2
	Total	**2**	**7**	**9**
Total of Science (B)		**100**	**80**	**180**
Grand Total (A)+(B)		**589**	**237**	**826**

3.7 Introduction of new Academic Departments:

A New **Department of Artificial Intelligence has been** setup in the institute. This department will be offering a new 4-year B.Tech Programme in **Artificial Intelligence.**

The **Department of Mathematics & Humanities has been** demerged into three departments namely, **(i) Department of Mathematics, (ii) Department of Humanities & Social Sciences** and **(iii) Department of Management Studies.**

After implementation, the institute will have total 12 academic departments as follows:

(01) Department of Artificial Intelligence
(02) Department of Chemical Engineering
(03) Department of Civil Engineering
(04) Department of Computer Science and Engineering
(05) Department of Electrical Engineering
(06) Department of Electronics Engineering
(07) Department of Mechanical Engineering
(08) Department of Chemistry
(09) Department of Mathematics
(10) Department of Physics
(11) Department of Humanities & Social Sciences
(12) Department of Management Studies

3.8   Examinations & Evaluation:

Undergraduate Courses – Bachelor of Technology (Examination April/May 2022)

Discipline	Total No. appeared	Total No. passed	Above 7.5 CGPA	7.5-6.0 CGPA	Below 6.0 CGPA	Topper	CGPA
Chemical	85	85	62	22	1	Sudhanshu Chandel	9.57
Civil	90	87	60	26	1	Mohammad Yasin Azimi	9.18
Computer	111	111	73	37	1	Krunal Rajeshbhai Rank	9.52
Electrical	88	88	65	23	0	Panchal Nandini Vasantkumar	9.39
Electronics & Comm.	142	141	88	45	8	Vanani Rohan Vipulbhai	9.50
Mechanical	222	221	165	55	1	Zadafiya Siddharthkumar Bharatbhai	9.63
Total…	**738**	**733**	**513**	**208**	**12**		

Five Years Integrated M.Sc. Courses (Examination April/May 2022)

Discipline	Total No. appeared	Total No. passed	Above 7.5 CGPA	7.5-6.0 CGPA	Below 6.0 CGPA	Topper	CGPA
Chemistry	30	30	24	6	0	Umare Mahesh Madhav	9.80
Physics	41	41	40	1	0	Tumuluru Vinay	9.99
Mathematics	48	48	30	17	1	Purva Sehgal	9.66
Total…	**119**	**119**	**94**	**24**	**1**		

Post Graduate Courses – Master of Technology (M.Tech.) Courses (Examination April/May 2022)

Departments	No. of students passed
Chemical Engineering	9
Civil Engineering	150
Computer & Science Engineering	17
Electrical Engineering	65
Electronics Engineering	38
Mechanical Engineering	97
Total…	**376**

Doctorate Courses – Ph.D. Courses (2022-23)

Department	No. of students
Chemical Engineering	9
Civil Engineering	31
Computer & Science Engineering	9
Electrical Engineering	16
Electronics Engineering	12
Mechanical Engineering	20
Chemistry	9
Mathematics	9
Physics	7
English	2
Management	0
Total…	**124**

3.9   Annual Convocation

The 19th Annual Convocation of the institute was held on 21st Feburary 2023 where former Chairman of ISRO, **Padma Shri A. S. Kiran Kumar** was the **Chief Guest.** Subsequently, **Prof. V. Ramgopal Rao,** Ex. Director of IIT Delhi and **Padma Shri Savji Dholakia,** Founder & Chairman of Hari Krishna Exports Pvt. Ltd were the **Guests of Honour.**

Total 733 nos. B.Tech. students, 376 nos. M.Tech. students, 119 nos. Five years Integrated Master of Science students and 68 nos. Ph.D. students have successfully completed course of studies as prescribed under the regulations and passed the examinations were conferred the Degrees on February 21, 2023.

3.10   Collaboration with Industry and R&D Centres (F.Y. 2022-23)

Sr. No.	MoU signed with	Objective/Purpose of MoU
01	M G MOTOR INDIA PRIVATE LIMITED	DONATION OF NON-ROADWORTHY VEHICLE FOR SOLELY TO BE USED FOR EDUCATION AND TRAINING AND OTHER ACADEMIC PURPOSES.
02	BENCHMARK AGENCIES PVT LTD, 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
03	SAHAJANAND MEDICAL TECHNOLOGIES PRIVATE LTD. VED ROAD, SURAT	RAPIDLY GROWING SCIENTIFIC AND TECHNOLOGICAL KNOWLEDGE AND PROFESSIONAL EXCELLENCE IN SCIENCE & TECHNOLOGY BY UNDERTAKING INDUSTRIAL & APPLIED RESEARCH AND CONSULTANCY
04	TWEEN ENGINEERS, VADODARA	JOINT RESEARCH ACTIVITIES AND JOINT SUPERVISION OF RESEARCH WORK.
05	ADANI HAZIRA PORTS LTD	JOINT RESEARCH ACTIVITIES AND JOINT SUPERVISION OF RESEARCH WORK.
06	CSIR- CENTRAL ROAD RESEARCH INSTITUTE, NEW DELHI	COLLABORATIVE ON RESEARCH AND ALLIED ACADEMIC ACTIVITIES
07	CSIR- CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE	TO PROMOTE AND RECOGNIZE THE IMPORTANCE OF RESEARCH AND DEVELOPMENT IN THE AREAS OF STRUCTURAL ENGINEERING, STRUCTURAL HEALTH MONITORING, FIRE ENGINEERING, HERITAGE STRUCTURES, INNOVATIVE BUILDING MATERIALS, ADVANCE STRUCTURAL COMPOSITE & DURABILITY, ENGINEERING AND SCIENCES

08	RESEARCH IN ENVIRONMENT, EDUCATION AND DEVELOPMENT SOCIETY (REEDS), BHARAT	DEVELOPMENT AND SUBMISSION OF COLLABORATIVE RESEARCH, S&T PROPOSALS TO VARIOUS AGENCIES REGARDING SCIENCE AND TECHNOLOGICAL SOLUTIONS	
09	KSCSTE - NATIONAL TRANSPORTATION PLANNING AND RESEARCH CENTRE, THIRUVANTHPURAM	STRENGTHENING AND GROWTH OF MUTUALLY BENEFICIAL RESEARCH, EDUCATIONAL AND OUTREACH PROGRAMMES TO BE CONDUCTED COOPERATIVELY	

3.11 Collaboration with National & International Universities (F.Y. 2022-23)

Sr No	MOU Signed With	Objective/Purpose of MOU
	National Universities	
1	L D COLLEGE OF ENGINEERING, 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
2	VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT	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	MARWADI UNIVERSITY, RAJKOT	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
4	NATIONAL INSTITUTE OF TECHNOLOGY, SRINAGAR	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
5	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN & MANUFACTURING (IIITDM), KURNOOL	TO LEVERAGE COLLABORATIVE ACTIVITIES IN HUMAN RESOURCE DEVELOPMENT THROUGH CAPACITY BUILDING IN EDUCATION AND TRAINING IN THE AREA OF UNMANNED AIRCRAFT SYSTEM (UAS)
6	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, NAGPUR	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 INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, BHOPAL	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
8	NEHRU FOUNDATION FOR DEVELOPMENT CENTRE FOR ENVIRONMENT EDUCATION SOCIETY, 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
9	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, PUNE	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	INDIAN INSTITUTE OF TECHNOLOGY, MANDI	ACADEMIC & RESEARCH COLLABORATION IN THE AREA OF MUTUAL INTEREST. EXCHANGE OF ACADEMIC INFORMATION, SCHOLARLY INFORMATION, MATERIALS AND PUBLICATIONS. EXCHANGE OF STUDENTS AND FACULTY. SPONSORSHIP OF COOPERATIVE SEMINARS, WORKSHOPS, DIRECT PH.D. ADMISSION

Sr No	MOU Signed With	Objective/Purpose of MOU
National Universities		
11	MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR	ACADEMIC & RESEARCH COLLABORATION IN THE AREA OF MUTUAL INTEREST. EXCHANGE OF ACADEMIC INFORMATION, SCHOLARLY INFORMATION, MATERIALS AND PUBLICATIONS. EXCHANGE OF STUDENTS AND FACULTY. SPONSORSHIP OF COOPERATIVE SEMINARS, WORKSHOPS, DIRECT PH.D. ADMISSION
12	NAVSARI AGRICULTURE UNIVERSITY, NAVSARI	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	INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN, DELHI	TO BUILD LONG TERM RELATIONSHIP AND TO DEVELOP HEALTHY AND STABLE ARRANGEMENTS BETWEEN BOTH THE PARTIES.
14	NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH, HYDERABAD	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
15	INSTITUTE OF TECHNOLOGY, NIRMA UNIVERSITY, 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
16	THDC - INSTITUTE OF HYDROPOWER ENGINEERING & TECHNOLOGY, TEHRI - UTTARAKHAND	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
17	NATIONAL INSTITUTE OF TECHNOLOGY, SIKKIM	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

Sr No	MOU Signed With	Objective/Purpose of MOU
International Universities		
1	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, NORWAY	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
2	UTICA UNIVERSITY, NEW YORK, USA	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	SOUTHERN METHODIST UNIVERSITY (SMU), TX, USA	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
4	UNIVERSITY OF LOUISVILLE, KENTUCKY, USA	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

4.0 PARTICULARS OF ACADEMIC & ADMINISTRATIVE STAFF:

4.1 Faculty Strength as on 30.06.2023

As on date 30/06/2023, Prof. Anupam Shukla is the Director of the Institute.

The Institute has **296** sanctioned posts of faculty members. The total number of faculty members as on 30.06.2023 was 225. The Departmnet-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 2022-23 is as given below.

List of Academic Staff as on 30/06/2023
(Arranged Cadre-wise alphabetically)

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

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

Sr. No.	Name	Designation
89	Dr.Ashish Kiranbhai Panchal	Professor
90	Dr.Chudamani Rajagopalan	Professor
91	Dr.Shambhu Nath Sharma	Professor
92	Dr.Varsha Ajit Shah	Professor
93	Dr.Hirenkumar Gunvantbhai Patel	Associate Professor
94	Dr.Hitesh Rameshchandra Jariwala	Associate Professor
95	Dr.Khyatiben Divyeshkumar Mistry	Associate Professor
96	Dr.Mahmadasraf Abdulhamid Mulla	Associate Professor
97	Dr.Prasanta Kundu	Associate Professor
98	Dr.Rakesh Maurya	Associate Professor
99	Dr.Sabharaj Arya	Associate Professor
100	Dr.Vasundhara Waman Mahajan	Associate Professor
101	Dr.Pranavkumar Bhupenabhai Darji	Associate Professor
102	Smt. Chandaniben Pankajkumar Gor	Assistant Professor
103	Dr.Aeidapu Mahesh Rayamallu	Assistant Professor Grade-II
104	Dr. Akanksha Shukla	Assistant Professor Grade-II
105	Dr. Gangireddy Sushnigdha	Assistant Professor Grade-II
106	Dr. Kunisetti V. Praveen Kumar	Assistant Professor Grade-II
107	Dr. Rahul Radhakrishnan	Assistant Professor Grade-II
108	Dr. Rajasekhara Reddy Chilipi	Assistant Professor Grade-II
109	Dr. Sanjay Tolani	Assistant Professor Grade-II
110	Dr. Sukanta Halder	Assistant Professor Grade-II
111	Dr. Suresh Lakhimshetty	Assistant Professor Grade-II
112	Dr. Venkataramanaiah Jammala	Assistant Professor Grade-II
Department of Electronics Engineering	
113	Dr. Jignesh Natvarlal Sarvaiya	Professor
114	Dr. Upena Devang Dalal	Professor
115	Dr. Anandkumar Dhirajlal Darji	Associate Professor
116	Dr. Jigishaben Naginbhai Patel	Associate Professor
117	Dr. Piyush Navnitlal Patel	Associate Professor
118	Dr. Rasika Neeraj Dhavse	Associate Professor
119	Dr. Shilpi Gupta	Associate Professor
120	Dr. Zuber Mohmood Patel	Associate Professor
121	Shri Nareshkumar Bhikhubhai Kanirkar	Associate Professor
122	Shri Prashant Kanubhai Shah	Associate Professor
123	Dr. Abhilash Satish Mandloi	Assistant Professor
124	Dr. Kishorkumar Parshottambhai Upla	Assistant Professor
125	Dr.Pinalkumar Jadavbhai Engineer	Assistant Professor
126	Dr.Shweta Nishant Shah	Assistant Professor
127	Dr. Abhishek Acharya	Assistant Professor Grade-I
128	Dr. Golak Santra	Assistant Professor
129	Shri Mehulkumar Chhibabhai Patel	Assistant Professor
130	Dr.Deepak Joshi	Assistant Professor Grade-II
131	Dr.Kamal Manharlal Captain	Assistant Professor Grade-II
132	Dr.Kirti Inamdar	Assistant Professor Grade-II
133	Dr.Nithin Chatterji	Assistant Professor Grade-II
134	Dr. Raghavendra Pal	Assistant Professor Grade-II
135	Dr.Shivendra Yadav	Assistant Professor Grade-II
136	Dr.Suman Deb	Assistant Professor Grade-II
137	Dr.Suresh Dahiya	Assistant Professor Grade-II
138	Dr.Vivek Garg	Assistant Professor Grade-II
Department of Mathematics & Humanities	
139	Dr.Ajaykumar Rammurti Shukla	Professor
140	Dr.Neeru Adlakha	Professor
141	Dr.Vikas Harishchandra Pradhan	Professor

Sr. No.	Name	Designation
142	Dr. Hemantkumar Pravinbhai Bulsara	Associate Professor
143	Dr.Jayesh Mohanbhai Dhodiya	Associate Professor
144	Dr.Sushilkumar	Associate Professor
145	Dr.Ramakanta Meher	Assistant Professor
146	Dr.Ranjankumar Jana	Assistant Professor
147	Dr.Twinkle Rajivkumar Singh	Assistant Professor
148	Dr.Urvashi Vikas Kaushal	Assistant Professor
149	Dr.Amit Sharma	Assistant Professor Grade-II
150	Dr.Indira Priyadarshini Debnath	Assistant Professor Grade-II
151	Dr. Raj Kamal Maurya	Assistant Professor Grade-II
152	Dr.Saroj RajmaniYadav	Assistant Professor Grade-II
153	Dr.Shailesh Kumar Srivastava	Assistant Professor Grade-II
154	Dr. Sourav Gupta	Assistant Professor Grade-II
155	Dr.Sudeep Singh Sanga	Assistant Professor Grade-II
156	Dr. Vaishali Samir Dhingra	Assistant Professor Grade-II
Department of Mechanical Engineering	
157	Dr.Harit Kishorchandra Raval	Professor (HAG)
158	Dr.Ravipudi Venkata Rao	Professor (HAG)
159	Dr.Abdulhafiz Abdulkhalik Shaikh	Professor
160	Dr.Dipakkumar Pravinchana Vakharia	Professor
161	Dr.Jyotirmay Janmay Banerjee	Professor
162	Dr.Keyur Pushpavadan Desai	Professor
163	Dr.Shailendra Kumar	Professor
164	Dr.Tushar Narenabhai Desai	Professor
165	Dr.Ashokkumar Dhirajlal Parekh	Associate Professor
166	Dr.Beena Devendra Baloni	Associate Professor
167	Dr.Bharat Mohanbhai Sutaria	Associate Professor
168	Dr.Devdas Ishwarbhai Lalwani	Associate Professor
169	Dr.Harshitkumar Kishorchana Dave	Associate Professor
170	Dr.Hemant Kumar Bhupendrabhai Mehta	Associate Professor
171	Dr.Jyoti Vinay Menghani	Associate Professor
172	Dr.Mahendrakumar Bhagvandas Maisuria	Associate Professor
173	Dr.Purnanand Vishwanathrao Bhale	Associate Professor
174	Dr.Ravi Kant	Associate Professor
175	Dr.Rupesh Dineshbhai Shah	Associate Professor
176	Shri Dipakkumar Babubhai Gohil	Associate Professor
177	Dr. Achchhelal Banshraj	Assistant Professor
178	Dr.Ashish Vasantlal Doshi	Assistant Professor
179	Dr.Dinesh Singh	Assistant Professor
180	Dr.Manishkumar Kaniyalal Rathod	Assistant Professor
181	Dr.Mukund Haribhai Bade	Assistant Professor
182	Dr.Sandeep Soni	Assistant Professor
183	Dr.Shaileshkumar Natvarlal Pandya	Assistant Professor
184	Dr.Vikram Parshottambhai Rathod	Assistant Professor
185	Dr.Vimalkumar Khandubhai Patel	Assistant Professor
186	Dr.Vivek Devidas Kalyankar	Assistant Professor
187	Shri Ajaybhai Bhanubhai Makwana	Assistant Professor
188	Dr.Anilkumar Mahto	Assistant Professor
189	Shri Nikunjkumar Ganeshbhai Patel	Assistant Professor
190	Dr. Amit Kumar Fateh Singh	Assistant Professor Grade-II
191	Dr. Amit Kumar Om Pal Singh	Assistant Professor Grade-II
192	Dr. Biranchi Narayan Sahoo	Assistant Professor Grade-II
193	Dr.Kamalesh Arun Sorate	Assistant Professor Grade-II
194	Dr. Krishna Kishore Mugada	Assistant Professor Grade-II
195	Dr.Mulay Amrut Shrikant	Assistant Professor Grade-II

Sr. No.	Name	Designation
196	Dr.Naresh Yarramsetty	Assistant Professor Grade-II
197	Dr.Neeraj Srivastava	Assistant Professor Grade-II
198	Dr.Nikhil Ashokbhai Baraiya	Assistant Professor Grade-II
199	Dr.Pallvita Yadav	Assistant Professor Grade-II
200	Dr.Prabhansu	Assistant Professor Grade-II
201	Dr.Rajesh Choudhary	Assistant Professor Grade-II
202	Dr. Raju Prasad Mahto	Assistant Professor Grade-II
203	Dr.Ram Singar Yadav	Assistant Professor Grade-II
204	Dr.Rayasam Srilakshmi	Assistant Professor Grade-II
205	Dr.Rohan Rahul Pande	Assistant Professor Grade-II
206	Dr.Rohit Tamrakar	Assistant Professor Grade-II
207	Dr.Sumit Khare	Assistant Professor Grade-II
208	Dr. Sunil Kumar	Assistant Professor Grade-II
209	Dr.Susanta Behera	Assistant Professor Grade-II
210	Dr.Vipul Mangalbhai Patel	Assistant Professor Grade-II
211	Dr.Yogendra Vasantrao Kuwar	Assistant Professor Grade-II
Department of Physics		
212	Dr.Kamlesh Nikulkumar Pathak	Professor
213	Dr.Ajaykumar Gajadhar Rai	Associate Professor
214	Dr.Debesh Ranjan Roy	Associate Professor
215	Dr.Dimple Vitrag Shah	Associate Professor
216	Dr.Vipulkumar Amirbhai Kheraj	Associate Professor
217	Dr.Lalitkumar Saini	Assistant Professor
218	Dr.Yogeshkumar Ashokbhai Sonvane	Assistant Professor
219	Dr.Shail Pandey	Assistant Professor Grade-II
220	Dr.Dipikaben Baldevbhai Patel	Assistant Professor Grade-II
221	Dr. Himanshu Pandey	Assistant Professor Grade-II
222	Dr. Mithun Karmakar	Assistant Professor Grade-II
223	Dr. Sharad Kumar Yadav	Assistant Professor Grade-II
224	Dr. Vikash Kumar Ojha	Assistant Professor Grade-II
Physical Education Section		
225	Dr.Nisithkumar Sahdev Datta	Associate Professor

4.3 Administrative & Other Staff:

4.3.1 List of Administrative Staff as on 30/06/2023.

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 Ajay Sharma	Assistant Librarian
5	Dr. Chirag Vaghela	SAS Officer
6	Shri Ravinder Kumar	Assistant Registrar
7	Shri Kamlabh K.Singh	Deputy Registrar
8	Shri B. P. Sibasankar	Assistant Registrar
9	Dr. Parmar Dilay Amarbhai	Technical Officer
10	Shri Mihirkumar Rameshbhai Patel	Technical Officer
11	Shri Gondabonia Chaitanya Kumar	Executive Engineer (Electrical)
12	Dr. Deepam M. Patel	Sr. Executive Engineer
13	Shri K. P. Solanki	Superintendent
14	Mrs. M. A. Patel	Superintendent
15	Shri Shirode Pawan	Superintendent
16	Shri Chitranjan Sharma	Superintendent
17	Shri Jadeja Devvratsinh	Superintendent
18	Shri Vipin V Sabu	Superintendent

Sr. No.	Name of the Employee	Designation
19	Shri Ashraf Hussain	Superintendent
20	Mrs. Sayali Sunil Pathak	Superintendent
21	Shri A. V. Panchal	Assistant(SG-I)
22	Shri R. D. Ruparel	Assistant(SG-I)
23	Shri M. C. Vania	Assistant(SG-I)
24	Mrs. R. M. Garasia	Assistant(SG-I)
25	Shri V. R. Patel	Assistant(SG-II)
26	Ms. P. K. Bhagwagar	Assistant(SG-II)
27	Shri C. M. Suthar	Assistant(SG-II)
28	Mrs. P. H. Kantharia	Assistant(SG-II)
29	Shri M. L. Patel	Assistant(SG-II)
30	Shri R. J. Patel	Senior Assistant
31	Shri Dilip Rathod	Senior Assistant
32	Shri B. K. Patel	Senior Assistant
33	Shri R. B. Solanki	Senior Assistant
34	Shri Hardik Makwana	Senior Assistant
35	Shri Ashwin Gupta	Senior Assistant
36	Shri Akash Sharma	Senior Assistant
37	Shri Nikhil Brar	Senior Assistant
38	Shri Gaurav Ayar	Senior Assistant
39	Shri Manishakumari Patel	Senior Assistant
40	Shri Rupendra Kumar Jangid	Senior Assistant
41	Shri Vivekanand Patil	Senior Assistant
42	Mrs. C.R. Parmar	Junior Assistant
43	Shri Arvind R. Prajapati	Junior Assistant
44	Shri Rishabh Pal	Junior Assistant
45	Shri Mahendra Prajapat	Junior Assistant
46	Shri Parekh Vrundaben	Junior Assistant
47	Dr. Patij K. Shah	Technical Assistant (SG-I)
48	Shri G.S. Shah	Technical Assistant (SG-I)
49	Ms. M.S. Patel	Technical Assistant (SG-I)
50	Shri A.B. Bilimoria	Technical Assistant (SG-I)
51	Shri G.J. Panchal	Technical Assistant (SG-II)
52	Shri B.D. Mistry	Technical Assistant (SG-II)
53	Shri G.B. Master	Technical Assistant (SG-II)
54	Shri J.J. Prajapati	Technician (SG-I)
55	Shri M.T. Patel	Technical Assistant
56	Shri B.S. More	Technical Assistant
57	Shri N.D. Patel	Technical Assistant
58	Shri A.M. Mistry	Technical Assistant
59	Shri Rana Bhavin J	Technical Assistant
60	Shri Harshil Halvadia	Technical Assistant
61	Shri Bodiwala Sunny S	Technical Assistant
62	Shri Anil Kumar	Technical Assistant
63	Shri Amit Kumar	Technical Assistant
64	Shri Deepak Kumar	Technical Assistant
65	Shri Shayamlal Kumar	Technical Assistant
66	Mrs. Hena Desai	Technical Assistant
67	Shri Ravi Shankar Pandey	Technical Assistant
68	Shri Gaurav J Gohil	Technical Assistant
69	Mrs. Krishna Satapathy	Technical Assistant
70	Shri Himanshu Deora	Technical Assistant
71	Shri Dhavalbhai M. Raiyani	Technical Assistant
72	Shri Chinthala Srikanth	Technical Assistant
73	Shri Akash Kumar	Technical Assistant
74	Mrs. Mitali Dave	Technical Assistant
75	Shri Rajneesh Poonia	Junior Engineer

