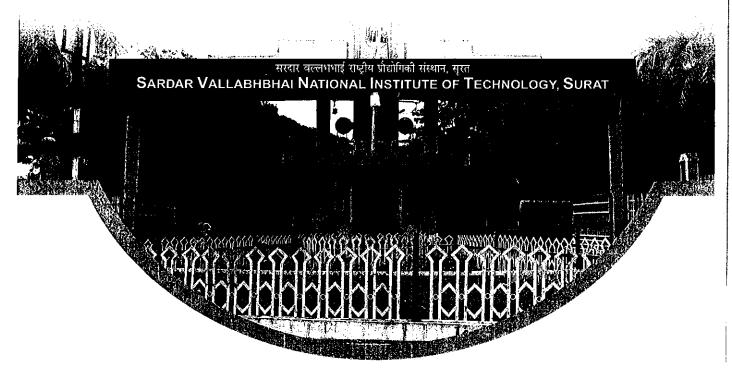
वार्षिक प्रतिवेदन एवं लेखा विवरण 2019-2020

ANNUAL REPORT & FINANCIAL STATEMENTS 2019-2020

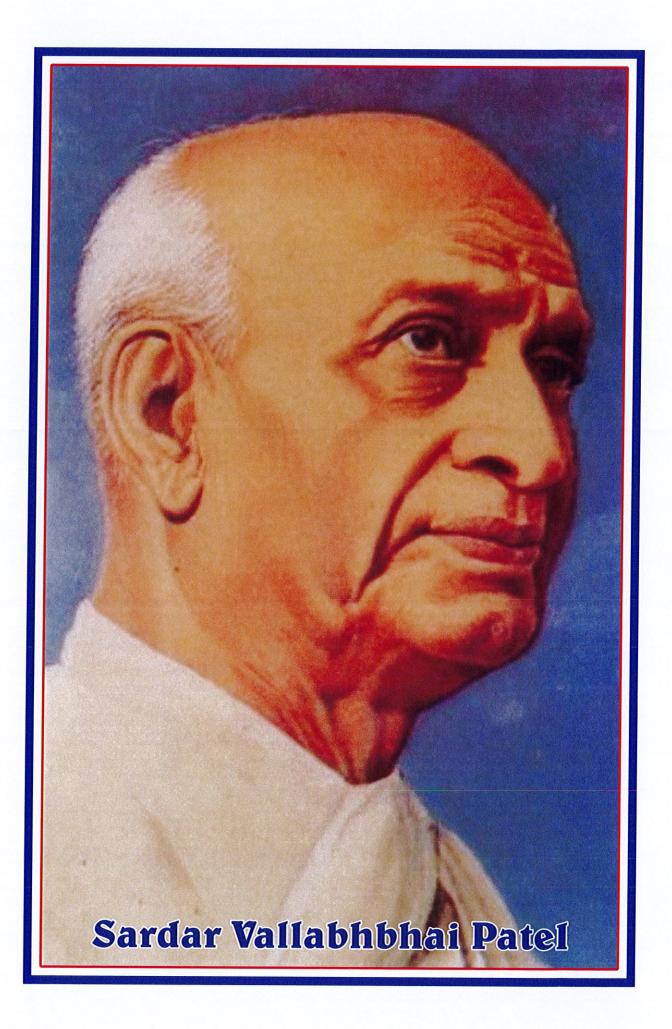




सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान,

सूरत - ३९५ ००७, गुजरात, भारत

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





Sr. No.		PARTICULARS	Page No.						
140.	Director's Report								
1.0	INTRODUCTION								
	1.1	Our Vision							
	1.2	Our Mission							
	1.3	Objectives	03						
	1.4	Good practices being followed by SVNIT							
	1.5	Services to the Society in the COVID-19 Pandemic situation							
2.0	ANO	VERVIEW							
	2.1	Introduction	11						
	2.2	Location							
	2.3	Campus	12						
	2.4	Administration							
3.0	ACAI	DEMIC PROGRAMMES							
	3.1	Undergraduate Programmes	13						
	3.2	Post Graduate Programmes (Introduction of 2 PG Program)	13						
	3.3	Doctoral Program	16						
	3.4	Curriculum Development	16						
•	3.5	Admission Procedures	17 21						
	3.6	Existing strength of UG/PG/Ph.D. students	27						
	3.7	Examinations & Evaluations	28						
	3.8	Internal Academic Audit	29						
·	3.9	Collaborations with Industry and R&D Centres	30						
	3.10	MoU's with National / International Universities and Institutes	30						
	3.11	Proposed Plan for Research	30						
4.0	PAR	TICULARS OF ACADEMIC & ADMINISTRATIVE STAFF							
-	4.1	Current Strength of Faculty as on 30.06.2020	31						
	4.2	Academic Staff (Teaching)							
	4.3	Administrative & Other Staff	35						
5.0	NIT (COUNCIL, BOG AND OTHER COMMITTEES							
	5.1	NIT Council	41						
	5.2	Board of Governors	42						
	5.3	List of Senate Members	43						
	5.4	Finance Committee	44						
	5.5	Building & Works Committee	44						
6.0	FINA	ANCIAL STATUS							
	6.1	Grants received from MoE, GOI.							
	6.2	Details of other receipts	45						
	6.3	Expenditure Position							
	6.4	Details of Project Receipts & Expenditure							