Sr. No.	Name of the Employee	Designation
76	Shri Rahul Indaliya	Junior Engineer
77	Shri Desai Apurvkumar	Junior Engineer
78	Shri Vaghela Jayeshkumar	Junior Engineer
79	Shri Ajeet Singh Charan	Junior Engineer
80	Shri Vinay Maurya	Junior Engineer
81	Shri Gokul Gopan	Lib. & Info. Assistant
82	Shri Anand Mohan Jha	Lib. & Info. Assistant
83	Shri Swarup Kumar Behera	Lib. & Info. Assistant
84	Shri Vishal Pralhad Chavhan	Pharmacist
85	Shri Samrat Singh	SAS Assistant
86	Shri Saurabh Mishra	SAS Assistant
87	Shri M.S. Rathwa	Technician (SG-I)
88	Shri D.M. Rathod	Technician (SG-I)
89	Shri V.B. Rathod	Technician (SG-I)
90	Shri R.N. Chauhan	Technician (SG-I)
91	Shri Praful M. Patel	Senior Technician
92	Shri Gaurav Mahida	Senior Technician
93	Shri Sujeet Gupta	Senior Technician
94	Shri Pradeep Sharma	Senior Technician
95	Shri Mayank Bhagat	Senior Technician
96	Shri Divyanshu	Senior Technician
97	Shri Someshwar Prakash	Senior Technician
98	Shri Lokesh Krishna Sharma	Senior Technician
99	Shri Bhavesh Kumar Jha	Senior Technician
100	Shri Ganes Kumar	Senior Technician
101	Shri Saurabh Sharma	Senior Technician
102	Shri Satyam Kumar	Senior Technician
103	Shri Ashish N. Gamit	Technician
104	Shri Mukesh A. Patel	Technician
105	Shri N.J. Patel	Technician
106	Shri S.H. Bhagat	Technician
107	Mrs. Gunjan Singh	Technician
108	Shri Aditya Kumar B	Technician
109	Shri Behera Vrajbandhu	Technician
110	Shri Kokare Shrihari	Technician
111	Shri More Pratik Rajesh	Technician
112	Shri Katva Ghanshyam	Technician
113	Mrs. Karishma Patel	Technician
114	Shri Sonu	Technician
115	Shri Samar Patel	Technician
116	Shri Kundan Kumar	Technician
117	Shri Aniket Gupta	Technician
118	Shri Suraj Singh	Technician
119	Mrs. Desai Zankhna	Technician
120	Shri Parmar Karan Nixanbhai	Technician
121	Shri Alok Kumar Jha	Technician
122	Mrs. Puja Kumari Yadav	Technician
123	Shri Shivam Saurabh	Technician
124	Shri Bipin Pal	Technician
125	Shri Puneet Joshi	Technician
126	Shri Alpesh Prajapati	Technician
127	Shri Ashok Kumar Pandit	Technician
128	Shri Santoshkumar Yadav	Technician
129	Shri K.D. Gamit	Office / Lab Attendant (SG-I)
130	Shri A.R. Kothari	Office / Lab Attendant (SG-I)
131	Shri K.P. Surati	Office / Lab Attendant (SG-I)
132	Shri B.K. Patel	Office / Lab Attendant (SG-I)

Sr. No.	Name of the Employee	Designation
133	Shri S.R. Jadav	Office / Lab Attendant (SG-I)
134	Shri A.H. Chavda	Office / Lab Attendant (SG-I)
135	Shri K.D. Surati	Office / Lab Attendant (SG-I)
136	Shri H.D. Umarvanshi	Office / Lab Attendant (SG-I)
137	Shri J.G. Umrigar	Office / Lab Attendant (SG-I)
138	Shri Ankur Arthania	Office / Lab Attendant (SG-II)
139	Shri Jayram Behra	Office / Lab Attendant (SG-II)
140	Shri B. J. Vasava	Senior Office / Lab Attendant

4.3.2 List of employees superannuated / retired / resigned / relieved during the year 2022-23.

Sr. No.	Name	Designation	Date of Superannuation / Vol. Retirement / Expired
ACADEMIC			
1.	Dr. M. Mukhopadhyay	Professor	25/07/2022 (V.R.)
2.	Shri Anilkumar Himatlal Lalluwadia	Asso. Professor	31/12/2022
3.	Shri Mukeshchandra N. Bhusavalwala	Asso. Professor	31/03/2023
4.	Dr. Ankesh Kumar	Asst. Professor Grade-II	26/12/2022
ADMINISTRATIVE			
1.	Mrs. Sweta J. Pathak	Superintendent	31/10/2022
2.	Shri Pinakin D. Bhatt	Superintendent	31/10/2022
3.	Dr. Neha Sharma	Medical Officer	24/04/2023
4.	Mrs. M. P. Mody	Superintendent	30/04/2023
5.	Shri V. G. Patel	Technician (SG-II)	30/04/2023
6.	Shri P. R. Sivadasan	Senior Technical Assistant	31/05/2023
7.	Shri P. P. Vankar	Technical Assistant (SG-II)	31/05/2023
8.	Shri R. M. Vasava	Technical Assistant	31/05/2023

4.3.3 List of new employees joined during the year 2022-23.

Sr. No.	Name of the Employee	Designation
OFFICERS		
1	Shri Mihirkumar Rameshbhai Patel	Scientific / Technical Officer
2	Shri Gondabonia Chaitanya Kumar	Executive Engineer(Electrical)
ADMINISTRATIVE		
1	Shri Shirode Pawan Gajanan	Superintendent
2	Ms. Pathak Sayali Sunil	Superintendent
3	Shri Jadeja Devvratsinh Dhananjaysinh	Superintendent
4	Shri Ashraf Hussain	Superintendent
5	Shri Chitranjan Sharma	Superintendent
6	Shri Vipin V Sabu	Superintendent
7	Ms. Patel Manishakumari Manharlal	Senior Assistant
8	Shri Makwana Hardik Manubhai	Senior Assistant
9	Shri Ashwin Gupta	Senior Assistant
10	Shri Nikhil Brar	Senior Assistant
11	Shri Akash Sharma	Senior Assistant
12	Shri Ayar Gaurav Harbakshbhai	Senior Assistant
13	Shri Rupendra Kumar Jangid	Senior Assistant
14	Shri Patil Vivekanand Vishvasbhai	Senior Assistant
15	Ms. Parekh Vrundaben Anilkumar	Junior Assistant
16	Shri Rishabh Pal	Junior Assistant
17	Shri Mahendra Prajapat	Junior Assistant

Sr. No.	Name of the Employee	Designation
	TECHNICAL	
1	Shri Rajneesh Poonia	Junior Engineer
2	Shri Rahul Indaliya	Junior Engineer
3	Shri Desai Apurvkumar Amrutbhai	Junior Engineer
4	Shri Vaghela Jayeshkumar Nanjibhai	Junior Engineer
5	Shri Ajeet Singh Charan	Junior Engineer
6	Shri Vinay Maurya	Junior Engineer
7	Shri Rana Bhavin Jagdishbhai	Technical Assistant
8	Shri Harshil Halvadia	Technical Assistant
9	Shri Bodiwala Sunny Shaileshbhai	Technical Assistant
10	Shri Anil Kumar	Technical Assistant
11	Shri Amit Kumar	Technical Assistant
12	Shri Deepak Kumar	Technical Assistant
13	Shri Shayamlal Kumar	Technical Assistant
14	Ms. Desai Hena Nalinkumar	Technical Assistant
15	Shri Ravi Shankar Pandey	Technical Assistant
16	Shri Gohil Gaurav Jagadishbhai	Technical Assistant
17	Ms. Krishna Satapathy	Technical Assistant
18	Shri Himanshu Deora	Technical Assistant
19	Shri Raiyani Dhavalbhai Mansukhbhai	Technical Assistant
20	Ms. Mitali Dave	Technical Assistant
21	Shri Akash Kumar	Technical Assistant
22	Shri Chinthala Srikanth	Technical Assistant
23	Shri Samrat Singh	SAS Assistant
24	Shri Mishra Saurabh Gangaprasad	SAS Assistant
25	Shri Gokul Gopan	Library and Information Assistant
26	Shri Anand Mohan Jha	Library and Information Assistant
27	Shri Swarup Kumar Behera	Library and Information Assistant
28	Shri Chavhan Vishal Pralhad	Pharmacist
29	Shri Sujeet Gupta	Senior Technician
30	Shri Pradeep Sharma	Senior Technician
31	Shri Bhagat Mayank Ashokkumar	Senior Technician
32	Shri Divyanshu	Senior Technician
33	Shri Someshvar Prakash Chaudhari	Senior Technician
34	Shri Lokesh Krishna Sharma	Senior Technician
35	Shri Ganes Kumar	Senior Technician
36	Shri Bhavesh Kumar Jha	Senior Technician
37	Shri Saurabh Sharma	Senior Technician
38	Shri Satyam Kumar	Senior Technician
39	Ms. Gunjan Singh	Technician
40	Shri Aditya Kumar Bharti	Technician
41	Shri Behera Vrajbandhu Jayaram	Technician
42	Shri Kokare Shrihari Govind	Technician
43	Shri Santosh Kumar Yadav	Technician
44	Shri More Pratik Rajesh	Technician
45	Shri Katva Ghanshyam Bharatbhai	Technician
46	Ms. Patel Karishma Ashokkumar	Technician
47	Shri Sonu	Technician

Sr. No.	Name of the Employee	Designation
48	Shri Patel Samar Vinodbhai	Technician
49	Shri Kundan Kumar	Technician
50	Shri Aniket Gupta	Technician
51	Shri Suraj Singh	Technician
52	Shri Ashok Kumar Pandit	Technician
53	Ms. Desai Zankhna Ramanlal	Technician
54	Shri Prajapati Alpesh Prabhubhai	Technician
55	Shri Alok Kumar Jha	Technician
56	Ms. Puja Kumari Yadav	Technician
57	Shri Shivam Saurabh	Technician
58	Shri Bipin Pal	Technician
59	Shri Puneet Joshi	Technician
60	Shri Parmar Karan Nixanbhai	Technician

4.3.4 **List of employees on Extra-Ordinary Leave / Deputation / Lien / Sabbatical Leave during the year 2022-23.**

Sr. No.	Name	Designation	Remarks
1	Dr. Udai Pratap Rao	Assistant Professor	Lien for 2 years from 09/11/2022

4.3.5 **Staff position as on 30/06/2023**

Sr. No.	Cadre	Sanctioned	In position	Vacant
	Academic			
01	Director (Head of the Institute)	01	01	00
02	Professor	42	41	01
03	Associate Professor	85	64	21
04	Assistant Professor	169	119	50
	Sub Total (A)	**296+01**	**224+01**	**72**
	Administrative			
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	Senior 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	02	01
12	Superintendent Engineer	01	00	01
13	Sr. Executive Engineer	02	01	01
14	Executive Engineer	03	01	02
15	Senior Medical Officer (Chief Medical Officer)	01	01	00
16	Medical Officer	01	00	01
	Sub Total (B)	**30+01**	**11+01**	**19**
01	Technical Assistant / SAS Asst. / LIC Asst. / Jr. Engineer	35	31	04
02	Sr. Tech. Asstt. / Sr. SAS Asst. / Sr. SIS Asst. / Sr. Asst. Engr. / Pharmacist (SG-II)	27	00	27
03	Technical Assistant (SG-II) / SAS Asst. (SG-II) / LIS Asst. (SG-II) / Asst. Engineer (SG-II) / Pharmacist	18	03	15

Sr. No.	Cadre	Sanctioned	In position	Vacant
04	Technical Assistant (SG-I) / SAS Asst. (SG-I) / LIS Asst. (SG-I) / Asst. Engineer (SG-I)	09	04	05
	Total (I)	**89**	**38**	**51**
01	Technician	35	27	08
02	Senior Technician	26	11	15
03	Technician (SG-II) / Pharmacist	18	01	17
04	Technician (SG-I)	09	05	04
	Total (II)	**88**	**44**	**44**
	Sub Total (C) (I+II)(Higher + Lower)	**177**	**82**	**95**
01	Superintendent	09	08	01
02	Senior Superintendent / Stenographer (SG-I)	07	00	07
03	Superintendent (SG-II)	05	00	05
04	Superintendent (SG-I)	03	00	03
	Total (III)	**24**	**08**	**16**
01	Junior Assistant	20	06	14
02	Senior Assistant / Stenographer	15	11	04
03	Assistant (SG-II) / Sr. Stenographer	10	05	05
04	Assistant (SG-I) / Sr. Stenographer (SG-II)	05	04	01
	Total (IV)	**50**	**26**	**24**
	Sub Total (D) (III+IV) (Higher + Lower)	**74**	**34**	**40**
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	09	-04
	Sub Total (E)	**44**	**12**	**32**
	Grand Total (A+B+C+D+E)	**621+02**	**363+02**	**258**

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		41	
03	Associate Professor	296	64	72
04	Assistant Professor		119	
	(Teaching) Sub Total (A)	**296+01**	**224+01**	**72**
01	Officer	30+01	11+01	19
02	Technical Staff	177	82	95
03	Administrative Staff	74	34	40
04	Supporting Staff	44	12	32
	(Non-Teaching) Sub Total (B)	**325+01**	**139+01**	**186**
	GRAND TOTAL (A+B)	**621+02**	**363+02**	**258**

Details of status of filing of vacancies including backlog vacancies:

Year	Faculty	Non-faculty
2022-23	**NIL**	**60**

5.0   NIT COUNCIL, BOG AND OTHER COMMITTEES

5.1   NIT COUNCIL

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

01	Minister in charge, Ministry of Education, Government of India	Chairman (Ex-officio)
02	Secretary to the Govt. of India, Department of Higher Education, Ministry of Education	Member (Ex-officio)
03	The Chairperson of National Institutes of Technology located at Jaipur (Rajasthan), Nagpur (Maharashtra), Jalandhar (Punjab), Raipur (Chattisgarh), Rourkela (Orissa), Silchar (Assam), Srinagar (Jammu & Kashmir), Surathkal (Karnataka), Surat (Gujarat), Srinagar (Jammu & Kashmir) Surathkal (Karnataka) Trichy (Tamil Nadu) Warangal (Andhra Pradesh) Delhi (New Delhi) Mirozam, Sikkim, Puducherry, Agartala (Tripura), Allahabad (Uttar Pradesh), Arunachal Pradesh, Bhopal (Madhya Pradesh), Calicut (Kerala), Durgapur (West Bengal), Goa (Karnataka), Hamirpur (Himachal Pradesh), Manipur, Meghalaya, Nagaland, Patna (Bihar), Jamshedpur (Jharkhand), Kurukshetra (Haryana)	Member (Ex-officio)
04	Director of every National Institute of Technology	Member (Ex-officio)
05	The Chairman, University Grants Commission	Member (Ex-officio)
06	The Director General, Council for Scientific & Industrial Research	Member (Ex-officio)
07	Secretary, Department of Bio-Technology, Government of India	Member (Ex-officio)
08	Secretary, Department of Atomic Energy, Government of India	Member (Ex-officio)
09	Secretary, Department of Information Technology, Government of India	Member (Ex-officio)
10	Secretary, Department of Space, Government of India	Member (Ex-officio)
11	Chairman, All India Council for Technical Education	Member (Ex-officio)
12	Not less than three but not more than five persons to be nominated by the Visitor, at least one of whom shall be a woman, having special knowledge or practical experience in respect of Education, Industry, Science or Technology.	Member
13	Three members of Parliament of whom two shall be chosen by the House of People and one by the Council of States.	Member
14	Two Secretaries to the State Government from amongst the Ministries or Departments of that government dealing with technical education where the Institutes are located.	Member (Ex-officio)
15	Financial Advisor, Ministry of Human Resource Development (Now Ministry of Education), Government of India	Member (Ex-officio)
16	Joint Secretary to the Govt. of India (Technical) / Additional Secretary (Technical) / Department of Higher Education, Ministry Human Resource Development (Now MoE)	Member Secretary (Ex-officio)

5.2 BOARD OF GOVERNORS:

01	The Chairperson to be nominated by the Visitor	:	Vacant (specific nomination is to be made by the Ministry)
02	The Director, Ex-officio	:	**Prof. Anupam Shukla** 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.	:	**Ms. Saumya Gupta, IAS** Joint Secretary (NITs) Department of Higher Education, Ministry of Education, New Delhi-110001.
			Shri Sanjog Kapoor Joint Secretary & Financial Advisor Integrated Finance Division Ministry of Education, ShastriBhawan New Delhi-110 001
04	Two persons to be nominated by the Government of the State in which the Institute is situated, from amongst persons, who, in the opinion of that Government are technologist or industrialists of repute.	:	**Shri Rajiv Gandhi** CEO & Managing Director Hester Biosciences Ltd., Ahmedabad B/3, 399 Apartment, Opp: Nehru Foundation, Bodkadev Ahmedabad-380 054
			Shri Manharbhai Sanspara Chairman, Euro India Fresh Foods Ltd., Surat F-1177, Green Avenue Complex, Ghod dod Road, Athwalines, 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;	:	**Vacant** (specific nomination is to be made by the Council)
06	One Professor and one Assistant Professor or a Lecturer of the Institute to be nominated by the Senate.	:	**Prof. Harit K. Raval** Professor, Deptt. of Mech. Engg., SVNIT, Surat.
			Dr. Namrata D. Jariwala 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	:	**Prof. Amit Prashant** Professor, Civil Engg. Deptt., IIT, Gandhinagar
08	Registrar of the Institute – Ex-officio Secretary	:	**Dr. Pramod Mathur** Registrar, SVNIT, Surat.

5.3 LIST OF SENATE MEMBERS

Sr. No.	Name	
1	**Prof. Anupam Shukla** Director, SVNIT, Surat	Chairman
2	**Dr. R. P. Tewari** Professor, Department of Applied Mechanics MNNIT Allahabad, Prayagraj - 211004	Member
3	**Dr. Omkarprasad S Vaiya** Professor, Operation Management, Indian Institute of Management Lucknow, IIM Rd, Prabandh Nagar, Mubarakpur, Uttar Pradesh – 226013	Member
4	**Dr. Shashi Bala Singh** Director, NIPER Hyderabad NH 9, Balanagar Main Rd, Kukatpally Industrial Estate, Balanagar, Hyderabad, Telangana - 500037	Member
5	**Prof. Z. V. P. Murthy,** Professor (HAG),Deptt. of Chem. Engineering, SVNIT, Surat	Member
6	**Prof. P. A. Parikh,** Professor (HAG),Deptt. of Chem. Engineering, SVNIT, Surat	Member
7	**Prof. M. Chakraborty,** Professor, Deptt. of Chem. Engineering, SVNIT, Surat	Member
8	**Prof. J. K. Parikh,** Professor, Deptt. of Chem. Engineering, SVNIT, Surat	Member
9	**Prof. D. C. Jinwala,** Professor(HAG), Deptt. of Comp. Sci. Engineering & Dean(R&C), SVNIT, Surat	Member
10	**Prof. D. R. Patel,** Professor, Deptt. of Comp. Sci. Engineering, SVNIT, Surat	Member
11	**Prof. M. A. Zaveri,** Professor & Head, Dept. of Comp. Sci. Engineering, SVNIT, Surat	Member
12	**Prof. Jyotirmay Banerjee,** Professor & Head, Deptt. of Mech. Engg. SVNIT, Surat	Member
13	**Prof. Ravipudi Venkata Rao,** Professor (HAG), Deptt. of Mech. Engg., SVNIT, Surat	Member
14	**Prof. H. K. Raval,** Professor (HAG), Deptt. of Mech. Engg., SVNIT, Surat	Member
15	**Prof. D. P. Vakharia,** Professor, Deptt. of Mech. Engg., SVNIT, Surat	Member
16	**Prof. K. P. Desai,** Professor, Deptt. of Mech. Engg., SVNIT, Surat	Member
17	**Prof. Shailendra Kumar,** Professor, Deptt. of Mech. Engg., SVNIT, Surat	Member
18	**Prof. A. A. Shaikh,** Professor, Deptt. of Mech. Engg., SVNIT, Surat	Member
19	**Prof. T N Desai,** Professor, Deptt. of Mech. Engg., SVNIT, Surat	Member
20	**Prof. G. J. Joshi,** Professor & Head, Deptt. of Civil Engg, SVNIT, Surat	Member
21	**Prof. J. N. Patel,** Professor (HAG), Deptt. of Civil Engg., SVNIT, Surat	Member
22	**Prof. C. D. Modhera,** Professor (HAG), Deptt. of Civil Engg., SVNIT, Surat & Dean (Faculty Welfare), SVNIT, Surat	Member

Sr. No.	Name	
23	**Prof. P. L. Patel,** Professor (HAG), Deptt. of Civil Engg., SVNIT, Surat	Member
24	**Prof. V. L. Manekar,** Professor, Dept. of Civil Engg., & Dean (P&D), SVNIT, Surat	Member
25	**Prof. A. K. Desai,** Professor, Deptt. of Civil Engg., SVNIT, Surat	Member
26	**Prof. S. A. Vasanwala,** Professor, Deptt. of Civil Engg., SVNIT, Surat	Member
27	**Prof. C. H. Solanki,** Professor, Deptt. of Civil Engg., SVNIT, Surat	Member
28	**Prof. S. M. Yadav,** Professor, Deptt. of Civil Engg., SVNIT, Surat	Member
29	**Prof. R. A. Christian,** Professor, Deptt. of Civil Engg., SVNIT, Surat	Member
30	**Prof. K. A. Chauhan,** Professor, Deptt. of Civil Engg., SVNIT, Surat	Member
31	**Prof. M. Mansoor Ahmmed,** Professor, Deptt. of Civil Engg., SVNIT, Surat	Member
32	**Prof. Rakesh Kumar,** Professor, Deptt. of Civil Engg., SVNIT, Surat	Member
33	**Prof. P. G. Agnihotri,** Professor, Deptt. of Civil Engg., SVNIT, Surat	Member
34	**Prof. A. K. Panchal,** Professor & Head, Deptt. of Elect Engg, SVNIT, Surat	Member
35	**Prof. S. N. Sharma,** Professor, Deptt. of Elect Engg., SVNIT, Surat	Member
36	**Prof. Anandita Chowdhury,** Professor, Deptt. of Elect Engg., SVNIT, Surat	Member
37	**Prof. R. Chudamani,** Professor, Deptt. of Elect Engg., SVNIT, Surat	Member
38	**Prof. Varsha A. Shah,** Professor, Deptt. of Elect Engg., SVNIT, Surat	Member
39	**Prof. U. D. Dalal,** Professor, Dept. of Electronics & Comm. Engg., SVNIT, Surat	Member
40	**Prof. J. N. Sarvaiya,** Professor, Dept. of Electronics & Comm. Engg., SVNIT, Surat	Member
41	**Prof. Smita Jauhari,** Professor, Deptt. of Chemistry, SVNIT, Surat	Member
42	**Prof. A. K. Shukla,** Professor, Deptt. of Maths & Humanities, SVNIT, Surat	Member
43	**Prof. Neeru Adlakha,** Professor, Deptt. of Maths & Humanities, SVNIT, Surat	Member
44	**Prof. V. H. Pradhan,** Professor, Deptt. of Maths & Humanities, SVNIT, Surat	Member
45	**Prof. K. N. Pathak,** Professor, Deptt. of Physics, SVNIT, Surat	Member
46	**Dr. Pramod Mathur** Registrar, SVNIT, Surat	Secretary

5.4 FINANCE COMMITTEE:

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

5.5 BUILDING & WORKS COMMITTEE:

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

6.0   FINANCIAL STATUS

6.1   Grant-in-Aid received from Ministry of Education, Govt. of India. (Rs. In lakhs)

Source of Fund	(Recurring) & (Non-Recurring)		
	2020-21	2021-22	2022-23
OH-31	6626.25	6620.31	7099.83
OH-35	1391.75	1000.00	2292.00
OH-36	7141.35	7962.00	7290.00
Total	**15159.35**	**15582.31**	**16681.83**

6.2   Details of other receipts (Rs. In Lakhs)

Particulars	2020-21	2021-22	2022-23
Academic Receipt	3497.30	3814.97	4108.93
Other than Academic Receipt i.e. Rent from Staff Qtrs.., Bank / Hostel / Post Office/ Canteen, Interest on FDR, etc.	533.01	1141.007	1344.53
Total	**4030.31**	**4955.977**	**5453.46**

6.3   Expenditure position from Grant-in-Aid fund (Rs. in Lakhs)

Particulars	2020-21	2021-22	2022-23			Total
			OH-31	OH-35	OH-36	2022-23
Recurring (OH-31 & 36) Expenditure	16746.26	13309.9	7099.44	--	7285.51	14384.95
Non Recurring (OH-35) Expenditure	1215.78	3095.71	--	4153.84	--	4153.84
Total	**17962.04**	**16405.61**	**7099.44**	**4153.84**	**7285.51**	**18538.79**

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

Particulars	2020-21		2021-22		2022-23	
	Receipt	Expenditure	Receipt	Expenditure	Receipt	Expenditure
Receipt under DST Project/BRNS Project	23.66	44.97	208.30	14.67	35.95	35.08
Receipt under CSIR & Other projects	259.62	489.6	438.17	194.22	347.18	383.06
Total	**283.28**	**534.57**	**646.47**	**208.89**	**383.13**	**418.14**

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.

Sr. No	Department	Ongoing Projects		Completed Project		Total	
		No of Project	Sanction Amount	No of Project	Sanction amount	No of Project	Sanction Amount
1	Department of Mechanical Engineering	30	7,33,86,460	0	0	30	7,33,86,460
2	Department of Chemistry	10	4,70,52,829	0	0	10	4,70,52,829
3	Department of Mathematics & Humanities	5	1,15,50,518	0	0	5	1,15,50,518
4	Department of Physics	14	4,43,35,071	0	0	14	4,43,35,071
5	Department of Civil Engineering	22	9,35,67,665	0	0	22	9,35,67,665
6	Department of Chemical Engineering	16	5,72,82,966	0	0	16	5,72,82,966
7	Department of Computer Secience Engineering	2	1,97,90,571	0	0	2	1,97,90,571
8	Department of Electronics Engineering	9	4,92,55,222	0	0	9	4,92,55,222
9	Department of Electrical Engineering	9	3,29,00,982	0	0	9	3,29,00,982
	Total	**117**	**42,91,22,284**	**0**	**0**	**117**	**42,91,22,284**

7.1 SPONSORED RESEARCH PROJECTS SUMMARY (F.Y. 2022-23)

7.2   Research Projects Details (F.Y. 2022-23)

Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
	Department of Mechanical Engineering					
1	Combustor Technology Development for small Gas Turbine / Turbo fan Engine	Dr S A Channiwal	1,74,32,000	2 Years	02.05.17	Ongoing
2	Investigations on a Novel Stacked Minichennel Heat Sink using Efficient Coolants	Dr H B Mehta 9924999778	24,47,500	3 Years	05.10.17	Ongoing
3	Performance optimization of air conditioning system for automative sector using new LOW GWP R1234yf refrigerant	Dr. Ashok D Parekh	21,45,000	3 years	22.01.19	Ongoing
4	CSIR BHATNAGAR FELLOWSHIP 2018 "Dvelopment Of Hybrid Plasma Gasification Technology for MSW Management	Dr. S A Channiwala	78,00,000	3 years	01.01.19	Ongoing
5	Investigations on Wear Characteristics of NiCrBSi Overlay Surface on 304 SS with and without Tungsten Carbide Reinforcement	Dr. V D Kalyankar	1,20,000	18 Months	11.10.19	Ongoing
6	Linear Stability Analysis of Interface Dynamics in Two Phase Jets	Dr. Jyotirmay Banerjee	6,60,000	3 Years	04.03.20	Ongoing
7	Devlopment Of A Novel High Entrophy Alloy Reinforced Magnesium Composites to Reduce Tension-Compression Yield Asymmetry Trough Ultrasonic Assisted Liquid State Processing Route	Dr. Biranchi Narayan Sahoo	28,64,340	2 Years	27.11.20	Ongoing
8	Industrial suitability and commercialization of novel SPIF process for DC04 steel and Ti Gr.2 materials	Dr. Amrut Shrikant Mulay	16,74,240	2 years	08.02.21	Ongoing
9	Investigations on Flow deflection about savonius Hydrokinetic Turbines and design evolution with Core Technical Concepts	Dr. Vimal K. Patel Dr. Vikram P. Rathod	20,24,000	3 years	18.03.21	Ongoing
10	Gujarat Robofest 2.0 Compitition (Making the robot at the power exoskeleton category)	Dr. Harshit K Dave	50,000	-	30.03.21	Ongoing
11	Gujarat Robofest 2.0 Compitition (Making the robot in the underwater robot category)	Dr. Harshit K Dave	50,000	-	30.3.21	Ongoing
12	Gujarat Robofest 2.0 Compitition (Making the robot at the pipe climbing robot category)	Dr. Harshit K Dave	50,000	-	30.3.21	Ongoing
13	Gujarat Robofest 2.0 Compitition (Making the robot at the four legged robot category)	Dr. Harshit K Dave	50,000	-	30.3.21	Ongoing
14	Solar Drying cum Moisture Extraction from Herbs	Dr. Rohan Pande	2,50,000	1 year	23.11.21	Ongoing
15	A loop Heat pipe based Novel BTMS for Hybrid Vehicales/ Electric Vehicles	Dr. Hement Mehta Dr. V. M. Patel Dr. Yaresh Yamsetty	36,44,696	2 Years	04.01.22	Ongoing

Department of Mechanical Engineering						
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
16	Mechanical and Microstructural Behaviour of Laser Based Direct Enegrgy Deposited wire Arc-Additive Manufactured Ti-6A1-4V Components	Dr. Biranchi Narayan Sahoo Dr. Ajay Kumar (IIT, Tirupati) Dr. Raju Prasad Mahto Dr. D. V. Kiran (IIT Tirupati)	10,60,000	3 years	11.01.22	Ongoing
17	Design and Development of solar Driven Water Generation System based on Desiccant wheel	Dr. Amit Kumar	20,54,840	2 years	19.1.22	Ongoing
18	DST-FIST - To Strenghthen the research facilities in the department	Dr. J Benerjee 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	5 years	08.03.22	Ongoing
19	Finishing of 3D-Printed parts using an axail abrasive flow machining process	Dr Bhargave Prajwal Pathri (woxen university Hydrabad, telangana) Dr.Shailendra Kumar (Mentor)	18,30,000	3 years	17.03.22	Ongoing
20	Development, Characterization and Performance Eveluatio of Multi-Phase Composite Panels	Dr. Achchhe Lal	14,22,283	2 years	22.03.22	Ongoing
21	Investigation of thermal and Emissions and Characteristices with Multi Tube Inverse diffusion flame burner	Dr. Rupesh D Shah Dr. Baraiya Nikhil Ashokbhai	7,95,000	2 years	05.05.22	Ongoing
22	Design and Development of PCM based passive cooling system of E House	Dr. Manish K Rathod Dr. Jyotimay Banerjee	32,09,200	3 years	05.05.22	Ongoing
23	Development of Multi-Material Welding approach for Ultrahigh-Strength Steel and 7xxx aluminium alloys to promote light- weighting and green mobility in the automobile sector	Dr. Vivek D Kalayankar Dr. Mukund H Bade	15,70,000	2 years	05.05.22	Ongoing
24	Design and Development of a novel battery thermal management system based on the direct flow boiling of a bi-phasic catalyst with nanoparticle suspension	Dr. Rajesh Choudhary	19,51,790	2 years	18.10.2022	Ongoing
25	Development of 4-axis Extrusion-based 3 D printer to Fabricate Cylindrical Topology Structures	Dr. Sandip T. Patel , GEC Valsad Dr. Harshit K. Dave	1,97,000	3 years	01.02.23	Ongoing
26	Experimental Investigation on Functionally Graded Cellular Materials Fabricated using Additive Manufacturing Process	Dr. Lalit S. Patel,GEC Valsad Dr.Harshit K. Dave	1,95,500	3 years	01.02.23	Ongoing
27	Design, Development and fabrication of Electrocatalytic Reactor for energy efficient and cost effective Production of Bio-desel from higher generation feed stock	Dr. Kamlesh Arun Sorate	12,48,500	3 years	24.02.23	ongoing

Department of Mechanical Engineering						
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
28	Towards the performance of latent Heat Storeage Unit: A Numerical Investigation	Dr. Digant S. Mehta Dr. Manish K. Rathod	2,00,000	2 years	07.03.23	Ongoing
29	Technology Upgradation of a traditional jaggery making plant through porous media combustion for emission reduction & waste heat recovery	Dr. Rohan R.Pande Dr. P.V. Bhale Dr. Kamlesh Sorate Prof. R.A. Chistian (CED)	22,19,800	3 years	16.03.23	Ongoing
30	Design and development of solar driven desalination systen based on Air-Humidifaction Technique using Nano-Fluids	Dr. Amit Kumar Dr. Rajesh Chaudhary	39,70,771	3 years	22.03.23	Ongoing

Department of Chemistry						
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project - Functional Variants of Mussel Inspired Biomaterial Surface; effect to Surface Functional Groups on antibiofilm Properties\	Rajendra Kumar	28,91,000	3 years	08.03.16	Ongoing
2	Design of Green Synthetic Approaches for Automatically Precise Nanocluster their specific Interactions : Development of Miniaturised Analytical Method	Dr Suresh Kumar Kailasa (Co PI ZVP Murty)	35,04,655	3 Years	20.07.17	Ongoing
3	Polydopamine based Nanopartics with Antimicrobial and antiaesenic properties for water disinfection and remidiation	Dr.Rajendra Kumar	44,30,000	3 years	29.11.17	Transfer
4	Synthesses of Biologically active Heterocyclic Drug cores via multiple C-H bond Activation	Dr. Togati Naveen	33,95,830	3 years	29.09.21	Ongoing
5	Dye separation from Waste Water through Molecular Sieving Membranes of Covalent-Organic Frameworks	Dr. Ritambhara Jangir	28,53,784	2 Years	15.12.21	Ongoing
6	Development of autocatalytic enzyme-free nucleic acid amplification methods compatible with point of care diagnostics	Dr. subrata Dutta	31,81,040	2 years	04.01.22	Ongoing
7	Waste Water Treatment: Polymoxemetalates hybrids as Adsorbent of Organic Dyes	Dr. Ritambhara Jangir Dr. B.Z. Dholakiya	25,18,200	3 years	03.06.22	Ongoing

			Department of Chemistry			
Sr. No.	**Name of Project**	**Name of Co-ordinator**	**Grant Sanctioned**	**Duration**	**Date of Allotment**	**Status**
8	DST-FIST	Dr. Suresh kumar Prof. Smita Jauhari Dr. B.Z.Dholakiya Dr. Suban Sahoo Dr. Naved Malek Dr. K.C. Maheria Dr. Premlata Kumari Dr. Ketan Krupekar	2,03,00,000	5 years	05.01.23	Ongoing
9	Designing and Synthesis of Fluroscent Metal Organic Frameworks for Sensing Applications	Ms. Foziya Yusuf Vadia Dr. Suresh Kumar Kailasa Dr. Naved I. Malek	16,66,000	3 years	09.02.23	Ongoing
10	Development of Eco-Friendly Optical Probes for Monitoring of important growth hormes and pesticides in agricultutre soil	Dr. Suresh Kumar Kailasha Dr. Sanjay jha (Navsari Agricututre	23,12,320	2 years	27.03.23	Ongoing

			Department of Mathematics & Humanities			
Sr. No.	**Name of Project**	**Name of Co-ordinator**	**Grant Sanctioned**	**Duration**	**Date of Allotment**	**Status**
1	computational study on multi-dimensional stefan problems in biological tissues based on non-Fourier heat transfer model using mesh-free method	Dr. Sushil Kumar	16,20,518	3 years	05.06.18	Ongoing
2	Simulation and Land data assimilation to community land model for improving rice crop dynamics	Dr. R K Jana	22,20,000	3 Years	11.03.20	Ongoing
3	A Need-based Approch to Underastanding the Employ ability skills of engineers	Dr. Urvashi Kaushal	50,000	2 years	17.06.21	Ongoing
4	DST-FIST	Prof. A. K. shukla Prof. V. H. Pradhan Dr. sushil kumar Dr. Jayesh M Dhodiya Dr. Ramakanta Meher	70,00,000	5 years	8.3.22	Ongoing
5	Numerical Simulation of cancer treatment therapies hyperthermia and chemotheraph in multi dimensional irregular domain	Dr. Sushil Kumar	6,60,000	3 years	15.3.22	Ongoing

	Department of Physics					
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
1	BRNS Project –Ground – State properties of low dimensional quantum systems.	Dr L K Saini (33578593581)	14,49,250	3 years Wxtended up to 31.12.16	27.09.13	Ongoing
2	SERB Project – Srongly – correlated electronics materials, Topological quntumnano – materials	Dr L K Saini (33825879534)	14,04,000	3 years	24.02.14	Ongoing
3	SERB Project - Novel perovskite-based solar cells : Invetigation of potential properties using ab-initio approches	Dr Y A Sonavne	30,09,000	3 years	02.03.17	Ongoing
4	Development of Novel Cluster Assembled Material from Potential Cluster Motifs : A new Insight under density Functional Investigation	Dr Debesh Ranjan Roy	27,69,594	3 Years	03.07.17	Ongoing
5	conducting polymer nanocomposite (CPC) for selective and sensitiv sensor detection of explosive array	Dr. Swati Saxena	19,20,000	2 years	25.09.18	Ongoing
6	FIST - 2017	Dr. Vipul Kheraj	1,18,00,000	5 years	18.06.19	Ongoing
7	"TEC Data ingestion to ionospheric models from Indian EIA region to improve models predictions"	Dr. Sheetal P Karia	25,50,000	3 Years	05.07.19	Ongoing
8	Study of breakup reactions involving weakly bound projectile nuclei at Coulomb barrier energies	Dr. Dipika B Patel	21,31,200	2 Years	19.02.20	Ongoing
9	Group III-V Inogranic Semiconductor Clusters for Future Nanoelectronics Applications	Dr. Debesh Roy	33,67,513	3 Years	16.01.21	Ongoing
10	Physics and application of Plasma-srface interaection: tunning effect of Pulsed microwave electric field and megnetic field	Dr. Shail Pandey	35,00,000	6 years	16.07.21	Ongoing
11	Investigation of Novel Heusler Alloy thin Films for Energy and spintronics Applications	Dr. Himanshu Pandey	47,30,000	3 years	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	Dr. Sutapa Mondal Roy, Uka-Tarasadia univ. Dr. Debesh Ranjan Roy	18,30,000	3 Years	20.1.22	Ongoing
13	Systematic study of exotic nuclear systems using macro-microscopic and phenomenolocal approch	Dr. Rajni Sunil Kumar Dr. A.K.Rai (Mentor)	18,72,000	3 years	03.02.22	Ongoing
14	Interface engineering of 3D/2D Lead-Free Halide Perovskites Materials for Solar Cell	Dr. Yogesh Sonavane	20,02,514	3 years	01.03.23	Ongoing

	Department of Civil Engineering					
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
1	Strengthens the research facilities in the area of :Flow Structures and Turbines	Dr V L Manekar 35372951282	1,75,00,000	5 Years	21.11.14	Ongoing
2	Performance and design evaluation of test tracks of flexible pavement with waste materials in subbase and base Layers.	Dr. Satyajit Patel(Pi) Dr. C H Solanki(Co-Pi)	1,61,15,200	3 Years	31.03.16	Ongoing
3	Unnat Bharat Abhiyan Cell	Dr K D Yadav	1,75,000	1 years+up expandable	06.03.17	Ongoing
4	Preparation of Stale of Art Report (SOAR) on Preparation of Constriction Safety Manual	Dr Dilip Patel	8,36,900	6 Months+up to Expandeble	21.07.17	Ongoing
5	IT Indian Heritage Platform Enhancing Cultural Resilience in India by Applying Digital Technologies to the Indian Tangible and Intangible Heritage	Dr D A Patel	10,00,000	2 years	15.02.18	Ongoing
6	Impact of Climate change on water Resources of Sabarmati Basin	Dr.Vimal Mishra, IIT Gandhinagar Dr.P L Patel	84,91,560	3 Years	19.03.18	Ongoing
7	Impact of Climate change on Water Resources of Tapi Basin	Dr.P L Patel Dr.P V Timbadiya Dr.Rohit Goyal, MNIT Jaipur Dr.Vishnu prasad , MNIt, Bhopal	1,35,84,560	3 Years	13.03.18 (07.11.2016 Saction Date)	Ongoing
8	Securing Water for Agricultural and Food Sustainability: Devloping Transdisciplinary Approach to Groundwater Management	Dr. J N Patel	58,51,495	2 years	30.04.19	Ongoing
9	Development of Framework to Measure Sustainability Index Of Transportation Systems In Indian Metropolitan Cities	Dr. Shriniwas Arkatkar Dr. G J Joshi	82,32,000	3 years	22.02.19	Ongoing
10	Warrant for Automation of toll Plazas under Mixed Traffic Conditions	Dr. Ashish Dhamania	7,67,000	2 Years	13.4.21	Ongoing
11	Graphane-Based Nano materials in Property Enchancement of Cement Composities & Concrete under GIJCOST STI Policy	Dr. Gaurang R. Vesmawala Dr. Yogesh D. patil	27,77,500	3 Years	08.06.21	Ongoing
12	Conflict Assessment at Diverging and merging area of Toll plaza by surrogate safety measures under mixed traffic conditions	Dr. Ashish Dhamania Dr. A Mohan Rao Sr. Pr. CSIR, New Delhi	21,30,000	2 Years	10.08.21	Ongoing
13	Development of Trip Genration Manual for Indian cities	Dr. Shriniwas Arkatkar Dr. G J Joshi	8,69,000	3 Years	31.12.21	Ongoing

Department of Civil Engineering						
Sr. No.	**Name of Project**	**Name of Co-ordinator**	**Grant Sanctioned**	**Duration**	**Date of Allotment**	**Status**
14	Augmenting Ridership in Operating Metro Rail in Indian Cities	Dr. Gaurang J. Joshi Dr. S.S. Arkatkar	10,50,000	1 year	25.1.22	Ongoing
15	Local scouring around tandem and staggered bridge piers on non uniform mobile bed	Dr. P. V. Timbadiya Prof P.L. Patel	58,75,890	3 years	03.02.22	Ongoing
16	CCPDM-Circular Cemetitions Products Embedding Digital Manufacturing	Dr. D.A.Patel Dr. Kashyap Patel Dr. B.Kondrivendam	4,04,160	1 years	11.02.22	Ongoing
17	Performance Evaluation of Cement Concrete Pavements in Rural Roads	Dr. Shriniwas Arkatkar Dr. G J Joshi	22,04,000	1 year	30.3.22	Ongoing
18	Enhancing the Service Life of Concrete Structures through Cement less Concret or Geopolymer Concrete	Dr. B . Kandraivendhan Dr. C D Modhera	17,23,200	2 years	5.5.22	Ongoing
19	Examinig Congestion Mitigation Strategies for India Cities Towards Accompishment of Sustainable Habitat	Dr. Shriniwas Arkatkar Dr. G J Joshi Dr. Bhavesh Gohil	27,88,200	3 years	31.5.22	Ongoing
20	Construction Demolition Waste & Safety Menagement	Dr. D.A.Patel Dr. Kashyap Patel	3,00,000	1 year	10.11.22	Ongoing
21	Some Studies on performance of previous Concrete for improving soft soft Ground	Prof. J.B.Patel	6,92,000	2 years	20.06.16	Ongoing
22	DST - NIMAT (MOU - EDI) - To create techno-entrepreneurs and resource persons through Entrepreneur Development Programme Stratagy	Dr. C D Modhera (Rakesh Kumar)	2,00,000	3 years	22.08.16	Ongoing

Department of Chemical Engineering						
Sr. No.	**Name of Project**	**Name of Co-ordinator**	**Grant Sanctioned**	**Duration**	**Date of Allotment**	**Status**
1	SERB Project - " A Study on ultrasound assisted crystallization of clopidogrel hydrogen sulfate"	Dr S R Patel (10023051705)	15,76,000	2 Years	08.07.15	Ongoing
2	Study of Microbial Consotria in Microbial fuel cell	Dr A K Mungray (35373382053)	17,05,000	3 Years	28.07.15	Ongoing
3	The near future air cathode Osmotic microbial fuel cell (OMFC) for wastewater treatment,electricity generation and pure water extraction	Dr.Alka A Mungray	28,46,000	3 years	20.03.18	Ongoing

Department of Chemical Engineering

Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
4	Mango Waste Valorization Throgh Biorefining Concept: A Sustainable and Greener Approch	Dr. Meghal A Desai Dr. Girirajsinh C. Jadeja	50,60,880	3 years	10.10.18	Ongoing
5	Ultrasonic Microreactor for Production of Nano-Micro Particles of Poorly water Soluble Active Pharmaceutical Ingredients (API)	Dr. Sanjaykumar Rameshbhai Patel	51,41,750	3 years	01.06.19	Ongoing
6	Development of composite thin fillms with simultaneous different and magnetic properties	Dr. V N Lad	25,30,884	2 Years	25.02.20	Ongoing
7	Synthesis of Artifical Sweeteners and High Value Chemicals from Biorenewable Resources using Noble Metal Aerogel Catalysts	Prof K K Pant, IIT Delhi Prof. Jigisha Prarikh	21,45,264	3 Years	19.3.20	Ongoing
8	Development of Drug Delievry System Based on phase Change Materials	Dr. Jigisha Parikh Dr. S K Sundar	43,67,264	3 years	2.3.22	Ongoing
9	Production of Crude Oil and Phosphate Fertilizer from the Faecal Sludge : A Complete Solution for the Zero Liquid Discharge	Dr. Arvind Mugrey	36,13,764	3 years	5.3.22	Ongoing
10	DST-FIST-CHED	Dr. Jigisha parikh Dr. Meghal Desai Dr. Sanjay R. Patel Dr. G C Jadeja Dr. Chetan Patel	1,68,00,000	5 years	31.3.22	Ongoing
11	Catalytic Decomposition of Waste Biopolymers to value-added compounds	Dr. Parimal A Parikh	8,27,160	1 year	22.4.22	Ongoing
12	Synthesis and Rheological characterization of liposme stabilized Enulsion- Hydrogel Matrux for Controlled Release of Essential Oil	Dr. Sundar S K Dr. Jigisha Parikh	33,45,000	3 years	31.5.22	Ongoing
13	Selective air oxidation of 2 choloro toluene to 2 chlorobenaldehyde using Mn-Cu: and CeO2	Dr. Milap G. Nayak (Vishwarkarma Government Engg. Colledge Chandkheda) Dr. V.N.Lad	2,00,000	3 years	4.7.22	Ongoing
14	A Compact Novel Hybrid system for the human urine recycling and potable water recovery for long - term human space mission	Dr. Alka A. Mungray Dr. Arvind Kumar Mungray Dr. Shriram Sonawane, VNNIT Nagpur	17,50,000	2 years	26.7.22	Ongoing
15	A Study Evaluating the efficiency of smart carbonated water injections in maximizing both, the amount of Co2 sequestered and oil recovered, during enhanced oil recovery process in a mature oil field in india	Dr. Shilpa Kulbhushan Nandwani Dr. Mousumi chakeraborty (mentor)	35,74,000	3 years	06.09.22	Ongoing

	Department of Chemical Engineering					
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
16	A Stimuli -responsive PNIPAM based block copolymer aggregates as building blocks of smart aggregates for biomedical applications	Dr. Vijaykumar Ishverlal patel (Navyug Sci. College, VNSGU) Prof.Jigisha Parikh	18,00,000	3 years	17.10.22	Ongoing

	Department of Computer Science Engineering					
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
1	ISEA Project - " Phase - II released Grant in Aid"	Prof. D.C. Jinwala (35373382053)	1,85,70,000	5 years	12.02.16	Ongoing
2	Design and Implemetation of Secure Service and Attribute-based Authorization Model in Dynamic and constrained-specific IoT Environment	Dr. Udai Pratap Rao	12,20,571	2 years	12.12.21	Transfer

	Department of Electronics Engineering					
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
1	SMDP Project - " SMDP C2SD Project"(Special Manpower Development Programme Chips to System Design	Dr A D Darji(Pi) Prof. Pinal J Engineer(Co. Pi)	99,72,000	5 years	04.02.15	Ongoing
2	" Young Faculty Research Fellowship	Dr Piyush N Patel	14,80,000	2 Year Ext up to 5 Years	15.01.18	Ongoing
3	study&implimentation of generative Aelversariaol network (GANS) for image super-resolution :Application to image capture using CCTV Camera	Dr. kishor p Upla	23,03,180	3 years	21.08.18	Ongoing
4	Fractal metamaterial and its application to wearable antennas	Dr. Kirti Inamdar Dr. Upena D Dalal	30,14,420	3 years	10.10.18	Ongoing
5	Design and Development of Co-Planar Waveguide based Wearable Bio-Sensor for Medical Application	Dr. Piyush Patel	17,69,000	3 Years	08.07.20	Ongoing
6	Deep learning based signal classification for position accuracy of NavIc/GPS.	Dr. Darshna dipen jaggiwala Dr. Sweta shah (Mentor)	24,80,220	2 years	12.10.21	Ongoing

	Department of Electronics Engineering					
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
7	Caps Network-International Network for capsule Imaging in Enoscopy	Norway University of Science and technology (NTNU) DR. Kishor P. Upla (Co-pi)	61,00,000	5 years	3.02.22	Ongoing
8	Design and development of MEMS -based portable platform with inoselesctive Self-Assemble Monolayer SAMs for the detection of toxic Metal lons HMIs in ground water	Dr.Anand Darji Dr. Dinesh Rotake	34,27,402	3 years	30.3.22	Ongoing
9	Capacity building for human resource development in unmanned aircraft system (drone and related technology)	Dr. Anand Darji (chief investigator) Dr. Dipti Rana (chief investigator) Dr. Suresh Dahiya (Co-hief investigator)	1,87,09,000	5 years	31.10.22	Ongoing

	Department of Electrical Engineering					
Sr. No.	Name of Project	Name of Co-ordinator	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project - Development of Control Algorithms for shunt and series connected Custom Power Devices.	Dr. Sabha Raj Arya (35373382053)	44,10,560	3 years	17.08.16	Ongoing
2	Development of enhanced Predictive Current Control and Predictive Torue Control strategies for Open-end Winding Permanent Magnet Synchronous Motor Drive with less torque ripple for Electric Vehicales	Dr. Kunisetti V. Praveen kumar	28,96,910	2 Years	19.01.21	Ongoing
3	Design and control of renewable energy based AC Microgrid Systems	Dr.Rajesekharareddy Chilipi	32,94,500	2 years	29.12.21	Ongoing
4	Hardware Implementation of 3SS Inverter Configuration in solar Grid-Tried Systems for Effective energy Utilization Using Wide Bandgap Switches	Dr. Jammala Venkatramanaiah	46,31,264	3 years	16.3.22	Ongoing
5	Wide Band Gap Device Based Next-Generation Intelligent Electric Tranction Drive System for Electric Vehicle Application	Dr. Sukanta Halder	30,91,061	3 Years	31.3.22	Ongoing
6	Intelligent Control for Active Shunt Compensator in Wind based Renewable Energy System for Remote Power Application	Dr. Sabha Raj Arya Dr. Rajasekhara reddy Chilipi DR. Ashutosh K Giri (G.E.C. Bharuch)	48,78,200	3 years	4.5.22	Ongoing