Sr. No.			PARTICULARS	Page No.
7.0	RES	EARC	H & CONSULTANCY	140.
	7.1	Rese	earch Projects Details	46
	7.2	Con	sultancy Testing Details	51
8.0	ALU	MNI A	ND RESOURCE GENERATION	84
9.0			S' AMENITIES AND ACTIVITIES	
	9.1		lents' Council	85
	9.2	Host	els	87
	9.3	Stud	ents Activity Center	-
	9.4		plarships / Fellowships	89
	9.5		tute Medals	91
	9.6	+	ement Activities	93
10.0			FACILITIES	94
	10.1		ral Computer Center	
	10.2		ral Library	99
	10.3	_	re for Continuing Education (CCE)	100
	10.4	NPTE		100
	10.5	Centi	re of Excellence	105
	10.6	Rese	arch Park	108
	10.7	SC/S	T Cell	110
	10.8	Wom	en Cell	111
-	10.9	Hindi		112
	10.10		Harvesting Initiatives	118
	10.11		t Bharat Abhiyan (UBA)	119
11.0	TECH	INICAL	EDUCATION QULITY IMPROVEMENT PROGRAM	121
12.0			FRASTRUCTURE	
	12.1		ng Facility	122
	12.2		House	122
	12.3		stitute Health Center	122
	12.4	Staff (123
	12.5 12.6	Schoo	<u> </u>	123
	12.7	Post C	are Centre	125
	12.8	Bank	MICE	125
	12.9		portation Services	125
13.0			CHIEVEMENTS	125
	13.1		y and Students achievements	
$\neg \neg$	13.2		vements made during the reporting year 2019-20	127
		(i)	Publication in the International Journals	400
		(ii)	Publication of Book or Book Chapter/s	132
		(iii)	Publication in National Journals	165 169
		(iv)	Conference Proceedings / Papers presented in the International Conferences / Workshops / Seminar	170

Sr. No.	PARTICULARS							
	(v)	Conference Proceedings / Papers presented in the National Conferences / Workshops / Seminar	194					
-	(vi)	Conference / Workshops / Seminar Symposium / Short Term Programmes organized at SVNIT.	199					
	(vii)	Expert Lectures delivered by the faculty members at SVNIT / other Institute / Organization	204					
	(viii)	Expert Lectures organized at SVNIT Surat as Resource Person (other than STTP)	221					
	(ix)	Paper Reviewers in International and National Journals / Conferences / Seminars	222					
	(x)	Patents details of Patent Granted / Filed	237					
14.0	ANNUAL AC	COUNT FOR THE YEAR 2019-2020	238					

Director's Report



The Sardar Vallabhbhai National Institute of Technology, erstwhile, the Sardar Vallabhbhai Regional College of Engineering and Technology, was set up in 1961 under the joint aegis of the Government of India and the Government of Gujarat. The Institute name begins from the name of India's first Home Minister, popularly known as the Iron man of India, Honorable Shri Sardar Vallabhbhai Patel. The noble objective was to impart technical education to the young generation, contributing to the science and technology development of the nation, promotion of humanity, as well as bringing people of India together. Since its inception, the Institute has evolved itself under the continuous support of all our stake holders and participants to meet societal aspirations.

In the context of the year 2019-20, notable initiatives taken and scholarly recognitions achieved by the Institute are listed succinctly. In the year 2020, the National Institute Ranking Framework of the Ministry of Human Resource Development, now the Ministry of Education, India, has listed our Institute '54' in the category of 'Engineering Institutions. The Institute values novel ideas as well as revised methods and techniques imparting globally acceptable education. The Institute has made additions of qualified staffs in its different segments to gain 'global excellence in education, better learning scenario as well as better systematic procedure in effect'. Surely, the Institute will carve a niche in the contemporary global education and achieve a top echelon among the Institutes of Technology.

The Institute has adopted the method of attracting talented Indian nationals to join as the members of the academic staff contributing to training younger generation of our society. The Institute has inducted 43 Faculty members via the well devised recruitment procedure conducted in August-September 2019. As a result of this, the current Faculty strength is 208 against the 296 sanctioned strength of the Institute.

The recruitment of the Institute has become a regular initiative for the induction of qualified committed persons aspiring for contributing to the academics of the Institute via their innovative teaching, quality research and development as well as support to the administration. The induction is not only restricted to the academic staff, but that goes beyond. The Institute has inducted qualified administrative members, i.e. the Registrar, the Deputy Registrar and the Assistant Registrars, as well to serve the aspiration of the Institute.