	Department of Electrical Engineering					
Sr. No.	**Name of Project**	**Name of Co-ordinator**	**Grant Sanctioned**	**Duration**	**Date of Allotment**	**Status**
7	USBL Tracking and Passive Localization of Targets using Correntropy and Moving Horizon Estimates	Dr. Rahul Radhakrishnan Dr. S.N.Sharma	12,76,505	18 Months	13.12.22	Ongoing
8	Development of Advanced Non-Liner Non- Gaussian state estimators with application to Real-Life Problems	Dr. Rahul Radhakrishnan Dr. S.N.Sharma	21,29,718	3 years	28.12.22	Ongoing
9	Design and Development of smart BMS with Cell Surface Temprerature Estimation	Dr. Mahmadasraf A Mulla Dr. Sanjay Tolani	62,92,264	3 years	27.01.23	Ongoing

7.3 Consultancy &Testing Details (F.Y. 2022-23)

Sr. No.	**Department**	**Proposed Project Amount**	**Total Nos. of Project**
1	Department of Civil Engineering	28,12,45,010	509
2	Department of Mechanical Engineering	14,16,430	5
3	Department of Electrical Engineering	10,83,318	8
4	Department of Physics	30,000	1
5	Department of Chemical Engineering	3,00,000	1
	TOTAL	**28,40,74,758**	**524**

	TESTING (F.Y. 2022-23)		
Sr. No.	**Department**	**Testing Amount**	**Type of Testing Activities**
1	Department of Chemical Engineering	9,500	Routine testing charges like Soil testing, chemical testing, Cement Testing, ACC block testing, Water Testing etc.
2	Department of Chemistry	57,430	
3	Department of Civil Engineering	82,40,166	
4	Department of Computer Secience Engineering	-	
5	Department of Electrical Engineering	5,08,000	
6	Department of Electronics Engineering	3,000	
7	Department of Mathematics & Humanities	-	
8	Department of Mechanical Engineering	3,48,650	
9	Department of Physics	-	
	TOTAL	**91,66,746**	

8.0 PATENTS & DESIGN (F.Y. 2022-23)

SUMMARY OF PATENTS

Sr. No.	Name of Department	Patents filed	Patents Granted
1	Dept of Chemical Engineering	03	07
2	Department of Chemistry	02	00
3	Department of Civil Engineering	01	01
4	Department of Mechanical Engineering	03	00
	TOTAL	**09**	**08**

Patents filed during the year 2022-23

Sr. No.	Deptt.	Date of filing	Title of Patent	Application No.	Inventor(s)
1	DoC	01.06.2022	"Cardanol Based Bio-polyol and Process for Preparation Thereof"	202221031336	Dr. B Z Dholakiya
2	DoC	01.12.2022	" An Industrial One Pot Process for the Preparation of Chlorzoxazone"	202221069494	Dr. Premlata Kumari Mr. Mahesh D Vaghasiya
3	DoME	13.12.2022	"Hybrid PCM-based Heat Sink Coupled with Heat Pipe for Thermal Management of Electronics Systems"	202221071861	Dr. Naresh Yarramsetty Dr. J Banernjee
4	DoChE	14.12.2022	"H-Bn@Mil-101(Cr)/Pvdf Photocatalytic Mix Matrix Membrane For Degradation Of Reactive Dye From Textile Industry Effluent"	202221072399	Mr. Amol Sonawane Dr. Z V P Murthy
5	DoChE	20.12.2022	"Method Of Fabricating Tio2@Mil-101(Cr)/Pvdf Photocatalytic Mix Matrix Membrane And Reactive Dyes Degradation Using The Same"	202221073749	Mr. Amol Sonawane Dr. Z V P Murthy
6	DoME	29.12.2022	"Upward Swirl Type Combustor With Reverse Fuel Injection And Radial Air Distribution System"	202221076775	Mr. Parag Rajpara Dr. Rupesh Shah Prof. Jyotirmay Banerjee
7	DoChE	01.01.2023	"Fabrication of Deep Eutectic Solvent Encapsulated MIL-53(Fe) based Chitosan Bio-polymeric Membrane for Organic Solven Separation"	202321000038	Dr. Z V P Murthy Mr. Amol Vijay Sonavane Mr. Dipeshkumar Kachhadiya
8	DoME	07.02.2023	"Storm Proof Vertical Axis Wind Turbine"	202321007880	Dr. Prabhansu Mr. Yash Mandaliya Mr. Sunil Bagde Mr. Mohd Aman Sidiqqui Mr. Somdeep Bhushan
9	DoCE	26.02.2023	"Volumetrically Redistributed Headed Stud Shear Connectors"	202321013007	Dr. Y D Patil Mr. Rahul Pardeshi

Patents granted during the year 2022-23

Sr. No.	Deptt.	Grant Date	Title of Patent	Patent No.	Inventor(s)
1	DoChE	20.05.2022	" Process for Synthesis of Copper Zinc Tin Sulfide CZTS Material as Hole Transport Material"	397301	Dr. Jignasa V Gohel Mr. Siddhant B Patel
2	DoChE	20.09.2022	"Process for vitamin supplements size reduction using hydrotropic antisolvent crystallization"	407111	Dr. Desai Meghal A Mr. Akash D. Patel
3	DoCE	22.11.2022	"Coconut Palm Stem Shaped Headed Stud Shear Connector"	412146	Dr. Y D Patil Mr. Rahul Pardeshi

Sr. No.	Deptt.	Grant Date	Title of Patent	Patent No.	Inventor(s)
4	DoChE	29.11.2022	"Method for Preparation of Curcumin Nanoparticles"	412886	Dr. Z V P Murthy Mr. Amol Vijay Sonavane Ms. Kanika Meena Dr. Chetankumar M Patel
5	DoChE	02.12.2022	"Method for synthesis and fabrication of MWCNT@ZIF-8-67/PVDF nanocomposite mixed matrix membrane for pervaporative saltwater desalination"	413558	Dr. Z V P Murthy Mr. Dipeshkumar Kachhadiya Mr. Amol Vijay Sonavane Dr. Chetankumar M Patel
6	DoChE	20.12.2022	"Method for Photocatalytic Degradation of Drimaren Orange P2R Dye using ZIF-8/Ag3PO4/PVDF Photocatalytic Mixed Matrix Membrane"	415007	Dr. Z V P Murthy Mr. Amol Vijay Sonavane Mr. Dipeshkumar Kachhadiya Dr. Chetankumar M Patel
7	DoChE	17.03.2023	"Method for Photocatalytic Degradation of Drimaren Orange P2R Dye using h-BN/Ag3PO4/PVDF Photocatalytic Mixed Matrix Membrane"	425664	Dr. Z V P Murthy Mr. Amol Vijay Sonavane Dr. Chetankumar M Patel
8	DoChE	19.04.2023	"Method for Photocatalytic Degradation of Drimaren Orange P2R Dye using MoS2/Ag3PO4/PVDF Photocatalytic Mixed Matrix Membrane"	429315	Dr. Z V P Murthy Mr. Amol Vijay Sonavane Dr. Chetankumar M Patel

Design Registration (F.Y. 2022-23)

Sr. No.	Name of Department	Design filed	Design Accepted
1	Department of Chemical Engineering	8	11
2	Department of Chemistry	-	-
3	Department of Civil Engineering	2	3
4	Department of Computer Science & Engineering	-	-
5	Department of Electrical Engineering	-	-
6	Department of Electronics Engineering	-	-
7	Department of Mathematics & Humanities	-	-
8	Department of Mechanical Engineering	4	8
9	Department of Physics	1	1
	TOTAL	**15**	**23**

Design Registration (F.Y. 2022-23)

Sr. No.	Deptt.	Date of Registration	Title of Design	Application No.	Inventor(s)
1	CED	05.04.2022	"Setup for Measurement of Plane Strain Angle of Repose of Sand"	361992-001	Dr. Jitesh T Chavda Mr. Mandala Vishnuvardhan
2	MED	17.04.2022	"Saitary Patch"	362650-001	Ms. Nishi Mehta Dr. Pallvita Yadav Dr. Sarita Kall
3	MED	19.04.2022	"Unmanned All Terrain Vehicle"	362750-001	Dr. Vimal K Patel & Others
4	CHED	26.04.2022	"Distillation Set-up for Essential Oil Extraction"	363213-001	Dr. Desai Meghal A Prof. Jigisha K Parikh Dr. G C Jadeja Dr. S R Patel
5	CHED	27.04.2022	"Annular array shell for distillation of essential oil"	363355-001	Dr. Desai Meghal A Prof. Jigisha K Parikh Dr. G C Jadeja Dr. S R Patel
6	CHED	06.05.2022	"Electro-fermentation System"	363792-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy
7	CHED	07.05.2022	"Solar Powered Water Filtration and Cooling System"	363887-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy
8	CHED	08.05.2022	"Hollow Fiber Membrane Module Regeneration System"	363895-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy

Sr. No.	Deptt.	Date of Registration	Title of Design	Application No.	Inventor(s)
9	CHED	08.05.2022	"Reverse Osmosis (RO) Membrane Module Regeneration System"	363896-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy
10	CHED	09.05.2022	"Water pH Control System"	363900-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy
11	CHED	24.05.2022	"Ultrasonication Assisted MBR System for Water and Wastewater Treatment"	364672-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy
12	APD	16.06.2022	"Machine for Casting of Metallic Alloy Ingots"	366210-001	Dr. Himanshu Pandey Dr. Shail Pandey Mr. Subhash P Pai
13	MED	08.10.2022	"Wind Turbine"	372209-001	Dr. Prabhansu Mr. Yash Mandaliya Mr. Sunny Begde Mr. Mohd Amman Siddiqui Mr. Somdeep Bhushan
14	CED	28.10.2022	"Triangular Ribbed Headed Studd Shear Connector"	373200-001	Dr. Y D Patil Mr. Prakash Abhiram Singh Mr. Rahul Pardesi
15	MED	26.11.2022	"Pedal Assembly for Vehicle Hydraulic Braking System"	374695-001	Dr. Prabhansu Mr. Yash Mandaliya Mr. Aman Vyas Mr. Avdhesh Kumar Mr. Dhruvil Patel Mr. Khushveer Charan

Design Accepted (F.Y. 2022-23)

Sr. No.	Deptt.	Date of Acceptation	Title of Design	Design No.	Inventor(s)
1	CED	20.04.2022	"Construction Fastener"	339875-001	Dr. Yogesh Deoram Patil Mr. Rahul Tarachand Pardeshi
2	MED	06.05.2022	"Battery Stack Cooling System for Electric Vehicles"	341247-001	Dr. Hemantkumar B Mehta Mr. Milan Vachhani
3	CHED	01.04.2022	"Membrane bioreactor system for water and wastewater treatment"	354237-001	Dr. Z V P Murthy Mr. Amol Vijay Sonavane Dr. Chetankumar M Patel
4	CHED	08.04.2022	"Wavy Flow Channel Membrane Module for Oil-water Separation"	357326-001	Dr. Z V P Murthy Mr. Amol Vijay Sonwane
5	CHED	27.07.2022	"Annular array shell for distillation of essential oil"	363355-001	Dr. Desai Meghal A Prof. Jigisha K Parikh Dr. G C Jadeja Dr. S R Patel
6	CED	08.06.2022	"Setup for Measurement of Plane Strain Angle of Repose of Sand"	361996-001	Dr. Jitesh T Chavda Mr. Mandala Vishnuvardhan
7	CHED	10.06.2022	"Flat Sheet Membrane Casting Unit"	360649-001	Dr. Z V P Murthy Mr. Amol Vijay Sonwane
8	CHED	27.05.2022	"Direct Contact Membrane Distillation Module for Desalination"	360754-001	Dr. Z V P Murthy Dr. Sarita Kalla Mr. Amol Vijay Sonwane
9	MED	24.06.2022	"Saitary Patch"	362650-001	Ms. Nishi Mehta Dr. Pallvita Yadav Dr. Sarita Kall
10	CHED	29.07.2022	"Hollow Fiber Membrane Module Regeneration System"	363895-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy
11	CHED	23.09.2022	"Reverse Osmosis (RO) Membrane Module Regeneration System"	363896-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy
12	CHED	23.09.2022	"Water pH Control System"	363900-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy
13	MED	25.11.2022	"Wind Tunnel"	327850-001	Dr. S A Channiwala Mr. Hardikkumar B Modh Mr. Parth Dilipkumar Shah Mr. Taha Yunus Poonawala Mr. Ashwin Mathsa Mr. Ankush Kulshreshtha Ms. Rashi Denge

Sr. No.	Deptt.	Date of Acceptance	Title of Design	Design No.	Inventor(s)
14	APD	23.12.2022	"Machine for Casting of Metallic Alloy Ingots"	366210-001	Dr. Himanshu Pandey Dr. Shail Pandey Mr. Subhash P Pai
15	MED	04.11.2022	"Tapered Variable Channel Width Minichannel Heat Sink"	332651-001	Dr. Hemantkumar B Mehta Mr. Nishant M Shah Dr. Jyotirmay Banerjee
16	MED	06.01.2023	"Wind Turbine"	372209-001	Dr. Prabhansu Mr. Yash Mandaliya Mr. Sunny Begde Mr. Mohd Amman Siddiqui Mr. Somdeep Bhushan
17	CED	09.01.2023	"Triangular Ribbed Headed Studd Shear Connector"	373200-001	Dr. Y D Patil Mr. Prakash Abhiram Singh Mr. Rahul Pardesi
18	MED	20.01.2023	"Racing Car"	353956-001	Dr. Hemantkumar B Mehta Students
19	CHED	20.01.2023	"Dynamic Forward Osmosis Integrated Membrane Bioreactor System"	357320-001	Dr. Z V P Murthy Mr. Amol Vijay Sonwane
20	CHED	27.01.2023	"Dynamic FO Membrane Module for Water and Wastewater Treatment"	357493-001	Dr. Z V P Murthy Mr. Amol Vijay Sonwane
21	MED	10.02.2023	"Automobile Radiator with Vortex Generator"	342547-001	Dr. Manish K Rathod Mr. Ashishkumar J Modi
22	MED	10.03.2023	"Pedal Assembly for Vehicle Hydraulic Braking System"	374695-001	Dr. Prabhansu Mr. Yash Mandaliya Mr. Aman Vyas Mr. Avdhesh Kumar Mr. Dhruvil Patel Mr. Khushveer Charan
23	CHED	24.03.2023	"Electro-fermentation System"	363792-001	Mr. Amol Vijay Sonawane Dr. Z V P Murthy

9.0 ALUMNI AND RESOURCE GENERATION

The Office of Dean (Alumni & Resource Generation) initiated the task of collecting and compiling database of the vast Alumni network spread all across the globe. Further, the drafting of Policy for Contribution, Gifts and Donations to the institute is also under process. This policy will enable the process of recognizing the donations received by the institute in terms of money and/or kind. Further, the office is actively working on developing an improved version of webpage for Alumni activities.

Joint Activities with Alumni Association - Year 2022-23

- SVNIT Alumni Association supported economically weaker students by providing financial assistance of Rs 25000/- towards tuition fee in 2022-23 to the following students:

    1) Himanshu K Gajera (Ph.D. - Computer) for International Conference.

    2) Anusha Vasaikar (M.Sc.- Physics) for tuition fees.

    3) Souptik Pal (UG - Civil) for tuition fees.

    4) Ayushman (M.Sc.- Chemistry) for tuition fees.

    5) Pooja Maheshwari (M.Sc.- Chemistry) for tuition fees.

    6) Jadav Vineet (M.Sc.- Physics) for tuition fees.

    7) Deep Solanki (M.Sc.- Physics) for tuition fees.

    8) Leua Vasundhara (M.Sc. – Chemistry) for tuition fees.

    9) Rathula Praveen (M.Sc. – Physics) for tuition fees.

    10) Rajnish Sharma (UG – Mechanical) for tuition fees.

    11) Sweta Saroj (M.Sc. – Mathematics) for tuition fees.

    12) Aman Tiwari (M.Sc. – Chemistry) for tuition fees.

    13) Abhishek Kumar (M.Sc. – Physics) for tuition fees.

    14) Krishnaraj (Ph.D – Chemistry) for International Conference.

    15) Ashok Parmar (Ph.D – Electronics) for International Conference.

    16) Manoj P. (M.Sc. – Mathematics) for Final semester dissertation.

    17) Piyush AK sharma (M.Sc. – Chemistry) for Final semester dissertation (Germany).
        Goyani Jaydip (Ph.D – Civil) for International Conference.

- Rs. 25,000/- supported for Unnat Bharat Abhiyaan. A group of seven ladies from bhatlai village near Hajira, were making organic sanitary pads. (Association given funds to Dean (R & C).
- Rs. 25,000/- supported for Spicmacay, SVNIT – students chapter.
- 18th Annual Alumni Convention celebrated on 24th December 2022.
- ISRO Exhibition for NIT Students in SVNIT campus from 23rd - 25th Dec.2022 during our Annual Alumni Convention was done.
- Donated tricycle for handicap students by Alumni Association during Annual Convention.

10.0 STUDENTS' AMENITIES AND ACTIVITIES:

10.1 Students'Council:

The Student's 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 2022– 2023 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., DoCSE
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 (2022-2023)

[1] Executive wing

Roll No.	Candidate Name	Post
I19CY013	Sarvesh Kumar	Academic Affairs Secretary
U19ME098	Shreeji Shaileshkumar Patel	Alumni Training Placement Affairs Secretary
U19ME024	Jadhav Rutuja Jagannath	Co- Curricular affairs Secretary
U19CE052	Ayushman Rajpurohit	Cultural Affairs Secretary
U19EC154	Chandu Garudachalam	Hostel Affairs Secretary
U19EE037	Popat Janavi Chetankumar	Research Innovation Affairs Secretary
DS20CE008	Pranat Jain	Sports Secretary
U19CH091	Raghav Khandelwal	Student General Secretary

[2] Student Affairs Council (SAC)

Roll No.	Candidate Name	Post
U20CE033	Khatri Vaidehi Anilkumar	Day Scholars Representative
P21ME007	Kuber Singh	M.Tech 2nd Year Councilor
P21SM019	Solanki Piyush Mukeshbhai	
P21UP015	Bedke Dhanashree Navanath	
D20CE030	Ananda Mitra	Ph. D. Councilors from the Engg. Prog.
D21CE004	Anirudh Mishra	
D17PH004	Raval Adhish Vinodbhai	Ph. D. Councilor from Sci. & Hum.

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 (CoWs) 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).

All 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, Vasant Panchami, Krishna Janmashtami, Ganesh Puja, Holi, Diwali, Lohriand New Year's Eve, etc. The Hostel section provides financial supports to events like KASHISH / Abhinandan (first-year welcome programme), sports events like Night Cricket Tournament (MMNCT).

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.

HOSTEL WISE OCCUPANCY-2022-23

Name of Hostel	Year	Room	Capacity	Total Students
Bhabha Bhavan	B.Tech-III, M.Sc-IV, B.Tech-II, M.Sc-II, PhD-III onwards	454	908	873
Gajjar Bhavan	B.Tech-I, M. Sc-I, M. Tech-I, Ph. D	588	588	1002
Sarabhai Bhavan	M.Tech-II	132	264	170
Tagore Bhavan	B.Tech-III,M.Sc-IV,B.Tech-II,M.Sc-II	192	192	259
Nehru Bhavan	B.Tech-IV,M.Sc-V, M.Sc-III	204	204	250
Raman Bhavan	PhD (Family)	94	94	94
Swami Vivekanand Bhavan	B.Tech-III,M.Sc-IV,B.Tech-IV,M.Sc-V	950	950	912
Mother Teresa Bhavan (Girls Hostel)	All Girls of B.Tech, M.Sc., M.Tech and Ph.D.	800	800	831
	Total	**3414**	**4000**	**4391**

10.3   Student Activity Centre

The Department of physical education conducted various sports events for students, staff and their families across the year. With support of institute, Department of Physical Education organized intramural and extramural sports events. Department extended complete support to all activities proposed by Ministry of Education, Government of India and NITs.

Indoor Sports and Recreational facility :
The Department of Physical Education (DPE) look after various students' activities and also provides the opportunity for employees and their family members to participate in sports tournaments. The Department of Physical Education consists of a Student Activity Centre (SAC) which has indoor sports and recreation facilities. The SAC offers an ultramodern gymnasium with state of the art fitness equipments. The weightlifting training platform is a new addition on the floor of the gymnasium. The Table Tennis hall is a perfect venue to invest leisure time. A synthetic floor is installed in TT hall for better friction and cushioning to reduce chances of injuries to the players. The pool table hall is a vibrant location to play games of snooker and billiards. DPE constantly puts their efforts for maintenance of the equipments in the pool table room. The badminton courts are updated with new LED lights. The students also enjoy playing chess and carom at SAC. The new Kabaddi mats have made the game more enjoyable and safe.

Outdoor Sports facilities :
The outdoor facilities, like Basketball and Tennis (with international class-3 lights) , Basketball courts, Volleyball courts, Kho-kho and Handball filed are all covered with lights. The auto on/off system of the lights is a new feature for the sports grounds.

The DPE also develops a new dedicated cricket ground. Developing a separate cricket ground enabled the institute to host and organize multiple cricket tournaments. The DPE also overcomes the challenges associated with the condition of the football field. With dedication, efforts and an inter-personal relationship with Surat district Football association, the football ground has been made playable again.

Host of the event :
Our prestigious institute was unanimously awarded the responsibility to host the All India Inter NIT Cricket, Power lifting, Weightlifting, and Bodybuilding Tournament 2022–23 at the All India Inter NIT Sports Calendar Meeting held at NIT Srinagar (UK) due to the grand success of the sports tournament hosted by SVNIT in year 2020–21. The institute left no stone unturned to make the event successful. The institute extended efficient and comfortable transportation, healthy and hygienic food, and comfortable accommodation to the participants and officials of the events.

The event was graced by the presence of prominent personalities. The cricket tournament was inaugurated by the commissioner of police in Surat, Mr. Ajay Kumar Tomar, and power sports was inaugurated by Jayveerrajsingh Gohil, prince of Bhavnagar. The event was completed without incident. Mr. Mahendra Chavan, an international bodybuilder, spared his valuable time to motivate participants in the bodybuilding competition. The Home Minister (and Minister of Sports), Mr. Harsh Sanghvi, gave away trophies to the champion cricket teams. Mr. Anshul Kothari, an international swimmer, gave away medals to the winners of power sports. The institute also engaged Mr. Robin Simon, Sports Officer, NIT Nagpur, as a neutral observer to look after the protest, but no single protest was registered. Prof. Dr. Ravi Kumar from NIT Warangal and Mr. Robin Simon delivered feedback speeches with positive remarks.

Achievements at Extra mural events : The Department of Physical Education is committed to creating and providing opportunities for deserving, talented students. The DPE has a strong belief in and practice of fair selection trials for all individuals to secure positions on sports teams. More than one selection trial has been offered to the students engaged in academic, curricular, co-curricular, and extracurricular activities. Additional trials were also offered to the player, which ended with lower performance compared to regular days. Additional trials were also offered to the players in the last positions. To keep the trials unbiased, selectors from other organizations were called. In general, the selection process was completed in multiple days.

To shape the team, a pre-competition training camps were organized. The achievements of extramural events are listed below.

Winners of SVNIT contingent at All India Inter NIT Tournament at MNIT Jaipur- 2022-23 from 17ᵗʰ to 19ᵗʰ November, 2022

No.	Name	Roll No.	Game	Tournament	Rank
1.	PRIYAM JAIN	U19CH029	Tennis	All India Inter NIT Lawn Tennis Tournament at MNIT Jaipur- 2022-23	3rd Position
2.	SAKET JHA	U21CE062	Tennis		
3.	AYUSH DAGA	U20EE072	Tennis		
4.	DHYEY JAYESH THAKKAR	U19CS085	Tennis		
5.	BHUKYA RAMBABUI	I18MA034	Athletic	**Discuss –**Silver **Javelin -** Bronze	
6.	UTKARSH KUMAR SINGH	I20PH056	Athletic	**Shot put -** Silver	
7.	ANUSREE ANILKUMAR	U19EE041	Athletic	**Discuss Throw -** Bronze	
8.	DHARITA MANISH CHAUDHARI	U19CS096	Athletic	**400 meter –** Silver **Long Jump –** Silver	

SVNIT Surat became Runner up Champion in All India Inter NIT Volleyball (Womens) Tournament at NIT Surathkal.

AKSHITA GUPTA, SHREYA PATEL, SHASHWATHA KARKERA, ANJALI AGRAWAL, MANSI SOLANKI, AMRUTA LAMBE, , DIKSHA PASARI, TARJANI PATEL, ISHIKA SANGHAVI, SAKSHI BHUSHAN, PRIYA KANWAR, TANISHA GUPTA

SVNIT Surat became 2ⁿᵈ Runner up in All India Inter NIT Swimming championship at NIT Rourkela.

AMAN VYAS, VISHVESH TRIVEDI, SHREEJI PATEL, MOHIT JANI & KRISHNA PATHAK with Sports Secretary Pranat Jain, H.O.D. Physical Education Dr. N. K. Datta and Dean (SW) Dr. Ravikant

SVNIT Surat became 2nd Runner up Champion in All India Inter NIT Tennis Tournament at MNIT Jaipur.

PRIYAM JAIN, SAKET JHA, AYUSH DAGA & DHYEY JAYESH THAKKAR with Director Prof. Anupam Shukla, Dean (SW) Ravikant, HOD PE Dr. N. K. Datta, Chairman sports Dr. A.K. Mungray & Co-chairperson Dr. Twinkle Singh

Intra mural events: Winning medals at major platforms brings laurels to the institute, but the process of victory began with the first step: participating in intramural sports tournaments. Intramural tournaments and activities are equally important. An intramural event provides opportunities for a large number of participants to demonstrate their skills and talents. It also helps players overcome anxiety and fear of the stage and competition. Intramural events are a great way to celebrate sporting and competitive events as well as the promotion of various nations declared by the top leadership of the nation. An intramural event helps youth stay away from addiction, substance abuse, depression, home sleekness, and addiction to digital and virtual content. Intramural events are fruitful to gain physical fitness, achieve mental health, and be emotionally balanced, and they also give memorable moments to cheer and enjoy student life. The intramural events conducted, administered, and managed by the Department of Physical Education are as mentioned below.

1. Inter Departmental Badminton Tournament
2. Inter year Badminton, Chess and Table tennis tournament
3. Inter year Basketball tournament
4. Inter year Volleyball tournament
5. Bench-press competition
6. 14th April, 2022
7. 15days Yoga Training Program
8. Yoga Competition
9. Drawing competition on yoga
10. International Day of Yoga (21st June, 2022)
11. 13th August 2022, Flag hoisting at all buildings of the institute
12. 14th August 2022 "Har Ghar Tiranga" running event
13. National sports day-2022
14. Inter Department Badminton tournament – 16 to 18th September, 2022
15. Unity Day celebration- 2022

Result of Running (2.5 km) event in support of 'Har Ghar Tiranga'

List of Winners of run for 'Har Ghar Tiranga'

Sr. No.	Category	Name of the winners
1.	Men (Faculty & Staff) 1st	SUBAN SAHOO
2.	Men (Faculty & Staff) 2nd	RAJESH CHAUDHARY
3.	Men (Faculty & Staff) 3rd	ACCHHE LAL
4.	Women 1st	RUTVI BALONI
5.	Women 2nd	KIRAN RANPISE
6.	Women 3rd	BEENA BALONI
7.	Boys (students) 1st	AZMEERA SRIKANTH
8.	Boy (students) 2nd	SHUBHAM SINGH
9.	Boys (students) 3rd	KULDEEP SAINI
10.	Girls (students) 1st	DEEYA WANJARE
11.	Girls (students) 2nd	KHUSI TOSNIWALA
12.	Girls (students) 3rd	ANJALI TATWA
13.	Boys (Under 15 years) 1st	DAKSHIT MUNGRAY
14.	Boys (Under 15 years) 2nd	ARNAV GUPTA
15.	Boys (Under 15 years) 3rd	TAKSHA UPLA
16.	Girls (Under 15 years) 1st	AASHI RANJAN
17.	Girls (Under 15 years) 2nd	PAL PATEL
18.	Girls (Under 15 years) 3rd	ASTHA MAURYA
19.	Open category 1st	NITESH GAMIT

Run for unity 2022

Result of Unity Run- 2022 (2.8 km)	
Category	Name
Girls under 12	Pal Dilip Patel
Boys Under 12	Dikshit Mungray
Families of employee women	Sneha Tiwari
Families of employee men	Nikhil Shah
Employee Women	Dr. Alka Mungray
Employee Men	Dr. Deepam Patel

INTER YEAR BASKETBALL TOURNAMENT- 2022-23

CELEBRATION OF INTERNATIONAL DAY OF YOGA, 2022

PRIZE DISTRIBUTION OF INTER YEAR BADMINTON TOURNAMENT,2022

HAR GHAR TIRANGA RALLY, 2022

DEPARTMENT NAME: DEPARTMENT OF PHYSICAL EDUCATION **(April-2022 to June-2023)**

Sr. no.	Name of activity	Date & venue	No of participants	Type of activity	Dept. name	Team members	Expense occurred
1.	Inter Departmental Badminton Tournament	1st to 3rd April, 2022	100	Competition	Physical Education	N.A.	30900/- (approx)
2.	Inter year Badminton, Chess and Table tennis tournament	22nd to 24th April, 2022	195	Competition	Physical Education	N.A.	57250/- (approx)
3.	Inter year Basketball tournament	19th to 21st April, 2022	230	Competition	Physical Education	N.A.	41400/- (approx)
4.	Inter year Volleyball tournament	8th to 10th April, 2022	254	Competition	Physical Education	N.A.	43100/- (approx)
5.	Bench-press competition	12th April, 2022	25	Competition	Physical Education	N.A.	5000/- (approx)
6.	Celebration of Dr. B. R. Ambedkar Jayanti	14th April, 2022	100	Celebration	Physical Education	N.A.	16000/- (approx)
7.	15 days Yoga Training Program	6th to 20th June, 2023 at Badminton Court	50	Training	Physical Education	N.A.	N.A.
8.	Yoga Competition	20th June, 2022 at Badminton Court	30	Competition	Physical Education	N.A.	N.A.
9.	Drawing Competition in Yoga	20th June, 2022 at Badminton Court	30	Competition	Physical Education	N.A.	N.A.

Sr. no.	Name of activity	Date & venue	No of participants	Type of activity	Dept. name	Team members	Expense occurred
10.	International Day of Yoga	21st June, 2022 at Badminton Court	200	Celebration	Physical Education	N.A.	1,34,750/- (approx)
11.	Flag hoisting on all buildings of institute on 13th August, 2023	13th August, 2022	500	Celebration	Physical Education	N.A.	62,500/- (approx)
12.	"Har Ghar Tiranga" running event celebrated on 14th August, 2023	14th August, 2022	200	Celebration	Physical Education	N.A.	68,500/- (approx)
13.	National Sports Day	29th August, 2022	220	Competition	Physical Education	N.A.	20,800/- (approx)
14.	Unity Day celebration- 2022	31st October, 2022 at Canteen Cemented lawn	200	Celebration	Physical Education	N.A.	37,700/- (approx)
15.	Cycle rally during the Vigilance awareness week	3rd November, 2022	200	Celebration	Physical Education	N.A.	10,000/- (approx)
16.	All India Inter NIT Cricket, Weightlifting, Power lifting, Body building and Best Physique Tournament-2022-23	16th to 19th February, 2023	510	Competition	Physical Education	Chairman: Dr. A. K. Mungray Co-chairman: Dr. Twinkle Singh Co-chairman: Dr. Amit Kumar	14,95,000/- (approx)
17.	Inter year Badminton, Basketball, Table Tennis and Volleyball tournament	21st to 23rd April, 2023	500	Competition	Physical Education	Chairman: Dr. A. K. Mungray	10,565/- (approx)
18.	Cycle rally and slow cycle competition on World Bicycle Day	3rd June, 2023	190	Celebration & Competition	Physical Education	N.A.	9,000/- (approx)

10.4 Scholarships/Fellowships

Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholar-ships awarded
1.	Central Sector Scheme scholarship for college and university students who have secured 80% or more in GSHSE of std. 12th	10000/- per year	Not Specified	32
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	49
3	Food Bill for SC student	Rs.1500/- monthly Assistant (for 10 month)	Not specified	32
4	Umbrella Scheme for education of ST students Post Metric Scholarship	Rs.550/- P.M. for Day Scholars and Rs.1200/- P.M. for Hostellers Tuition Fees & Other Fees	Not Specified	50
5	Food Bill for ST student	Rs.1200 monthly Assistant (for 10 month)	Not specified	33
6	P.M. YASASVI Post Metrics scholarship for OBC/EBC and DNT students	Rs.350/- P.M. for Day Scholars and Rs.750/- P.M. for Hostellers Rs.290/- P.A. Exam Fees	Not specified	14
7	Food bill for medical Engineering students (SEBC)	Rs. 1500/- P.A.	Not specified	07
8	DNT-2 Medical Engineering students Food bill Assistant	Rs. 1500/- P.A.	Not specified	02
9	The Central Sector Scholarship Scheme of Top Class Education for SC Students	Full fee and other non-refundable charges.		59

Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholar-ships awarded
		Lodging & boarding charges at the rate of Rs.3000 p.m. per students or the actual whichever is less. Books & stationary at the rate of Rs.5000 p.a. per student or the actual. A latest P-IV computer system with all the necessary accessories like UPS, Printer, Multi media etc. limited to Rs.45000 per students for the entire course of study.	10	
10	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.3000 p.m. per students or the actual whichever is less. Books & stationary 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, Multi media etc. limited to Rs.45000 per students for the entire course of study.	Not specified	76
11	Post Metric scholarship for students with disability	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	04
12	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 one time grant for entire course.	Not specified	06
13	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	11
14	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	01
15	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	90
16	Engineers India Ltd. Scholarship for SC/ST students	Rs. 3000/- p.m.	Not specified	02

Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholar-ships awarded
17	The Swami Dayanand Educational Foundation	Financial Support	Not specified	15
18	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	5
19	MukhyaMantri Medhavi Vidyqarthi Yojna (M.P.)	full tuition fees	Not specified	22
20	Samsung Star Scholarship	Tuition fees, Hostel fees (Not exceed INR 200000	Not Specified	03
21	Oil and Natural Gas Corporation Limited scholarship	48000/- per annum		23
22	National Talent Search Scheme	Rs.24000 P.A.	Not Specified	02
23	Post Metric scholarship & Fees Reimbursement for U.P students	Fees Reimbursement	Not Specified	21
24	Post Metrics Scholarship for EBC students Uttarakhand	Hosteller 750/- P.M. Day scholars 350/- P.M.	Not Specified	01
25	Umbrella scheme for Education of ST Post Metrics scholarship for Arunachal Pradesh	Hosteller 1200/- P.M. Day scholars 550/- P.M.	Not Specified	02
26	Post Metric scholarship & Fees Reimbursement for Bihar students	Fees Reimbursement	Not Specified	01
27	Telanga State E-Pass Scholarship	Reimbursement of Tuition fees Hosteller 1500/- P.M. Day scholars 650/- P.M.	Not Specified	04
28	Sitaram Jindal Foundation	3000/- p.m.	Not Specified	01
29	ICCR Sponsored Foreign Student (Govt. of India)	Tuition fees & 5500 P.M.	Not Specified	06
30	Scholarship Programme for Diaspora Children	financial assistance to the extent of 75% of the total Institutional Economic Cost subject to a maximum of US$ Four Thousand (US$4000) Per Annum whichever is less would be made by the MEA	Not Specified	11
Post Graduate				
1.	M.E./ M.Tech / MS/ M.Design and GATE/GPAT qualified Assistanceship/ Scholarship/ Fellowship	12400/- P.M. (Both 1st& 2nd year) and 5th year of Dual Degree Programmes)	Not specified	677
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 (1st& 2nd year) @ 35000/- P.M. stipend per month (3rd year and remaining tenure) Rs.20000/- contingency per annum HRA Govt. of India	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 Govt. of India	Not specified	09
5	CSIR-UGC National Eligibility Test (NET)	Fellowship	Not specified	14

Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholar-ships awarded
		@ Rs. 31000/- P.M. for first two years JRF @ Rs.35000/- P.M. 3rd year and subsequent (SRF) Contingency @ Rs. 20000/- P.A. HRA Govt. of India		
6	PG Scholarship scheme for SCST students for pursuing professional courses	The student who secure first class, or equivalent CGPA/Grade during, their first semester, second semester and third semester examination, are eligible to get the PG Scholarship @ Rs.5000/- p.m. and the student who secure below 60% marks (first class), (or) equivalent CGPA grade in their first, second and third semester examination, will be eligible to PG Scholarship @ Rs. 1000/- p.m. only	Not specified	03

10.5   Medals/ Scholarship

(A)   **Dr. A. P. Verma Scholarship (B. Tech.-I in Mathematics)**
First Prize (60% of Interest)
Second Prize (40% of Interest)
Scholarships awarded to 2 students.

(B)   **"Memory of Mr. Nishit Vijay Sampat, Mumbai"**
Merit based prize for best students graduating in Technology (Mechanical Engineering) every year Cash prize Rs. 2000/- to concerned student.

(C)   **"Siddharth Gupta Gold Medal"**
to be awarded to student of Mechanical Engineering
getting highest marks and to be awarded during convocation.

(D)   **"Dr. B. Majumdar (Ex-Director)"**
for award of Shri Rajnikumar Majumdar Memorial
Merit-cum-Means Scholarship and Gold Medal every year.

(E)   **"Dr. (Mrs.) Sheru S. Sopariwala Gold Medal"**
For award of late Mr. Sohrab S. Sopariwala memories to the topper of (Electrical Engg.)

(F)   **"Smt. Bhavani Narendrakumar Mehta Gold Medal"**
For award of the topper of Computer Engineering.

(G)   **"Shri. N. N. Patel has sponsored one Gold Medal"**
For award of Smt. Mahalaxmiben Natwarlal Patel memories of the topper of Civil Engineering.

(H)   **"Memory of Late Prof. (Dr.) Mahesh Dahyabhai Desai"**
For Sponsorship of every year Merit based cash prize award Rs. 15000/- to First ranker in M.Tech Civil with a specialization in Soil Mech. & Foundation Engg. Concerned student.

10.6   ACM Chapters

ACM SVNIT Surat conducted various coding events, workshops, long-challenges, volunteering drives and a flagship hackathonduring the previous academic calender. To begin the year, in the month of June, we conducted the highly beneficial ACM Summer Challenge which was a month-long marathon coding contestforfirst-yearstudentstoget-hands on experience of competitive programming. Following which in the month of September and November, we conducted a series of blitz coding contests named

Inception 7.0 and Epiphany 12.0, respectively, which had participation from students across the nation. Besides, we also conducted a workshop on industry tools Git and GitHub, with offline participation from over 120 SVNIT students. To end the semester, ACM NIT Surat chapter participated in the worldwide volunteering campaign of spreading awareness on Computer Science. In the week from Sth December to 11th December, ACM Executives conducted one-hour programming sessions in five schools across Surat and Vadodara, addressing a crowd of over 500 students.

On 18th-19th February, ACM in association with ASHINE, the incubation cell of SVNITconducted one of the largest student organized hackathons of the year – Dot Slash 6.0, with participation from over 17 cities across India, conducted offline in the lush-green campus of SVNIT. Finally to close the academic year, ACM conducted one more round of it's blitz coding contests Epiphany 12.1 and Code Wars, in association with Mind Bend to help the community polish their technical acumenieading to the internship/placement season.

CUTTING EDGE VISIONARIES

CEV, a prominent organization, kicked off the year with its flagship event, **Strategix 2.0**, a **case study competition** offering **INR 20,000** in prizes. Freshers were subsequently recruited. On **16th October**, CEV organized an online webinar featuring **Aman Pandey sir**, discussing **Web 3.0, Blockchain, Dapps**, and their prospects. During the winter break, CEV released its magazine, **Horizon 4.0**.

To commemorate **Swami Vivekananda's 160th birthday and National Youth Day**, CEV presented **Yuvavoice**, an open mic competition in collaboration with Student Council held in the production seminar hall, with prizes worth **INR 3,000**. A case study competition named **'Caseception'** was held in collaboration with **RIAC** for the **Startup Expo 2023.** The competition comprised two stages, with the final round taking place on **5th February 2023**, where qualified teams presented their PPTs to the judges.

CEV partnered with **Polygon** to organize a workshop **BuidLing Blocks**, focusing on **Blockchain, and Web 3**, allowing attendees to engage actively through **live coding exercises**. The **CEV Orientation** welcomed enthusiastic participation from freshers, providing detailed information about the organization's structure and divisions. **Quriosity 8.0**, CEV's flagship event for freshers and sophomores, featured multiple rounds, including a **quizzing event**. Lastly an **Augmented, Virtual, Mix and Extended Reality workshop** in collaboration with **TECHXR** during **Mindbend Week**. CEV also conducted Group Discussions on a weekly basis to improve the communication skills of its members.

Polygon Guild Building Blocks Workshop   *CEV Orientation*

GOOGLE DEVELOPER STUDENTS CLUB (GDSC)

In the previous academic year, GDSC NIT Surat organized several successful events. Android Compose Camps were held in collaboration with two esteemed institutes, IIT Surat and Galgotias University, Punjab, attracting a large number of student participants. GDSC also participated in the Google Cloud Campaign, certifying 100 students in Google Cloud technologies and the much-demanded ML Workshop was the last highlight of the odd semester.

The even semester began with an enriching workshop on open source and the prestigious Google Summer of Code program. The next highly anticipated event namely Google Winter of Code event challenged over 180+ students to develop solutions for Cafeterias in Surat over a period of 2 weeks. The next event, DSC Design Day showcased UI/UX projects from 60 teams putting a spotlight on UI/UX in design.

GDSC NIT Surat organized India's first Shark Tank-themed hackathon, HACK THE TANK, on March 25th and 26th, 2023. Over 500 registrations were received, and the top 40 teams from across India were selected. Each Shark Tank business presented their problem statements, challenging the participants. The hackathon atmosphere buzzed with excitement as participants collaborated and coded tirelessly. Mr. Arsh Goyal, a distinguished software engineer at Samsung and a renowned YouTuber, graced the closing ceremony as a guest mentor.

IETE STUDENTS' FORUM (ISF)

The events of ISF SVNIT started with an expert talk on 11th of November, 2022 on the account of 69th foundation day. An excellent talk on IOT Infrastructure and generic access and low cost nodes was delivered by Dr. Suresh Dahiya.

HERTZ 8.0 – Annual Technical event of the Electronics Engineering department was organized from 26th to 29th January, 2023. Under HERTZ 8.0, the events organized were Run with Maths, Flip Flop, Mock Placement and Quiz Battles. 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 is an online quizzing event, the quiz had 28 questions with 20 seconds for each question. This event was conducted on an online platform named kahoot. RUN WITH MATHS was designed as a treasure hunt where participants had to solve fun math questions along with finding the treasure locations simultaneously.

IETE Students' forum (SVNIT) organized a Women Empowerment Event. This event had 2 activities: 'women in tech' and Artfiesta. An online coding competition for girls 'women in tech' was conducted as a part of it on 12th February, 2023. ARTFIESTA (Women Empowerment Poster making competition) was conducted on 7th February, 2023.All girl participants had to make their posters Digital as well as handmade in a duration of one week.

ISF SVNIT conducted an expert talk on 3rd of February, 2023 on the account of IETE Student's Day. The talk was on 'Cyber Security is the need of the hour for women' by Dr. Chintan Pathak. ISF SVNIT also conducted a fun event along with the prize distribution event on 24th of February, 2023 on the account of IETE Students day.

IETE Students' forum (SVNIT) organized S.M.P.C 2K23 on 25th and 26th March, 2023. Extempore and Innoquest were conducted as a part of S.M.PC. EXTEMPORE was a competition wherein participants had to speak on the topics which they got on their chosen paper notes. The event INNOQUEST was conducted on 25th March, 2023 The event was about presenting the startup idea, wherein the participants had to pitch their ideas to the audience and they had to answer the questions raised. The participants had to present a proper PowerPoint presentation or any other equivalent.

Here is a little glimpse from our events.

SPIC MACAY

In order to promote India's rich cultural legacy, SPIC MACAY SVNIT organised three events in the academic year 2022–2023. The academic year began with introducing PRATIBHA in October, a platform for the volunteers to demonstrate their skills and talent in various Indian art forms. The evening, whereby the audience were treated to musical melodies and a danceperformance, had a good turnout from all. Later, SWARANJALI - an instrument concert was organized on November 18, 2022. Shri Purbayan Chatterjeeeji, a renowned Sitar maestro performed for the event where he was accompanied by artists on Tabla and Sitar.

SPIC MACAY SVNIT organized its largest event VIRASAT 2023: a journey towards our roots between February 8th and February 10th, 2023. The 3-day cultural festival featured 17 musicians from across the nation in 4 concerts. With his bansuri, Pt. Rupak Kulkarni ji performed at the opening of VIRASAT alongside his students and Pt. Mithilesh Kumar Jha on tabla. Also, Padma Shri Vid. GeetaChandranji and her musicians captivated the audience with their Bharatanatyam performance on the first day. With her musicians, Vid. KapilaVenuji presented Kuityattam, one of the oldest theatre forms, for the audience. The event concluded with the Hindustani vocalist Pt. Jayateerth Mevundiji. The event had an impressive attendance on each of these days, with about 800 people attending the performances.

LITERARY AFFAIRS COMMITTEE (LAC)

LAC hosted a **quiz**, **debate,** and **essay** competition under the banner of **"Azadi ka Amrit Mahotsav"** to commemorate India's 75th Independence Day. Furthermore, to voice the messages against corruption, LAC hosted a **"Vigilance Week Quiz"** with a participation of 100+ students on **6th November 2022**. On, **Janajatiya Gaurav Diwas**, LAC organized a **Gram Panchayat-styled** Group Discussion. To promote the significance of cleanliness and hygiene, LAC, as a part of **Swachhta Pakhwada**, conducted a **GD competition** on **11th September 2022**, with more than 100+ registrations. Members of LAC also participated in the **national-level IGMUN**, organized in Jaipur.

A 2-day mega Literature Festival with a footfall nearing 1500 students, "LitFest" was organized on **15th** and **16th** of **October 2022**. **A musical extravaganza by Strings and Stories, an insightful talk by Dr. Vineet Agrawal and a performance by Aditya Kulshrestha** left an indelible impression on the audience. Debates, quizzes, squid games, Town-Hall and Open-miccompetitions were held to give the students a platform to display their skills. The concept of **Litstreet**, a unique mixture of art, literature and food mesmerized everyone.

LAC conducted **Murder Mystery** on **5th February 2023 with 450+ students participating from the first year**. Members of the committee cloak themselves in a character circling a meticulously planned mystery while the students dawn their detective hats and unravel it.

Asian Parliamentary Debate Event   LITFEST Inauguration Ceremony

IEEE

Activity Report: IEEE student chapter did four major hands-on workshops this year, Introduction to Arduino board, game development using Machine learning (ML), Artificial Intelligence (AI), andMagic layout software. The workshops were organized for B. Tech and M.Tech (Magic layout) students, immensely benefiting the participants. In the Arduino workshop, we received around 130+ multi-disciplinary registrations, of which 50 participants were shortlisted from

various departments. Participants were given hardware in groups of 5 students and performed programming from basic LED blinking to advanced sensor control. The entire session was of 90 mins, where more than ten projects were discussed and executed in groups of 5 students. We received a Huge appreciation form the participants for the said workshop (image attached). The 2nd and 3rd workshops were done to introduce them to power of AI and ML and with the help of gamified Scratch software, six games were developed in 90 mins of session where they got deep insights of both AL and ML technologies. Magic layouting workshop was exclusively done for MTech students of where they go introduced to advance layouting techniques by Mr. Sudhanshu. In 90 mins of sessions, we covered fundamental rules for layout. Right from stick diagram to post simulation discussion was done during the workshop. Queries of each participant were personally addressed by team of volunteers.

Handson Arduino workshop

Feedback after workshop - 1

Game development using AI and Scratch

Feedback after workshop - 2

SPARSH 2023

OVERVIEW & ACHIEVEMENTS:

SPARSH 2023 - our college's annual cultural fest was organized between 6th April – 9th April 2023. It was a grand success, fostering immense fun and joy among students and providing a platform for them to shine. Total 28 events were organized during SPARSH 2023.

Major **DAY EVENTS** of SPARSH 2K23 were: Rangoli making, Carnival Walk, Battle of DJ, Battle of Bands, Magic show, Open mic poetry, Mono acting, Art walk, Nukkad Natak, Rap Battle.

Major **EVENING EVENTS** were Cultural Walk Show, Mr. & Miss. SPARSH

NIGHT EVENTS including Singing Night, Dancing Night, EDM Night, Celebrity Night were conducted on the grand SPARSH stage which was made in SAC Ground.

SPARSH 2023 witnessed immense participation of students in all of its events. The most dynamic Bollywood duo **SACHIN-JIGAR** graced the stage of SPARSH. Two electrifying DJs **SWATTREX and TRACER** lit up the stage on EDM night along with **ASEEM SHARMA & BAND**.

Many events including Battle of DJ and Battle of Bands were conducted in our college for the very first time. Outstanding judges and experts who were invited, guided and judged performances of students.

GALLERY:

<u>MINDBEND – Annual Techno-Managerial Fest</u>

MINDBEND 2023 was an intriguing fest held from March 31 to April 2, 2023. With a total of 30 events (Technical and Managerial), including mega events, 10 workshops, and an E-Summit offering an engaging and informative experience with the highest participation of 200+ teams from various other colleges across Gujarat, 15+ teams from other states, and we also had 400+ teams from our institute, making it a national level festival.

The Mega events such as Robo-Wars, Carry the Consignment, Drone Zone, and Maze Runner were the primary attractions for the audience in the technical category, challenging participants to design and operate robots, drones, and algorithms.

Managerial events including Model United Nations and Dalal Street-1992 Participants were given opportunities to demonstrate their leadership, negotiation, and problem-solving skills in a competitive setting.

In addition, workshops on emerging technologies such as Web 3.0, Rocket Building, Metaverse, CAD, and Machine Learning are offered.

Jatin Dalal, Lt. Gen. (Dr.) V.K. Saxena (Retd.), Dr. H B Naik, Himesh Madaan, and Gaurav Thakur delivered guest lectures at the MINDBEND 2023. Their insights and experiences provide participants with valuable guidance to excel in their respective disciplines.

In addition, the event features auto, aero, and defence expos where participants can examine the most recent innovations and developments in these disciplines.

The most anticipated TVS Apache Pro Performance Stunt Show was without a doubt the highlight of MINDBEND 2023. This live performance featured jaw-dropping stunts and exhilarating manoeuvres that captivated the audience and left them in astonishment.

Through competitions, workshops, and expert lectures in the fields of technology, management, and innovation, MINDBEND 2023 provides participants with a plethora of opportunities to showcase their talents, hone their skills, and acquire valuable knowledge. In addition, every major Gujarati publication covered the entire fest.

DRISHTI

ORIENTATION-For first-year students to provide them a greater understanding of the club's activities, principles, and benefits.

WORKSHOPS-For students so that they gain deeper details about various disciplines, serving as the foundation for their future.

GRAND ROBO PRIX-2023(GRP)-GRP is the flagship event with sub-events like Farm Track, Line Follower Robot, Truss It, and Flowsheet Design.

MINI PROJECTS-Second-years are selected to participate in this one-month project allowing them to improve essential technical abilities in areas of interest.

MAJOR PROJECTS-These were six-month projects for second-year students exposing them to pioneering work. Here, we always worked to improve our projects and compete in numerous contests worldwide.

ACHIEVEMENTS

INTERNATIONAL ROVER CHALLENGE (IRC) - We were placed 15th in IRDC 2022 and 12th in IRC 2022.

AZEOTROPE IIT Bombay - Bagged 1st position at the Chem-E-Car Competition, the largest chemical engineering symposium in Asia.

ROBOFEST 3.0 - Three projects shortlisted for 2nd round two in Rover category and one in other category.

ROBOCON 2023 - Qualified for stage 3 withtotal of 88 points, with 94.7 in stage one and 85 in stage 2.

SKYSPARKS – We secured 41th place out of 110 competing teams.

AEROPRIX 2022 - RC plane identical to the F-18 was shortlisted for the final round.

SEISMIC - Stood first and second in the categories of earthquake-resistant buildings at the seismic held at IIT Bombay.

APOGEE - hosted by BITS Pilani in which we cleared the first round.

INVENTRIX 5.0 - hosted by GCE Nagpur qualified for the second round.
KAGGLE - Stable Diffusion-Image ToPrompt wescored 643/1558 with a whooping score of 0.58

CHEMICAL ENGINEERING SOCIETY (ChES)

ChES serves as a dynamic platform for students interested in the field of chemical engineering. This report aims to provide an overview of the club's activities, goals, and contributions to the development of its members and the wider academic community.

The chapter activities started with the Inter Chapter Chem-E-Jeopardy. AIChE NIT Rourkela in collaboration with AIChE ChES SVNIT and conducted this event on 20th and 21st of August 2022. A live session by Neha Agrawal an Alumnus of NTU Singapore and also a Founder at Wise up Communications on 28th August 2022 which focused on how to write a research paper and present it in front of others and publish it. A three-day DWSIM Workshop was held on September 9th, 10th, and 11th and was also followed by a Flowsheet Design Competition. Eureka 5.0, a research based event to help you discover the reality behind imaginations was commenced on 20th September 2022. There were total 9 teams with topics Nuclear and Chemical waste, Drug development and Industry, Green Hydrogen, Fertilizers, Carbon and its Allotropes: Graphite, Nanomaterials, Food Technology, Ammonia as a Fuel, Solar cells. An industrial trip to KRIBHCO on 17th October 2022 was also remarkable. AIChE-ChES interacted with the students of SVP School, Surat to create an awareness about STEM among the young minds. Alchemy-The Manufacturing Quest was organized on 2nd February 2023 for the first yearites. Siphon 8.0 the flagship event of ChES was conducted for three days from 17th to 19th February 2023. Events like Debate Death Match, Bhidu Bids, Valorush, Venom Hunt, Goblet of Fire, Board Walkers, Bloodprint and the closing ceremony were the part of siphon 8.0.

ChES SVNIT also won the Outstanding Chapter Award for 2021-22. Students from our chapter took part in SRC 2022 held at AIChE Vellore and students were first runner-up in the poster competition and Tech-tonic.

NIRVANA – A Reason to Smile

At the beginning of the academic year, we organized the Har Ghar Tiranga event on the 14th of August. The idea behind this event was to invoke the feeling of patriotism within the children as well as to celebrate the 75th Independence Day. We visited the houses of each individual child to distribute the Indian National Flag along with some sweets.

For the celebration of Diwali, Nirvana organized an event on 16th October 2022, wherea fun event was organized for the children of Hadpativas on our college premises. There was a rangoli competition, a diya-making competition, etc. After playing and having fun, we taught them the values and principles of this festival. After, the children were provided with refreshments.

Other Distribution drives also took place throughout the year. The main objective of the drive was to distribute them to the people in need of those. Like in Makar Sankranti, we planned to distribute some kites with threads and sweets among the children of Hadpativas

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SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)

SAE Phoenix Racing participated in Pi-EV 2022, an electric powertrain design concept challenge, and secured 12th place. It even conducted interactive sessions with Mr. Ankur Sharma from MG Motors and Mr. Arvind Rabadia from Agni Motors to gain insights in regard to the Electric Vehicle Industry. The team also participated in Formula Bharat Electric Vehicle 2023 where it emerged as the winner of the Concept Goal Management Report and achieved the position of second-runner-up at FBEV2023 Class 1. Currently, procurement, development of lab facilities, Pi-EV 2023, and FBEV 2024 are the primary concerns of the team. Events such as webinars on World Environment Day in collaboration with NSS, workshops, and competitions such as Dr. Driving in collaboration with Mindbend are also taken up by the student body. The team also attended an EV safety training level 3E, certified by ADSC and Skill India.

SAE Phoenix Aero organized an Air show wherein aeromodellers showcased their projects to the students. Aero+ is a workshop conducted by the student chapter to enlighten the students of the campus with the basic concepts of flight. In collaboration with Mindbend events such as Drone Zone and Carry the Consignment were also organized. Along with the UAV Avionics lab DoEC, SVNIT, and MeitY, the team hosted Bootcamp 1.0 an informative session talking on UAV advancements. The team plans to organize Bootcamp 2.0 also. The team secured 9th position in the SAEISS ADC 2022 and reached the top 20 in the IIT Bombay Techfest, Boeing competition. The team also secured 1st position in the Exhibition organized by RIAC, SVNIT, and SSIP on World Innovation Day. The team was able to obtain a patent on XSpartan. A paper is being prepared on AL-VOLTA and a patent is being filed for the same. Workshops such as "Do Drone" by IISC Bangalore, the SAEISS ADC 2023 Workshop, and the SAEISS ADDC 2023 Workshop in Chennai were attended by the team.

SOCIETY FOR CULTIVATION OF SCIENCE AND HUMANITIES (SCOSH)

We at SCOSH conducted 'The Reel Time Science' with mass participation. This mainly focused on developing a critic who verifies facts scientifically before believing them. A workshop was conducted by an in-house member on the introduction to colors, the importance of text styles, and various other aspects of design. Another certified workshop on 'Basic of Rocketry' was conducted for young space enthusiasts to pursue their dream of touching space. SCOSH conducted a unique mega-scientific affair named 'BEYOND,' comprising a series of events. This included a Tech-Exhibition in collaboration with the rest of the Technical Student-Chapters of SVNIT. High school students of Surat visited to witness the institute's atmosphere and participated in 'Smuggle thru da Puzzle.' The 2-day event consisted of Expert Talk on 'Technological Advancements for Reducing Carbon Emissions' by Dr. Praveen Kumar Chinthala, Asst. Vice President, R&D, Reliance Industries Ltd., a Debate competition, and many more fun activities. The 'Stargazing' event was conducted in collaboration with the Surat Astronomy Club to see various planets through different telescopes and the International Space Station.

| *BEYOND 2022* | *REEL TIME SCIENCE* | *STARGAZING NIGHT* |

CHRD

Shamiyana, ek shaam shandaar was a bonfire night organized by CHRD. The event epitomizes the perfect amalgamation of both performing and fine arts. The Shaam becomes shandaar when cheers and applause fill the air, and the crowd has a multidimensional experience where dance, music, art, and acts collide in a breathtaking synergy. Moreover, in this social media era, who does not desire a good photo of themselves? every person. Right, the event has incredible infra work as well as many picturesque locations to capture some priceless photos.

The Arts Club – Akriti is one of the most creative clubs of SVNIT. It has been elevated this year by professionals taking up Sculpture Making and Resin Art Workshops by immersing participants in the world of three-dimensional art, and equipping them with skills and techniques to bring out their imaginative visions. The wall-paintings done on the walls of almost every hostel and workshop resonates the mesmerizing canvases of the member's artistic side. During Diwali, Akriti organised Rangavali, bringing together students from diverse backgrounds to create intricate and vibrant rangolis, capturing the essence of this auspicious festival. Rangeela was event organised for first yearites to provide platform to express their talents. The club members also performed live art, in Shamiyana, showcasing their artistic flair and power of creativity in action. In addition to this, Akriti painted Mindbend and Sparsh Wall and created a visual extravaganza for the viewers.

The Film Making Club - Cinephilia that conducted an intracollege movie-making competition, Cinebattle, brought together four teams, each with a mentor, to showcase their filmmaking skills, creativity, and teamwork. With themes like madness and satisfaction, the teams passionately crafted their movies, sparking a storytelling revolution within the college community. Alongside, a successful Filmmaking Workshop was held, where experienced club members mentored first-year participants, creating a supportive and inclusive environment. The workshop concluded with the screening of the film Rain Drop. Moreover, a Reel-Making Competition centred around the theme of College Life displayed the diverse talents and creativity of the students. Additionally, the club participated in an online Stop-Motion Movie-Making contest, organized by IIT Bhu, creating a film that showcased the transformation of a character trapped in a monotonous routine, highlighting the value of resourcefulness and perseverance.

The Photography Club – Convex conducted a Workshop on Basic Photography and Editing, led by an international professional photographer, Ansh Sogani, that provided students with an excellent opportunity to interact with an expert and elevate their skills in the field. In addition to the workshop, the club, Convex, actively covered various events held at SVNIT throughout the year. They documented events like Ganesh Chaturthi, the Unacademy UPSC session by CAC, the Session on Modi@20 by Honorable Minister Prakash Jawadekar, the Session on higher

education by Shri Anand Kumar (Super 30), LITFEST, GDSCCoding Competition,Mahashivratri,Sparsh, Kashish, andRahbhashaPrakoshthaby HindiCell.Through these activities, theclub notonly enhanced theirown skillsandknowledgebutalsoplayed asignificant role in capturing andshowcasing the essence ofthesenoteworthy events within the college community.

The Dramatics Club- Kirdaar started its 2022-2023 journey with a Janmashtami play, featuring Lord Krishna's Birth, His Lila of lifting Govardhan Mountain, and KansaVadh. Rangmanch, introduces sophomores to various theatre genres such as melodrama, tragic-comedy, poetry theatre, psychodrama, or farce. On 26th January, the club organizes a Nukkad Natak Competition addressing social issues. Performers use catchy jingles and powerful voices without microphones to engage the audience through rhythmic beats, requiring minimal props. Aahwan, the first event for freshers, allows teams to create plays based on a given theme. Team "Alfaaz."also achieved the second runner-up position in Nukkad Natak Competition at IIT Gandhinagar with their performance titled "Chalta Hai Yaar: The Art of Ignorance".

The Dance Club- Malang conducted a group competition under the name Dance Jam. It took place in two rounds. In the first round, participants were randomly formed into groups and given an hour to prepare a one- minute dance routine. In the second round, the same groups had approximately one week to Chhanak, is traditionally is organized to welcome newly admitted students. It is a choreographed flashmob performed at the Canteen Cements that fills the air with cheers and applauses. Vatsal Margi, a second-year student, conducted a hip-hop dance workshop where participants learned new styles and improved their skills. Rubix Crew, an extension of Malang, secured the 2nd runner-up position at IIT Gandhinagar's cultural fest called 'BLITHCHRON' and won 1st prize in the group performance-entertainment category in Sparsh.

The Music Club- Raag started its 2022-2023 journey with Encore, the highly anticipated inaugural event of the 2022-23 season, made a triumphant return after a two-year hiatus, +reverting to its offline format. The fresh batch of members took center stage and astounded the audience with their exceptional talents, leaving a lasting impression and bolstering the performers' confidence. One of the standout events, Improv, boasted a unique island-style stage and engaged the enthusiastic crowd with captivating performances across various music genres, ranging from rock and funk to classical and jugalbandi. Another enchanting event, Soiree, created a tranquil ambiance amidst lush greenery, featuring soul-soothing performances of slow, soft songs that transported the audience to a state of serene bliss. Additionally, the club actively participated in DAIICT's cultural fest, Synapse, where teams Raaga and Rhapsody secured the second runner-up position in their respective categories, while the band Mobius passionately competed in the Battle of the Bands, showcasing their talent and dedication.

Design Group members have been actively involved in producing visually captivating content for a range of events. They have also designed this year's oversized t-shirt that had got a lot of appraisals. The minimal movie making challenge organized by the group that inclined them to think outside the box to design a minimal movie poster. Workshop on the Adobe Illustrator was conducted, where participants had the opportunity to learn essential techniques, tools, and features of the industry-leading graphic design software. Additionally, a Workshop on the Principles of Design, by Kushagra Gupta, was conducted wherein participants gained insights into the fundamental elements and principles that drive effective design, with engaging activities to reinforce the concepts and foster a fun and collaborative learning environment.

Community- Samvaad, of students that is focused on mental wellbeing and emotional self-help, organized a session, wherein a detailed briefing on Samvaad and its operational procedures were addressed. To spread awareness, about the community, a video was released on the social media, highlighting its purpose and functionalities. Additionally, an insightful session

called Let's Talk It Out was organized, featuring experts from Your Dost. Furthermore, the counselling session on alternate Wednesdays have also been given a kickstart to ensure continuous support and guidance to students. **Be Crazy, Be Creative!**

INDIAN INSTITUTION OF INDUSTRIAL ENGINEERING (IIIE)

Two events were conducted by IIIE Student chapter, SVNIT:

(i)   Guest Lecture of Dr. Pratik Parikh Professor and Chairperson of the Department of Industrial Engineering at the University of Louisville.

The Indian Institution of Industrial Engineering, Student Chapter, SVNIT organized a Guest Lecture on "The aspects of Industrial Engineering and career guidance for higher studies abroad" on 25th of November 2022 at Production Seminar Hall. Dr. Pratik J. Parikh (Professor and Chairperson of the Department of Industrial Engineering at the University of Louisville) was invited as a guest speaker to guide the students about how to contact faculties abroad and about application procedures, how to build an ideal resume. He even talked about various problems students face due to lack of knowledge and contacts which deprives them to be in good colleges.

Overall, it was an interactive session many queries were resolved and valuable insights of the colleges in abroad were given clarifying uncertainties in the minds of SVNIT students.

(ii)   66th Foundation Day Celebration of Indian Institution of Industrial Engineering (IIIE) and Expert Talk of Mr Anand Mistry, Sr. DGM Defence, Larsen & Toubro, Hazira, Surat)

The Indian Institution of Industrial Engineering, Student Chapter, SVNIT organized an expert talk on the topic "Designing Inclusive and Sustainable Work Systems" on the 27th of January 2023 at Production Seminar Hall. Mr. Anand Mistry (Sr. DGM Defence, L&T Ltd Hazira, Surat) was invited as a guest speaker to enlighten the students about his own experience in industries across the world. The talk focussed on the application of industrial engineering principles to optimize production processes and the importance of ergonomic design and the use of automation in industries. Mr. Mistry also discussed his journey as an SVNIT alumnus and the numerous lessons he learnt throughout his college life. The talk ended with an interactive session where Mr. Mistry invited the students to ask questions and share their thoughts on the subject.

Overall, the talk was a great learning experience for the students, and it provided them with valuable insights into the field of industrial engineering. Mr. Mistry's passion for the subject was evident, and his expertise in the field was inspiring.

RENESA

Renesa - The Official Media and Publication House of SVNIT has been incredibly active over the academic year of 2022-2023. Its work has spread across various fields, from the written word to youtube videos, covering a wide range of platforms to get our creative work across.

As the magazine committee of SVNIT, we have published and printed 3 magazines, namely The Times of SVNIT with 100 copies, Renesa Theme Magazine with 450 copies, and our Farewell Magazine with 600 copies. Having distributed every single copy of these magazines, we can proudly say that the reception to them has been a huge success, especially the farewell magazine dedicated to the graduating batch of 2023.

Moving on to Renesa's blog, we have posted 5 articles accompanied by vibrant designs that have garnered over 700 reads. We have also started a project on our youtube channel where we interview students who have managed to secure a notable intern. The 4 videos posted collectively have over a thousand views and the project is set to be continued over the coming academic year. As the media house of SVNIT, Renesa has also covered the cultural fest, and the Tech fest in detailed reports.

PHYSICS CLUB

The Pan-India event Researchathon 2.0 aimed at introducing participants across the nation to the world of research, wherein a team or an individual is given 36 hours of duration to research on a pre-decided topic and then their work to be presented in front of Prof Vandana Nanal, TIFR Mumbai, Dr. Prayush Kumar, ICTS-TIFR Bengaluru, Dr. Santosh P Pandya, Institute for Plasma Research Gandhinagar, and Dr. Himanshu Pandey, DOP, SVNIT. The event was conducted pan India, and the response was overwhelming of 81 teams comprising around 240 participants (3 participants per team on average) from various IITs, NITs, IISERs, and other regional colleges.

On the 26th of February, Physics Club organised a one-day certified workshop on the software 'COMSOL Multiphysics', under the guidance of Dr. Shail Pandey. COMSOL Multiphysics is a finite element analysis, solver, and simulation software package for various physics and engineering applications, especially coupled phenomena and multiphysics. This was covered under the efficient guidance of our faculty, Dr. Shail Pandey. In the first session, Dr. Pandey introduced the participants to the software, it's applications, modules and interface. In the second half of the first session and the second session, the participants were taught how to use the software through an example.
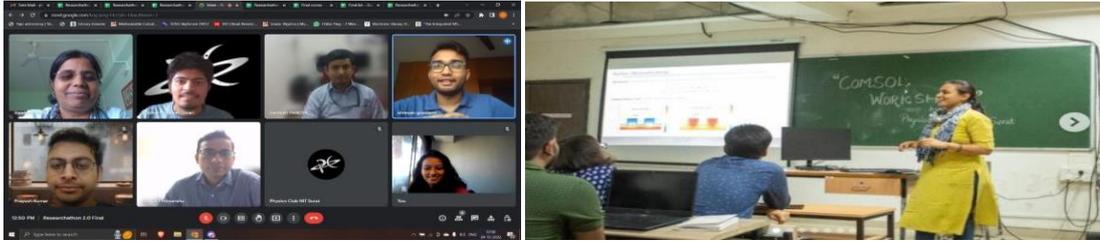
NATIONAL SERVICE SCHEME (NSS)

NSS SVNIT Unit had a remarkable year, marked by impactful initiatives. The First Morning Routine kicked off the year with energetic exercises and yoga sessions promoting a healthy lifestyle. Under Azadi Ka Amrit Mahotsav, NSS encouraged citizens to hoist the national flag through the Har Ghar Tiranga campaign. The Prabhat Feri on Independence Day instilled national pride as NSS volunteers led a march with Indian flags. The Independence Day Skit paid homage to freedom fighter Chandra Shekhar Azad, leaving a lasting impact on the audience.

Survival of the Fittest showcased students' skills in various sports activities, promoting physical fitness and healthy competition. NSS actively participated in Swachhata Pakhwada, collaborating with other student chapters to raise awareness about cleanliness. Mock Fire Drill sessions enhanced students' preparedness for emergencies. The Aikayam Samagam celebrated Integration Day, showcasing India's cultural heritage. An Orphanage Visit brought joy to children, while Election Awareness Campaigns promoted responsible voting.

The National Integration Camp fostered personal growth, community service, and outdoor activities. Yoga Day prioritized physical and mental well-being, and the Trust Walk built trust and communication skills. An Industrial Visit offered practical exposure, and the NSS Exhibition on Republic Day honored martyrs and highlighted the role of the armed forces. Their skit event in Sparsh, centered around fading Indian culture, secured the first prize, showcasing their creativity.

ELECTRICAL ENGINEERING SOCIETY (EES)

The academic year 2022-23, begins with the newly initiated talk session: COLLOQUY, organized by the Electrical Engineering Society. The talk session observed a participant of around 120 students. The topic of discussion was "THE ADVANCEMENT OF MOTORS IN ELECTRIC VEHICLES" and was delivered by Dr. Ragavan K, associate professor, IIT Gandhinagar. The annual recruiting drive: RECHARGE, is followed next by an overwhelming response from the fresher batch. The new executive committee was formed based on various tasks and interviews conducted by the core committee of the Electrical Engineering Society.

Taking this league of new events along with a new association for the first time Electrical Engineering Society collaborated with Co-Curricular Affairs Council and provided a platform for all the clubs to present their projects to inspire the students for the various choices available in various fields. DRISHTI, PHOENIXAERO, FSAE, CEV, and IIW actively participated.
Seeing the success of the COLLOQUY, the Electrical engineering society again organized a talk session on "Electric Vehicles Challenges and Opportunities" by PROF. KRISHNA VASUDEVAN, IIT MADRAS, the talk session observed participation of around 150 students. Furthermore, taking the chain of new events ahead Electrical Engineering Society organized "The Big Brain" an entrepreneurship event in which participants presented start-up ideas that were beneficial for the advancement of technology in every possible way. Around 35 teams participated in the event, each team consists of 4-5 participants.

The major event organized by the Electrical Engineering Society for the past 3 years is Masked Bandits. It was conducted this year in the second week of February for the freshly admitted batch, in order to make them more aware of the institution and its functionalities and refresh their basic learning. The event observed a participant of 400 students forming teams, solving various puzzles, and answering questions with their knowledge about the institution. This event was followed by the annual 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.

The next and most major event was the annual techno-managerial fest: AATISH. The fest was themed on cartoons of the early '20s. It involved numerous events: supa strikers, courage's courage quest, dholakpur premier auction, Star Wars, power rangers led, and fun feud. The whole fest was two days long and had immense participation of 300+ students from the first year and around 150+ students from the second year too.

CHINTAN PRATISHTHAN

Chintan Pratishthan started the year 2022–23 with the holy celebration of Raksha Bandhan with the dedicated security personnel of SVNIT, recognising their service and reminding them that they have a supportive SVNIT family. The team consistently connects and interacts with accomplished and inspiring figures like Harmeet Desai, an Arjuna Award-winning table tennis player, and Ankul Prajapati, who discussed the building of quantum computers using atoms.

Chintan Pratishthan has facilitated industrial trips like a visit to ONGC Hazira with the majority of students from core branches for two days. The team also commemorated important events like Samvidhan Diwas (Constitution Day) and National Youth Day (Swami Vivekananda's birth anniversary). On the occasion of National Youth Day, Mr. Anand Kumar was the guest of honour and enlightened more than 400 bright students.

Chintan Pratishthan always tries for overall student development, which is quite evident through the successful organisation of our flagship event, "Prashikshan Varg" which focused on enhancing skills and clarifying career opportunities with the help of more than 30 alumni and included more than 100 students of our institution. We also collaborated with ASHINE and hosted distinguished guests such as the Executive Director-Plant Manager of ONGC Hazira, creating a platform for productive discussions and collaborations. In addition, we have demonstrated our commitment to social responsibility by conducting a donation drive to support needy students on campus with the help of the graduating class of 2023.

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. T and P 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.Tech.)					
Particulars	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**
No. of Registered students	705	658	711	708	795
No. of Students with CGPA>6.00	669	629	680	701	783
No. of students selected	516	444	483	568	647
Placement percentage Vs total students	73.19	67.48	67.93	80.23	81.38
Placement percentage Vs eligible students	77.13	70.59	71.03	81.03	82.63
(M.Tech.)					
Particulars	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**
No. of Registered students	268	254	309	388	353
No. of Students with CGPA>6.00	260	242	308	385	344
No. of students selected	106	79	80	251	218
Placement percentage Vs total students	39.55	31.10	25.89	64.69	61.76
Placement percentage Vs eligible students	40.77	32.64	25.97	65.19	63.37
Integrated M.Sc.					
Particulars	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**
No. of Registered students	135	95	48	111	128
No. of Students with CGPA>6.00	127	90	47	111	128
No. of students selected	38	21	15	46	60
Placement percentage Vs total students	28.15	22.11	31.25	41.44	46.88
Placement percentage Vs eligible students	29.92	23.33	31.91	41.44	46.88
Particulars	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**
Overall Placement percentage Vs eligible students	62.10	56.42	56.17	73.67	73.46
Overall Placement percentage Vs eligible students	59.25	54.93	54.37	73.05	72.25

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, 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 MHRD, Government of India NMEICT/NKN project through which connectivity of 1 Gbps is functioning. The internet access with additional 1.25 Gbps bandwidth is also available to the institute from various other service providers. This results in total 2.25 Gbps bandwidth.

- Provides 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. Recently, National Testing Agency (NTA) had conducted Common University Entrance Test Examinations at different centres in India and SVNIT, Surat was one of the centres

- 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.

- Developed institute website and currently maintaining the website and manages institute mail services and provides necessary support for e-mail services to all staff and students.

- Manages Annual maintenance of campus wide computers, laptops, UPS and peripherals. Manages network and Internet Access requirements of the Institute, also offers the well-equipped computing facilities, locally in the form of three sub centres viz. Internet Access Lab 1 (60 Computers), Modern Cubical based Internet Access lab 2 (60 Computers), Online Virtual Classroom (60 Computers) meant for the B. Tech., M.Tech. and Ph.D. students.

- Blade Server with 14 TB of Storage space and 6 Blades on which variety of different purpose servers like WEB Server, DNS, 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 softwares 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.

- Setup of G Suite platform and 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

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 Library's working hours are from 9:00 am to 10:30 pm on weekdays, and on Saturdays / Sundays remains open between 9:00 am to 5:30 pm. The circulation section remains open between 9:30 am to 07:30 pm on weekdays. A total of 15,995 books were issued to 2803 Members, 16,063 books were reissued to 1842 Membersand 17,257 books were returned by 3157 Members.

The collection of resources has been methodically developed through the years. During the period (July 2022 - June 2023) under report, the following resources were added to the Library.

Particulars of Reading Materials	Numbers
Books	767
Complimentary Books	14
E-Books	23
Thesis/Dissertation (Print)	618
CD ROM (Along with Books, Journals, Thesis and Dissertation)	621
Print Journals Subscribed	23
Online Individual Journals Subscribed	18

Online Journals/Proceedings/Standards Subscribed

American Chemical Society (49 Journals), American Concrete Institute Journals (3 Journals and ACI Symposium Volumes), American Mathematical Society (15 Journals), ASCE Proceedings (174 Volumes), ASTM Digital Library (8 Journals), SAGE Engineering and Materials Science Collection (90 Journals), Emerald CFTI Collection (309 Journals), Institute of Civil Engineers Package (29 Journals), ProQuest Science Journals (1620 Journals), Royal Society of Chemistry (49 Journals), Taylor & Francis Five Subject Collections (455 Journals), Institute of Physics (71 Journals), Science Direct Eight Subject Collection (1103 Journals), SAGE Urban Studies and Planning Collection (43).

Online Databases/Standards/Research Support Tools

IEEE Electronic Library (IEL Online) package, Project Muse Collection, McGraw Hill Access Engineering Online Database, ASTM Standards, ASME Standards (Except BPVC), Indian Standards, International Electro-Technical Commission Standards, American Welding Society Standards, Turnitin OC Plus Enterprise License, Grammarly Premium, and SciFinder-n, 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, 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, OuriginalPlagiarism Detection Software, Web of Science Lease Access, World e-Book Library and South Asia Archive.

The total number of Print and Electronic documents in the Central Library as of 14th June 2023 are as under:

Particulars of Reading materials	Numbers
Books (Purchased)	80433
Gratis Books	9975
Book Bank Books	7402
Particulars of other reading materials except books	
Research Proceedings	690
Standards	15844
Bound / Back Volumes (Print)	9050
Dissertation (Print)	5896
Print journals subscribed	23
Electronic Documents	
CD ROM (Purchased)	895
CD ROM (Along with Books, Journals, Theses & Dissertation)	4973
E-Books	11265
Online individual journals titles subscribed	18

Online Journals/Proceedings

Twenty online back files of journals were subscribed from John Wiley & Sons, 354 Volumes of IMeche Proceedings back files, 3348 volumes of Springer back files, American Chemical Society (49 Journals), American Concrete Institute Journals (3 Journals and ACI Symposium Volumes), American Mathematical Society (15 Journals), ASCE Proceedings (174 Volumes), ASTM Digital Library (8 Journals), SAGE Engineering and Materials Science Collection (90), Emerald CFTI Collection (309 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 (71 Journals), SIAM Journals package (17 Journals) and SAGE Urban Studies and Planning Collection (43).

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, 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 Plagiarism Detection Software, Web of Science Lease Access, World e-Book Library and South Asia Archive.

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
	Computers	
1.	Desktop Computers (HP i7,7700 PC, RAM 8GB DDR4,1TB HDD)	40
2.	Desktop Computers (Dell Optiplex 990, 4 GB RAM, 64 bit, 310 Ghz.)	15
3.	Desktop Computers (Dell Optiplex 360, CPU: Due E7500, Memory 4GB DDR2)	04
4.	IBM High-end Server Xseries 226 Intel Xeon 2.8 Ghz dual processor 2 GB	01
5.	Lenovo Server ST550 (7X10TX8N00) Intel Xeon 3106 OCTACORE	01
	Printers	
6.	HP Laser jet 1320N	01
7.	Barcode printer	01
	Other Equipment	
8.	Toshiba e-studio 282 Xerox Machine	01
9.	Xerox Work Center 5945 Photo Copier Machine	01
10.	Barcode Scanner	05
11.	UPS 5.0 KVA, 1ph input- 1ph output, Backup time 60 minutes, Make – Pulsive-02, Xsis-01	03
12.	RFID system compatible with Libsys Library Management software with the following accessories: - - RFID Tags. - Library RFID Gate -Library programming station -Self checkout and check in station -Shelf Management reader -Library server interface on CD media	01 unit
13.	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
14.	Self Checkout Station comprising with following accessories: -RFID Reader -LCD 17" Touch screen monitor -Branded Client PC -Auto cutter thermal printer & Kiosk shell with fittings -LSmart client software -Barcode scanner.	01 Unit
15.	Web Centric LIBSYS 10 Software	01
16.	Windows 2003 server software with 5 client license	01

Sr. No.	Name of the Equipment	Quantity
17.	RFID Gates (2 EAS Pedestals having 3 integrated antennas and controller – Model LSP3 Clear)	01 Unit
18.	LSmart-RFID Staff Station with LSmart-Client Software compatible with LIBSYS Library Management software RFID Reader LSA2-SHD Antenna LSmart-Client Software	01 Unit
19.	LSmart Self Checkout/In Kiosk -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
20.	LSOpac Touch Screen Kiosk	01 Unit
21.	Hand Pallet Truck	01 Unit

Other Details:

Expenditure incurred during the period under report on the journals/databases and other reading materials was Rs.5,02,38,166.00 from OH-35. The Library Operating Cost (LOC) was Rs. 3,41,540.00.

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 Guidelines. In the Academic year 2022-23 the following **45** program (in Online Mode) are conducted through CCE.

Duration: (July 2022-June 2023)

Total No. of Training Programs Approved through CCE (Online/Offline Mode)				52
Total Number of Training Programs Completed till end of June -2023:				45
STTP/FDP/STC				22
Workshop				10
Expert Lecture/Training Certificate Course				04
National Conference				03
International Conference				06
Total Number of Participants till end June-2023:	Industry **146**	Faculty **441**	Students **1642**	Total No. of Participants- **2229**

Sr. No	Orga-nized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants			
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
01	DoCSE	Expert Lecture on " Intelligent Processing of Indian Music : Machine Learning Approach"	July 7, 2022	Dr. M. A. Zaveri and Prof.Varsha Shah	Institute Fund	--	1	--	11	50	61
02	DoME	One Ween High End Workshop on " Advances in Welding and Additive Manufacturing"	July 18-24, 2022	Dr. Krishna KishorMugada and Dr. Raju Prasad Mahto	SERB	2	9	--	--	25	25
03	DoCE	Two days' Workshop on Pilling Engineering for LNT Division"	July 22-23, 2022	Dr.Jitesh T Chavad and Dr. C. H. Solanki	L&T Funded	4	3	14	--	--	14
04	DoMH	2nd Short Term Course (STC) on " Academic Writing using Latex "	July 26-30, 2022	Dr.Sudeep Singh, Dr. Amit Sharma and Dr.Sushil Kumar	Self - Sustained	2	8	--	8	62	70
05	DoCE	Five Days STTP on " Hands on training of PVT VISSIM "	July 28 to August 1, 2022	Dr.Chetan R Patel	Self - Sustained	2	2	--	--	23	23
06	DoME	Five Days STTP on "Research Methodology : Tools and Techniques - V"	September 5-9, 2022	Dr. Ravi Kant and Dr. Dinesh Singh	Self - Sustained	3	3	--	29	40	69
07	DoMH	Five Days STTP on " Computational Techniques for Physical Science & Engineering (CTPSE-2022)'	September 19-23, 2022	Prof. V. H. Pradhan, Dr.Jayesh M. Dhodiya and Dr.Yogesh Sonvane	Self - Sustained	3	10	--	5	22	27
08	DoCHE	Five Days STTP on " Sustainable Technologies and Application of Computational Software's (STACS-2022)"	October 12-16, 2022	Dr.Jogendar Singh, Dr. V. N. Lad, Dr.Dr.Alka A. Mungray, Dr. A. K. Mungray and Prof. M. Chakraborty	Self - Sustained	4	12	--	22	15	37
09	DoEE	Five Days STTP on " Sustainable Development and Recent Advances in Electrical Engineering (SDRAEE-2022)"	September 26-30, 2022	Dr.Vasundhara Mahajan, Dr.Anandita Chowdhury, Dr. Ashish K Panchal and Dr.Akanksha Shukla	Self - Sustained	2	14	1	8	23	32
10	DoME	Five Days 23rd STTP on " Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT)"	September 26-30, 2022	Dr. R. V. Rao	Self - Sustained	1	1	--	14	29	43
11	DoCHE	Five Days STTP on " MATLAB and its Applications in Engineering and Research (MATER-2022)"	September 26-30, 2022	Dr.Jogendar Singh and Dr.SaritaKalla	Self - Sustained	5	6	1	17	18	36
12	DOP	Two Days 2nd Virtual International Conference on "Functional Material and Applied Physics (FMAP-2022)"	October 14-15, 2022	Dr.YogeshSonvane and Dr.Debesh Roy	Self - Sustained	--	4	--	7	76	83
13	DoCSE	Two Days Workshop on "Microsoft Office"	October 19-20, 2022	Dr. D. P. Rana	Microsoft Sponsored	--		45	-	-	45
14	DOME	Five Days Workshop on " Computational Analysis on Mechanical and Electronics Systems Using ANSYS"	November 7-11, 2022	Dr.Pallvita Yadav, Dr.AmrutSrikantMulay and Dr.Biranchi Narayan Sahoo	Self - Sustained	--	5	--	8	50	58

| Sr. No | Orga-nized By | Title of Program / Work shop/ Event / Conference | Duration of Program | Co-Ordinators | Fund Resources | Expert Resources | | Number of Participants | | | |
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
15	DOCE	National Conference on "Recent Advances in Traffic Engineering (RATE-2022)"	November 11-12, 2022	Dr. Ashish Dhamaniya, Dr.ShriniwasArkatkar and Dr. G. J. Joshi	Self - Sustained	3	4	2	15	87	104
16	DOCHE	Capacity Building Program (Certificate) for "Liquid Terminal (CBPLT Batch-I)"	December 2, 2022 to March 31,2023	Dr.Meghal A. Desai	Adani Hazira	12	--	--	--	15	15
17	DOC	Five Days Workshop on "Hands-On Training on High End Scientific Equipment's (HTHSE-2022)"	Nov. 28 to Dec. 2, 2022	Dr.Ritambhara, Dr.SaritaKalla and Dr. Arup Kumar Ghosh	Self - Sustained	1	5	2	4	48	54
18	DOCE	Two Weeks ATAL FDP on "Rainwater Harvesting for Sustainable Development of Groundwater (RHSDG)"	December 5-16, 2022	Dr, S. M. Yadav and Dr. N. D. Jariwala	ATAL	2	16	1	30	12	43
19	DoEE	Five Days STTP on "Emerging Trends in Electric Vehicles (Evs) and Renewables"	December 12-16, 2022	Dr.SukantaHalder, Dr.AkankshaShulka, Dr. Sabha Raj Arya and Dr. Rakesh Maurya	Self - Sustained	4	6	1	34	27	62
20	DoCSE	International Conference on " Security, Privacy & Data - Analytics (ISPDA - 2022)'	December 13-15, 2022	Dr. U. P. Rao, Dr. S. J. Patel, Dr. B. N. Gohil and Dr.AlokKumaar	Self - Sustained	--	7	1	6	22	29
21	DoEE	2nd International Conference on " Sustainable Development Goals & Gender Perspective (ICSDGAGP 2022)"	December 15-16, 2022	Dr.Vasundhara Mahajan and Dr.Anandita Chowdhury	Self - Sustained	--	3	--	14	19	33
22	DoME	Five Days STTP on "Application of Soft-Computing Techniques on Numerical Modelling in Additive Manufacturing and Materials Processing"	December 17-21, 2022	Dr. Raju Prasad Mahto, Dr.Neraj Srivastava and Dr. Krishna Kishore Mugada	Self - Sustained	3	13	2	2	183	187
23	DoME	Five Days STTP On "Advances in Materials & Design (AMD-2022)"	January 30 to February 03, 2023	Dr. Sandeep Soni, Dr. S. N. Pandya and Dr. J. V. Meghani	Self - Sustained	7	8	2	2	17	21
24	DoCE	Two Weeks High End Workshop on " Seismic Assessment and Rehabilitation of Structures (SARS) - 2022"	December 19-31 2022	Dr.Anand Parghi	SERB	9	13	--	--	25	25
25	DOMH	STTP on " Python Programming for Students, Engineering & Researchers"	December 26-30, 2022	Dr.Jayesh M. Dhodiya and Dr. S. R. Yadav	Self - Sustained	1	9	1	17	53	71
26	DoCSE	ATAL Two Week FDP on "Social Media and Social Network Data Mining"	January 2-13, 2023	Dr.Rupa G. Mehta and Dr.Dipti R. Rana	ATAL	4	14	1	17	9	27
27	DOME	STTP on "Lightweight Materials for Automobile Applications: Fundamentals, Recent	January 09-13, 2023	Dr. V. D. Kalyankar	GIAN & Self-Sustained	1	4	16	11	18	45

Sr. No	Orga-nized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants			
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
		Developments and Challenges in Manufacturing"									
28	DoEE	2nd International Conference on " Sustainable Technology and Advanced Computing in Electrical Engineering (ICSTACE 2022)"	January 19-20, 2023	Dr.Vasundhara Mahajan and Dr.Anandita Chowdhury	Self - Sustained	--	2	--	7	36	**43**
29	DOCE	National Conference on "Sustainable Waste Management Practices (SWMP)"	January 27-28, 2022	Dr. K. D. Yadav and Dr. N. D. Jariwala	Self - Sustained	--	3	1	3	80	**84**
30	DoME	STTP on " Microstructural Control and Advances Metallurgical Characterization: Application to Thermomechanical Processing, Welding and Servere Plastic Deformation"	Jan.30 to Feb 2, 2023	Dr. V. D. Kalyankar	GIAN & Self-Sustained	2	3	13	4	6	**23**
31	DoEE	STC (STTP) on " Power & Control strategy for Net-Zero Emissions (PCSN-2023)"	February 20-24, 2023	Dr.SukantaHalder, Dr. Rakesh Maurya, Dr. Sabha Raj Arya and Dr. S. N. Sharma	Self - Sustained	5	16	3	24	28	**55**
32	DOCE	Workshop on " Foundation Engineering"	February 24-25, 2023	Dr.Jitesh T Chavad and Dr. C. H. Solanki	LNT Funded	2	5	13	--	--	**13**
33	DOC	Five Days STTP on "Computational Chemistry and Techniques for Beginners (CCMTB-2023)"	February 28 to March 4, 2023	Dr.Suban K Sahoo and Dr. Arup Kumar Ghosh	Self - Sustained	2	1	--	2	29	**31**
34	Hindi cell	Workshop on "Rajbhasha MeshodhpatraLekhan"	March 2-3, 2023	Dr.AbhilashMandloi, Dr.SaritaKalla, Dr.Dipak Joshi, Dr.KetanKuperkar and Dr. S. K. Srivastava	Self - Sustained	--	4	--	24	79	**103**
35	DOCE	One Day Seminar on "Geo-technics for Transportation Infrastructure"	March 25, 2023	Dr. C. H. Solanki	IGST, CSIR Sponsored	2	5	22	24	104	**150**
36	DOEE	STC on "EV Charging Technology and Infrastructure Development (EVCTID-2023)"	March 30 to April 3, 2023	Dr.Chandani P Gor, SukantaHalder, Dr. K. V. Praven Kumar and Prof.Varsha A. Shah	Self - Sustained	6	11	4	17	77	**98**
37	DoECE-DoCSE	Boot camp on "Drone Assemble, Navigation & Applications"	April 8-12, 2023	Dr. Suresh Dahiya, Dr.Anand D. Darji and Dr.Dipti Rana	Self-Sponsored &MeitY	5	3	--	4	27	**31**
38	DoCHE	International Conference on " Recent trends in Engineering &Sciences (RTES-2023)"	May 2-3,2023	Dr.SaritaKalla, Dr.Depak Joshi, Dr.Shailesh K. Srivastva and Dr.KetanKuperkar	Self - Sustained	--	8	--	29	95	**124**

Sr. No	Orga- nized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	Expert Resources		Number of Participants			
						SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
39	DOMH	STTP on " Data Science and Statistical Analysis through R and Python Software"	May 10-14,2023	Dr. Raj Kamal Maurya, Dr.Sourav Gupta	Self - Sustained			--	13	53	**66**
40	DoECE	Workshop on "Design, Fabrication and Testing of 5G Antenna using Machine Learning"	May 12-19, 2023	Dr.Shilpi Gupta amdDr.KishorUpla	SERB Project	1	9	--	--	25	**25**
41	DoCE	National Conference on " Modem Construction Practice and Management (MCPM)"	June 2-3, 2023	Dr.Dilip A. Patel, Dr.Jitesh T. Chavda, Dr.Kashyap A. Patel and Dr.VishitBhaiya	Self-Sponsored	--	4	--	9	35	**44**
42	DoP	(2nd Hand on training)Workshop on "Multiscale Simulation in Advanced Materials Science & Technology (HTMSAMST-2023)"	June 10-14, 2023	Dr.Dimpal Shah, Dr.YogeshSonvane and Dr.Debesh Roy	Self-Sponsored	Upcoming					**Upcoming**
43	DOM-DoP	3rd International Conference on "Mathematical Modelling and Simulation in Physical Sciences (MMSPS)"	June 23-24, 2023	Dr. V. H. Pradhan, Dr.Jayesh M. Dhodiya, Dr. S. R. Yadav, Dr. S. Gupta and Dr.YogeshSonvane	Self-Sponsored	Upcoming					**Upcoming**
44	DoCSE	STTP on "Drone Application"	June 26-30, 2023	Dr. D. P. Rana, Dr. A. Darji and Dr. S. Dahiya	MeiTY Sponsored	Upcoming					**Upcoming**
45	DoCHE	Capacity Building Program for " Liquid Terminal (CBPLT Batch-II)"	June (3 Months)	Dr. M. A. Desai, Dr. S. R. Patel and Dr.Vimal Patel	ADANI Funded	Upcoming					**Upcoming**
					TOTAL	**100**	**254**	**146**	**441**	**1642**	**2229**

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
- Studying the Characteristics of meandering rivers
- Flow resistance of compound channel
- Scour around parallel bridge piers

Facilities in CoE:

Computational Hydraulics Lab		Experimental Hydraulics Lab
Bentley WATERGEMS	Academic & Commercial licenses*	• Multipurpose titling flume with sediment transport collection arrangement • Water Circulation System with fully automized operation through PLC based SCADA system • Laser Doppler Velocimetry (LDV) • Acoustic Doppler Velocimeter (ADV) • Acoustic Doppler Velocimeter Profiler (ADVP) • Bed Level Profiler (URS) • Proposed Multipurpose titling flume under DST FIST Project • River Tray facility for River Morphology studies • Trimble Global Navigational Satellite System (GNSS) Instrument • Proposed Pump testing rig for performance testing of pumps
Bentley SEWERGEMS		
Bentley STORMCAD		
Bentley HAMMER*		
MIKE 21 FM*		
MIKE 21C		
MIKE 11	Academic licenses	
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	
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.

Activities in CoE during 2022-23:

- A research project on "Local Scouring around tandem and stagerred bridge piers on Non-uniform mobile bed" funded under Core Research Grant, Science and Engineering Research Board (SERB), Govt. of India, is ongoing.
- A new research project on "Impact of Climate Change on Water Resources and River Morphodynamics of Narmada basin" has been submitted for approval for fundingfrom Indian National Committee on Climate Change (INCCC), Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, Government of India.
- Organized a one-day workshop on 'Hydrodynamics of Transport of Sediments' on April 19, 2023, at Department of Civil Engineering, SVNIT Surat. Prof. Subhasish Dey, Professor, IIT Kharagpur and J C Bose Fellow visited SVNIT Surat and deliver his expert lecture on 'Hydrodynamics of Sediment Transport: grain scale to continuum scale' and 'How to write research papers in the top international journals' in said workshop.
- Following Two PhD Thesis entitled were defended/awarded during July 2022 to June 2023:
  - "Effect of temporal discretization on rainfall extremes and development true interval non-stationary IDF curves Indian regions"
  - "Intuitionistic Fuzzy Optimization Approach in Multi-Objective Optimization of Water Resources Systems"
- Four M. Tech students have worked on different themes of CoE for their dissertation July 2022 to June 2023:

- o 2-Dimensional Hydro morphological numerical modelling of Tapi Estuary
- o Simulation of Runoff Potential of Lower Tapi Basin using SWAT
- o Bed level variation in the upstream of hydraulic structure: study of Singanpore weir, Surat, Gujarat.
- o Hydrologic-Hydrodynamic modelling of the creeks passing through Surat City, Gujarat
- **Publications:**
- **National and International Journal Papers: 15**
- **National and International Conference Proceedings: 11**
- **Books Edited: 05**
- **Book Chapters: 09**
- **Consultancy Projects: 08**

11.6   Research Park:

Funding Received under Student Startup and Innovation Policy (SSIP 2.0) from Government of Gujarat in F.Y.2022-23

Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, has been awarded INR 2 crore grant under the Student Startup and Innovation Policy (SSIP 2.0) of the Government of Gujarat's Education Department to aid innovative young minds in their endeavor to create startups. The 1st Installment of INR 20 Lacs under this has been received.

The Student Start-up and Innovation Policy (SSIP 2.0) aims to promote innovations and Start-ups in the traditional and new age technology along with the sunrise sectors.

Through this fund, anyone under the age of 35 who is student of Foundational / Preparatory / Middle /Secondary level (Up to Class 12), a Diploma / Vocational / Undergraduate / Postgraduate / Doctoral student or an alumna/alumnus, or any dropout from school/institute/university, may use up to INR 2.50 lakh to develop a proof-of-concept (PoC) or prototype and as an IP Support up to 100% of expenses for filing Patents, Copyrights, Trademarks, International Registration of Marks, Industrial Design, Plant Variety Registry and Semiconductor Integrated Circuits Layout-Design Registry (SICLDR) for their start-ups, Innovations & projects.

Activities during 2022-23

Sr. No.	Title of Program	Month & Year of activity	No. of Participants
01	Startup Demo Day-GVFL	18.07.2022	56
02	AAKRUTI-2022 (Product design contest)	20.07.2022	69
03	A Session on Importance of predictive analysis in new product development	23.07.2022	56
04	A Webinar on Unlocking the Potential of Partnerships	04.08.2022	85
05	Student Associateship Program 2022	12.08.2022	77
06	Fireside Chat - Raising your First Cheque	13.08.2022	92
07	Orientation Workshops for SAP-2022	22.08.2022 to 24.08.2022	55
08	Interact With Shri Rajeev Chandrashekhar, Hon'ble Minister of State for Skill Development and Entrepreneurship and Electronics & It, Government of India	26.08.2022	300
09	Pedagogy Interact: Sensitization by ASHINE-SVNIT at Vanita Vishram Women's University, Surat	13.09.2022	54
10	A Talk on Space Research and Incubation opportunities for Academia	14.09.2022	138
11	Eureka- A Pitching Competition	18.09.2022	84

Sr. No.	Title of Program	Month & Year of activity	No. of Participants
12	Seminar on "SSIP 2.0 Policy & Other Govt. Schemes for Start-up"	06.10.2022	245
13	A talk on 'Innovation Engineering & entrepreneurial stratagem'	07.10.2022	100
14	Student Startup Research and Innovation Festival-SSIP 2.0	08.10.2022	55
15	Agency Meetup	08.10.2022	66
16	A Session on Environmental Emergency & Opportunities in clean tech	11.10.2022	46
17	Pedagogy Interact-VVWU	13.10.2022	33
18	Green Skills Internship Program	14.10.2022	39
19	A Session on Dynamics of Fund Raising	05.11.2022	89
20	A webinar on Entrepreneurial Law and compliance efficiency for Startups	12.11.2022	100
21	Ignition 2.0-Call for Proposals for Proof-of-Concept (PoC) development under SSIP 2.0	23.11.2022	79
22	Investor Interact	05.12.2022	73
23	Interact with Mr. David Pasquini, Commercial Officer, U.S. Consulate General	20.12.2022	25
24	Research and Innovation Day	07.01.2023	84
25	Pedagogy Interact-VNSGU	10.01.2023	249
26	A Session on the significance of incubators in the growth of startups	17.01.2023	83
27	Catalyst 3.0- Call for Proposals for Startups under Pre-Incubation Program	21.01.2023	31
28	SVNIT Startup Expo	04.02.2023 & 05.02.2023	1324
29	Caseception	04.02.2023	234
30	Entrepreneurship BootCamp	04.02.2023 & 05.02.2023	40
31	Investors' Outlook	04.02.2023	117
32	Talent Hunt	04.02.2023	56
33	Elevator Pitching	05.02.2023	10
34	Investors Connect	05.02.2023	5
35	Shark Tales	05.02.2023	154
36	Workshop on Getting Started with Replit	16.02.2023	76
37	Workshop on Getting Started with Solana	17.02.2023	76
38	Secure 1.0-Call for Proposals for IP Support	17.02.2023	12
39	Workshop on Basics of Git/Github and Open Source	18.02.2023	112
40	Hackathon "DOTSLASH - Root to Ideas-6.0"	18.02.2023 & 19.02.2023	1369
41	An Orientation session on ASHINE and various government funding schemes for Students, Startups & Innovators	19.02.2023	26
42	Startup Demo Day	25.02.2023	85
43	Awareness session on startup incubator	27.02.2023	25
44	Startup Onboarding Workshop	18.03.2023	06
45	A Training Program on Solidworks Manufacturing aspects for Startups	07.04.2023	15
46	Webinar on Legal Essentials for Startup Success: Navigating the Legal Landscape	07.04.2023	60
47	Pitchers League	11.04.2023	49
48	A talk on Enhancing Startup Success: The Significance of Problem-Solving Skills and Corporate Governance	15.04.2023	48

Sr. No.	Title of Program	Month & Year of activity	No. of Participants
49	An Interactive session on - A Zero to One Approach: "The Art of Building a Successful Tech Product"	22.04.2023	59
50	A Talk on Building a Greener Future: Navigating the Path through Energy Conservation and Clean Technology	25.04.2023	147
51	Startup Mixer Surat	29.04.2023	85
52	Virtual Awareness Session on Pre-pitching for Start-up round 3.1- "Green Resolve- Amrit Kaal Adhyay"	24.05.2023	193
Sensitization / Outreach / Spread Awareness			**6844**

Innovative Projects Supported at PoC stage for Year 2022-23 under SSIP 2.0:

Sr. No.	Title of the Project	Total Funds Sanctioned (INR)	Dept.
1.	Samay Sancharak	1,00,000	DoEcE
2.	Fabrication of pervaporative membrane module and mixed-matrix membranes for liquid mixture separation	2,10,000	DoChE
3.	SUN - Surveillance using UAV Network	88,100	DoEcE
4.	IOT Based Height, Weight, and Bicep Measurement System with Biometric Authentication and Android App interface	80,000	DoEcE
5.	Development of Carbonated Coarse Aggregates from Low Calcium Fly Ash	1,30,000	DoCE
6.	RF power transfer up to 200 meters	64,500	DoEE
7.	Storm Proof Vertical Axis Wind Turbine	1,27,098	DoME
8.	Investigation and Development of Peltier Refrigerator used for cooling Covid Vaccine	51,305	DoME
9.	"Ionic Liquid Based self-healable, injectable, polymeric Hydrogels: De Novo Co-Delivery Platform for the Protein and Chemotherapeutic Drug for Breast Cancer Treatment and Mammoplasty"	1,05,057	DoAC
10.	Design and Development of Portable Dual-Head Diode Laser Cutting and Engraving machine	1,83,850	DoME
11.	Intelligent Charging Solution	2,50,000	DoEE
12.	OSEM (Optimization and Saving Energy with Management)	85,090	DoEE
Total		INR 14,75,000	

IP applications recommended for funding for Year 2022-23 under SSIP 2.0:

Sr. No.	Title of the IP	Type of IP
1.	Method of preparation of deep eutectic solvent encapsulated MIL-101(Cr) decorated PVDF mixed matrix membranes for dye and salts removal from industrial wastewater	Process Patent (Domestic)
2.	Method of preparation of molybdenum disulfide coated MIL-101(Cr) MOF based cement mortar to enhance the compressive and flexural strength of concrete.	Process Patent (Domestic)
3.	Novel Photo-responsive Imidazolium Based Functionalized Ionic Liquid	Product Patent (Domestic)
4.	Polymeric Eutectogel for Curcumin Encapsulation	Product Patent (Domestic)

Startups Supported at PoC stage for Year 2022-23 under SSIP 2.0:

Sr. No.	Name of the Startup/Brand/Organization	Total Funds Sanctioned (INR)
1.	Health Details(Company: Good4health Lifecare technology Pvt. Ltd.)	2,21,000/-
2.	R & K Industry(Company: R & K Client Industry LLP)	70,000/-
3.	Vegneta(Company: Vegneta Pvt. Ltd.)	2,50,000/-
4.	Nanoclib	2,43,000/-
5.	Swachh-AI	2,50,000/-
6.	Locult	1,20,000/-
Total		**11,54,000/-**

Start-ups under Pre-Incubation Program

Sr. No.	Start-up Name	About the Start-up
1	Health Details	The startup is working to replace all physical medical files with a single smart digital health file, making patients' lives easier and relieving them of the burden of physical files. At the same time, they provide a medical summary and an in-depth journey to users and doctors in order to save time, make early diagnoses, and provide better health care.
2	R & K Industry	The startup is developing a low-cost compact machine that will assist all farmers in making their daily lives easier. This machine can perform multiple tasks at once, saving farmers money and time. The micro size won't cause any harm to the crop. This will be powered by an environmentally friendly battery
3	Vegneta	Vegneta is developing an AI-based SaaS platform for road safety auditors that identifies potential safety zones on road networks in order to prevent accidents from occurring. The software automates the entire road safety auditing process using modern technologies such as AI and ML. With this, they will be able to save millions of injuries and thousands of lives that we lose due to traffic accidents while reducing cost by 50–55%, increasing efficiency by 20–25%, and speeding up the process by 90–95%.
4	Nanoclib	Nanoclib is a one-of-a-kind start-up that is developing a low-cost Nano-based formulation for site-specific drug delivery with fewer side effects in breast cancer.
5	Swachh-AI	SwacchAI is a startup that provides a smart waste management system powered by advanced AI algorithms and IoT sensors. The system categorizes waste into three categories: recyclable, bio/green, and non-recyclable, making disposal easier and reducing environmental impact. It also provides real-time monitoring, data management, and compression to optimize waste collection and disposal processes. Their dedication to sustainability and cutting-edge technology distinguishes them as a key player in the waste management industry. Overall, SwacchAI offers a comprehensive all-in-one solution for waste management.
6	Locult	Locult is an app that addresses the growing problem of social media loneliness and isolation. Locult enables users to form genuine relationships based on common experiences and interests. Using digital platforms, this social media startup hopes to bring people together in real life. It promotes social interactions and fosters a sense of community by connecting people with similar interests or backgrounds. The goal is to foster long-term connections between individuals and groups by bridging the gap between online interactions and real-world relationships.

Start-ups under Incubation Program

Sr. No.	Start-up Name	About the Start-up
1	Gradeazy	A vernacular platform for conducting stress-free affordable online assessments. Gradeazy is a highly scalable, mobile-first platform with advanced features like proctoring, dictate-to-type in more than 25+ languages, snip, paste and convert from any document or even handwritten text and much more.
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. 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. They have also developed and patented our own FO membrane which is comparable with the commercial FO membrane. This patented membrane will be utilized in the VUF- FO reactor for water recovery and nutrient rejection.
3	Trezix	This innovation is about digitisation using micro service architecture for Import Export. At present there is no single platform which collaborates Customer / Suppliers, Customs, CHA and Freight Forwarder. This platform will streamline the entire end-to-end Exim process across the eco system seamlessly, increasing efficiency and lowering costs, making cross-border transactions easier and increasing volume for importers and exporters.
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.The application offers geotagging so that audit assignments can be monitored in real-time.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.
5	Br-Scan	BR-Scan 1.0 device is a one of the new health and wellbeing product for women. It is a one of the unique inventions for the detection of breast cancer and certain breast abnormalities at home on DIY basis. The use of the BR-Scan 1.0 device as part of your regular routine, assists in finding breast abnormalities using red light technology where you are visually able to find any unusual changes within your breast at your home. Red blood cells strongly absorb light at about 550nm (the absorption bands of oxyhaemoglobins). Along with this, they have added app-based integration so user will be storing 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 is Cloud based B2B SaaS Application, which aims to empower small and medium sized enterprises, by digitalising and automating daily tasks right from billing, Items management, inventory, sale, purchase etc. RoyalPOS is backed by TVS Electronics. RoyalPOS currently empowers 1000+ businesses in 15+ countries.
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.

Sr. No.	Start-up Name	About the Start-up
9	Aanjaneya	Aanjaneya Aerodynamics Pvt Ltd is a Start-up incorporated with the objective of manufacturing amphibious aircraft for civil and military aviation based on indigenous, innovative design much in tune with '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.

Glimpse of Year 2022-23:

Sr. No.	Particular	Number
1.	Events Organized	52
2.	Total Sensitization & Outreach	6844
3.	Startups Supported with funding	06
4.	Innovative Projects Supported with Funding	12
5.	Total Sanctioned Amount to the Startups	INR 11,54,000
6.	Total Sanctioned Amount to the Innovative Projects	INR 14,75,000
7.	IP Applications Recommended for Funding	04
8.	Total Sanctioned Amount to the IP Applications	INR 1,50,000
9.	Capacity Building Workshops Organized	13
10.	Contests Organized	05
11.	Startups Connected with VCs & Angel Investors	62
12.	Funding Programs Organized	04
13.	Events Organized for Innovation Showcase	04
14.	Startups/Projects Displayed in the Showcase Events	52
15.	Skill Development Workshops Organized	24
16.	Students Received Internship Opportunity with Startups	21

For More Information, access ASHINE Newsletters through the following link:
https://www.ashine.in/About-info.php

11.7 SC/ST Cell:

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

The role and responsibility of the cell as below.

- Grievances redress for the grievances of SC/ST students and employees and render them necessary help in solving their academic as well as administrative problems.
- Monitors and evaluates the reservation policies and other programs intended for SC/STs by the Government of India for their effective implementation at Sardar Vallabhbhai National Institute of technology Surat.
- Suggests the follow-up measures to the administration of the Institute for achieving the objectives and targets laid down by MHRD for the empowerment of SC/STs.
- Dissemination of the awareness of higher education to the SC/ST student.
- During academic year 2022-23 the following activities are carried out by SC/ST cell.

Sr. No.	Name of the activity
1	SC/ST cell actively involved to prepare a roster register of teaching staff members.
2	SC/ST cell actively involved to prepare a roster register of non teaching staff members.
3	SC/ST cell celebrated Dr. B. R. Ambedkar Jayanti on 14th April 2023 at SVNIT.
4	SC/ST cell provides necessary information and guidelines related to scholarship, important circular, New rules to SC/ST students.
5	SC/ST cell helps the SC/ST students as per their necessities.

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 2022-23.

Conference / Workshop / Seminar / Symposium / Short Term Programmes organized at SVNIT

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
1.	Women Cell and Internal Complaints Committee, SVNIT	Elimination of Violence and Discrimination Against Women Pakhwada	SVNIT, Surat	25th November, 2022 to 10th December, 2022
2.	Women Cell and Internal Complaints Committee, SVNIT	Self Defence Program, A Training Program for B.Tech. Girls students	SVNIT, Surat	5th November, 2022

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

No.	Name of Faculty	Name of Expert and Affiliation	Title of Lecture	Date of Lecture
1.	Women Cell and Internal Complaints Committee, SVNIT	Mr. Bhautik Sheth	DIGITALL, Innovation and Technology for Gender Equality	13th March, 2023

11. 9 Hindi cell

Official Language Implementation Committee (Hindi Cell) held during year 2022-23.

During the year 2022-23, total five meetings of **Official Language Implementation Committee of the Institute (Hindi Cell)** were held.
First meeting of the Official Language Implementation Committee (Hindi cell) was held on 15 May 2022.
Second meeting of the Official Language Implementation Committee was held on 04 September 2022.
Third meeting of the Official Language Implementation Committee was held on 24 September 2022.
Fourth meeting of the Official Language Implementation Committee was held on 15 December 2022.
Fifth meeting of the Official Language Implementation Committee was held on 15.3.2023.

According to the guidelines given by the Department of Official Language, check points related to the official language Hindi were issued to all the departments and the heads of the section. Circular was issued to all departments and sections to make all the rubber fisheries in the institute bilingual, the last date of which is 10.2.2023. Most of the departments and sections of the Institute complied with the circular of bilingual stamps during year 2022-23.

According to the program given by the Department of Official Language, Government of India, a Hindi workshop was organized on 21 March 2022, in which teachers and employees of the institute participated. A Hindi workshop was organized on May 15, 2022, in which teachers and employees of the institute participated. First year students and students also participated in it.

Dr. Ranjan Maheshwari's lecture was organized on date - 12/09/2022, during Hindi Pakhwada, 2022. The chief guest and speaker of the program, Dr. Ranjan Maheshwari gave his Hindi lecture. In this presentation, he explained the origin of various main words used in Hindi and the difference in his use in the present.

On September 12, 2022, a Hindi workshop was organized for non -academic staff of the institute, in which 25 employees were trained in Hindi. In this, the keynote speaker Mr. Jagdish Ram Pauri, Joint Director (Official Language) Ministry of Education gave them training related to Hindi.

In December 2022, under the orders of the Ministry of Home Affairs, Central Government, the following competitions were organized by the Official Language Cell in the institute to encourage and reward them to work in the official language Hindi:
(A) Hindi essay writing competition for teachers and employees of the institute
(B) Incentive scheme regarding working in official language Hindi among the teachers and employees of the institute.

The names of the winning teachers and employees of the above competitions were announced in the first week of January 2023.

According to the program given by the Department of Official Language, a 4 -day World Hindi Day Festival was organized from 7 to 11 January 2022. A campaign for signature in Hindi was also run on World Hindi Day on 9th January, 2023.

In January 2023, approval letter writing competition was organized in Hindi for teachers and employees. The main objective of this competition was to promote Hindi among employees and teachers.

The 4 -day World Hindi Day Festival was organized from 8 to 12 January 2023. In this festival, some Hindi related competitions for teachers and employees were organized. World Hindi Day was concluded on 18 January 2023. In this ceremony, the winners of all Hindi competition were awarded.

Dr. S.D. Sapre (ex professor, MANIT, Bhopal) delivered a talk on *Azad Bharat ke Yuwaon Ke Sapne*. It was attended by nearly hundred participants on 17th February, 2023. He also delivered a talk on occasion matrabhasha divas celebration on 21st February 2023. Again it was attended by nearly eighty participants.

In the month of March 2023, two day online workshop in Hindi on "**Research paper writing in Hindi**" was conducted for faculty members and Ph. D students on 3rd and 4th March 2023 coordinated Dr. Sarita Kalla (ChED), Dr. Shailesh Shrivastav (AMAD), Dr. Alok Kumar (CoED), Dr. Deepak Joshi (DECE) (Members Hindi Cell of the Institute) and Dr. Abhilash Mandloi (DECE) (FIC, Hindi Cell) as a part of Hindi Karshala to be organized in the fourth quarter (January to March quarter) of year 2022-23

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) are full and other 3 blocks (18 nos. of quarters) are proposed to demolish as per structural conditional assessment report.
6	E–Type	2288.20	48	2 blocks (each of 12 nos. of quarters) are proposed to demolish 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 around 1989 which is extensively used by the staff members of the Institute. Recently, renovation work has been carried out by CPWD restore the functional usage of Staff Club Building at SVNIT Campus with better planning considering inputs from various stakeholders. The club is utilized for staff and student related activities as well as for inauguration and closing ceremony of the various conferences seminar etc. The staff club building has 4 nos. of rooms each at ground floor and first floor (total 8 nos. of rooms). The ground floor rooms are also utilized as change room, green rooms store room, etc. during any function.

1.3 Construction of new Buildings funded through HEFA

The following buildings are under construction funded through HEFA:

Sr. No.	Name of Project	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

12.4 Transportation Services:

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

12.5 Guest House:

Institute's Guest House (SardarVallabhbhai Patel Bhavan) was constructed in December, 2011. It is located inthe 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 agenciesfor 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 Centrewith Extension of Health Center at CAD building is managed by two (2) full time Residential Doctors, six (6) Hon. Visiting Medical Consultants namely Physician, Gynaecologist, Paediatrician, Radiologist, Ayurveda & Homeopathy Specialist assisted by one (1) permanent Sr. Attendant and
supported by two (2) Pharmacist & three (3) Nursing staff on contract basis.

Currently, within the Health Centre there are two (2) Consultation rooms for running OPD, one (1) small dressing room with limited facilities, one (1) small Emergency Management Room with limited facilities, one (1) room for Pharmacy cum Registration counter, waiting area with a limited space to accommodate around eight persons and one (1) store room (under maintenance). Extension of Health Center at CAD building has four (4) OPD and one (1) Radiology Room for conducting Ultrasounds.

Outside the Health Centre and within the campus there is one (1) Adolescent Health Clinic in Mother Terasa Bhavan (Girls Hostel), ten (10) rooms with basic medical aids, one visiting Physician and two (2) nursing staff on contractual basis at Narmad Bhavan.

108 Ambulance services to the residents of the campus are being provided at the designated appropriate place in the Campus. Cashless facility for Indoor treatment to the SVNIT staff with their family members for the empanelled hospitals is being provided by the institute following CS(MA) rules.

The reimbursement of medical bills is being provided at CGHS rates as per the directives of Government of India issued from time to time.

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

12.7 SVP School

Education is the most valuable and important part of mankind. Students are the root of development in country so we can never hope for successful country without education. The main aim of establishment of SVP school is to run a model school for the wards of the employees of SVRCET (now-SVNIT), surat and wards of financially weaker resident of the nearby area to build them as pillars for development of country.
SVP school was established on 15th January, 1976 by Shree Gordhandas Chokhawala, Minister of Education of Gujarat Government and an honourable Chairman of Board of Governors of SVRCET.

MILE STONE

Year	Section
1976	Pre Primary
1977	Primary
1999	Secondary
2013	Higher Secondary Commerce
2015	Higher Secondary Science

STAFF

Section	Staff
Pre Primary	07
Primary	21
Secondary	06
Higher Secondary	09
Office	08
Non Teaching	07

CLASS-WISE STUDENT STRENGH (as per 2022-23)

Section	Standard/Class	Total no. of students (Class wise)	Total no. of students (Section wise)
Pre-primary	Nursery	55	290
	Jr.KG	113	
	Sr.KG	122	
Primary	I	96	952
	II	133	
	III	170	
	IV	127	
	V	108	
	VI	107	
	VII	104	
	VIII	107	

Secondary	IX	104	199
	X	95	
Higher Secondary	XI- Commerce	54	119
	XII- Commerce	65	
	XI- Science	72	147
	XII- Science	75	
	TOTAL		1707

CLASS-WISE STUDENT RESULT (as per 2022-23)

Section	Standard/Class	Result
Primary	I	100 %
	II	100 %
	III	100 %
	IV	100 %
	V	100 %
	VI	100 %
	VII	100 %
	VIII	100 %
Secondary	IX	67.00 %
	X	85.26 %
Higher Secondary	XI- Commerce	96.00 %
	XII- Commerce	95.34 %
	XI- Science	97.00 %
	XII- Science	76.00 %

CURRICULAR AND CO-CURRICULAR ACTIVITY

- Online competitions of Drawing (For class Nursery to 12), Essay writing competition (for Class 6 to 12) and Elocution (for Class 9 to 12) were organized for students of SVP School.
- On the Ozone Day (16th September) A quiz competition, poster making competition and an essay competition were organized by National Children Science Congress(NCSC) in which many students awarded with prize money.

TEACHER'S UPGRADATION PROGRAMME

An Online workshops and seminars were organized in school for Teachers and Staff on SVP for new National Education Policy.
- In year 2022-23 Avantika group of Education, Delhi arrange program for progressive School Award for Principal at Ahmedabad on 16 November, 2022. Our Principal honoured for progressive School award 2022-23.
- In year 2022-23 Principal Dr. R. K. Indulkar sir awarded with Academic Leadership Excellence Award organized by Parul University, Surat on 19th November 2022in which total 200 principals across Gujarat participated.
- This year National games arranged at Gujarat. In carnival schools from Surat district invited for performance. Our school perform for skateboard game. Deo Surat arrange program for good performance School honour on 13/02/2023, our School principal honoured by Surat-DEO Dr. Dipak Sir.

12.8 Day Care Centre

Day Care Centre for Children (DCCC) at Sardar Vallabhbhai National Institute of Technology has started from 31st 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 their level best. The child will not feel that they are away from love and affection because Day Care Centre for Children (DCCC) is run by dedicated management and staff.

12.9 Post Office

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

12.10 Bank

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

(i)   Publication in the International Journals

Sr. No.	Name of Department	Total No. of International Journals
01	Department of Civil Engineering	251
02	Department of Mechanical Engineering	115
03	Department of Electrical Engineering	71
04	Department of Electronics Engineering	32
05	Department of Computer Engineering	37
06	Department of Chemical Engineering	79
07	Department of Physics	61
08	Department of Chemistry	126
09	Department of Mathematics & Humanities	70

(ii)   Publication of National Journals

Sr. No.	Name of Department	Total No. of National Journals
01	Department of Civil Engineering	7
02	Department of Mechanical Engineering	0
03	Department of Electrical Engineering	0
04	Department of Electronics Engineering	0
05	Department of Computer Engineering	0
06	Department of Chemical Engineering	0
07	Department of Physics	2
08	Department of Chemistry	0
09	Department of Mathematics & Humanities	53

(iii)   Publication of Book or Book Chapter/s

Sr. No.	Name of Department	Total No. of Books or Book Chapters
01	Department of Civil Engineering	81
02	Department of Mechanical Engineering	35
03	Department of Electrical Engineering	22
04	Department of Electronics Engineering	2
05	Department of Computer Engineering	3
06	Department of Chemical Engineering	12
07	Department of Physics	6
08	Department of Chemistry	13
09	Department of Mathematics & Humanities	45

(iv) **Conference Proceedings / Papers presented in the International Conferences / Workshops / Seminar**

Sr. No.	Name of Department	Total No. of Int. Conferences etc.
01	Department of Civil Engineering	203
02	Department of Mechanical Engineering	48
03	Department of Electrical Engineering	66
04	Department of Electronics Engineering	39
05	Department of Computer Engineering	42
06	Department of Chemical Engineering	34
07	Department of Physics	18
08	Department of Chemistry	6
09	Department of Mathematics & Humanities	54

(v) **Conference Proceedings / Papers presented in the National Conferences / Workshops / Seminar**

Sr. No.	Name of Department	Total No. of National Conferences etc.
01	Department of Civil Engineering	66
02	Department of Mechanical Engineering	5
03	Department of Electrical Engineering	3
04	Department of Electronics Engineering	0
05	Department of Computer Engineering	0
06	Department of Chemical Engineering	0
07	Department of Physics	12
08	Department of Chemistry	7
09	Department of Mathematics & Humanities	25

(vi) **Conference / Workshops / Seminar Symposium / Short Term Programmes organized in SVNIT**

Sr. No.	Name of Department	Total No. of Conf. / Workshop / Seminar / STTP etc.
01	Department of Civil Engineering	57
02	Department of Mechanical Engineering	21
03	Department of Electrical Engineering	21
04	Department of Electronics Engineering	8
05	Department of Computer Engineering	13
06	Department of Chemical Engineering	14
07	Department of Physics	11
08	Department of Chemistry	8
09	Department of Mathematics & Humanities	54

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

Sr. No.	Name of Department	Total No. of Expert Lectures delivered
01	Department of Civil Engineering	131
02	Department of Mechanical Engineering	84
03	Department of Electrical Engineering	42
04	Department of Electronics Engineering	29
05	Department of Computer Engineering	27
06	Department of Chemical Engineering	16
07	Department of Physics	13
08	Department of Chemistry	13
09	Department of Mathematics & Humanities	96

(viii) Expert Lectures organised at SVNIT, Surat as resources Person (other than STTP)

Sr. No.	Name of Department	Total No. of Expert Lectures organised
01	Department of Civil Engineering	80
02	Department of Mechanical Engineering	7
03	Department of Electrical Engineering	5
04	Department of Electronics Engineering	6
05	Department of Computer Engineering	35
06	Department of Chemical Engineering	3
07	Department of Physics	2
08	Department of Chemistry	19
09	Department of Mathematics & Humanities	17

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

Sr. No.	Name of Department	Total No. of Paper Reviewers
01	Department of Civil Engineering	313
02	Department of Mechanical Engineering	216
03	Department of Electrical Engineering	101
04	Department of Electronics Engineering	64
05	Department of Computer Engineering	65
06	Department of Chemical Engineering	94
07	Department of Physics	57
08	Department of Chemistry	131
09	Department of Mathematics & Humanities	145

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

Sr. No.	Name of Department	Total No. of Ph.D. thesis reviewed
01	Department of Civil Engineering	49
02	Department of Mechanical Engineering	22
03	Department of Electrical Engineering	8
04	Department of Electronics Engineering	6
05	Department of Computer Engineering	13
06	Department of Chemical Engineering	9
07	Department of Physics	4
08	Department of Chemistry	6
09	Department of Mathematics & Humanities	13

(xi)   Patents details of Patent Granted / Filed

Sr. No.	Name of Department	Total No. of Patent granted / filed
01	Department of Civil Engineering	2
02	Department of Mechanical Engineering	3
03	Department of Electrical Engineering	0
04	Department of Electronics Engineering	0
05	Department of Computer Engineering	0
06	Department of Chemical Engineering	10
07	Department of Physics	0
08	Department of Chemistry	2
09	Department of Mathematics & Humanities	0