In the 2019-20, the Institute has introduced two specialized Master programmes, 'Instrumentation and Control' (Electrical Engineering) as well as 'Construction Technology and Management' (Civil Engineering). The both courses are the industry-driven. They will meet 'control and automations as well as contemporary construction requirements' of the nation. In addition to existing doctoral programme academic regulations, the Institute has introduced the 'comprehensive evaluation' of the Research Scholars as well. The concerning comprehensive evaluation is a performance measure to test achieving prerequisites leading to augmentation in the novelty of their research findings. Moreover, the Institute has adopted new revised curricula for the undergraduate programmes to achieve agreements with global requirements. That will instill technical prowess and ingenuity in our undergraduates. Significantly, that offer greater flexibility to augment their leaning via the introduction of several sets of electives under different specialized domains. The Institute has begun honours as well as minor degree programmes, including early induction programs, for undergraduate students with the objective of greater opportunities to higher studies. Our Faculty members have brought coveted recognitions via their contributions to the Journals of prestigious scholarly societies of the world, citations of their work, the implementation of significant projects supported from the prestigious national as well as International agencies, including imparting consultancy to society-oriented projects.

Devising a perspective plan, a broader framework, of the Institute is at the advanced stage—as well as it has brought more clarity for 'the future directions of the Institute'. The notions of inclusivity and multidisciplinarity are also accounted for in the perspective plan of the Institute. The plan is on the lines of the New Education Policy 2020 of my Country. That will help shape the future growth of the Institute as well as help the Institute mark its place via notable contributions to the society. Amid pandemic situations, the Institute has adopted 'effective and novel steps to tackle the hardships' to preserve the quality education. The evaluation system was effectively adopted in agreement with the laid down academic procedure. Finally, let me emphasize that most importantly, the Institute continues to evolve its humane and noble missions to attract and train talented young people of the generation concerning their tomorrow's technological contributions to the society. In conclusion, I acknowledge all those, who have left their mark on the Institute.

Prof. S R Gandhi
Director
S.V. National Institute of Technology Surat

1.0 INTRODUCTION

1.1 Our Vision

Sardar Vallabhbhai National Institute of Technology, Surat, is to be one of the leading Technical Institute disseminating globally acceptable education, effective industrial training and relevant research output.

1.2 Our Mission

Sardar Vallabhbhai National Institute of Technology, Surat, is to be a globally accepted Centre of Excellence in technical education catalyzing absorption, innovation, diffusion and transfer of high technologies resulting in enhanced quality for all the stakeholders.

1.3 Objectives

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

1.4 Good Practices being followed by SVNIT

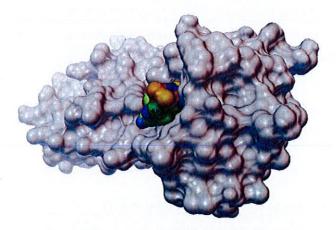
- The Institute provides flexibility to the students for getting an exposure at Institute of repute such as IITs.
- Early induction to the Ph.D. program for the top meritorious students from the M.Tech.I – admitted directly to Ph.D. program.
- 3) Institute practices Internal Academic audit for improvement in quality of education.
- 4) Regularly participating for Accrediting of UG & PG programmes.
- 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.
- Policy for filling / obtaining of patents and sharing revenue for probable revenue generation.
- Encouraging students for research activities / training and are supported for presenting papers in India and at abroad including internships.
- 9) All the students in the campus have been covered under the Mediclaim Policy.

1.5 Services to the Society in the COVID-19 Pandemic Situation:

During the challenging times of COVID-19, the Director of the Institute Dr Shailesh R Gandhi appealed the students/ research scholars of the institute to come forward and contribute in fighting against COVID-19. Students and faculty responded to his call and contributed in various ways. The brief description of each interventions are described in following paragraphs:

1.5.1 Mr Seshu Vardhan, research scholar of Applied Chemistry Department under the supervision of Dr S K Sahoo started computer based simulations and docking work using high-speed computing facilities to contribute some results on the mission of quick discovery of drugs for COVID-19. The purpose of computer based simulations work is to search targets from medicinal plant extracts (found in tulsi, neem, citrus etc) and FDA-approved drugs that could have potential use for fight against COVID-19.

Some computational results from his research group indicating that the phytochemicals (chemicals of plant origin) are showing better binding with the proteins related to COVID-19 as compared to hydroxychloroquine claimed to be effective against COVID-19. Therefore, the outcome is a good sign for future research to use traditional Indian medicines an alternate for long term fight against COVID-19. Some other computational simulations to propose suitable targetsfor COVID-19 are in the process of development.



@ SVNIT: Image of Molecular Docking

1.5.2 Considering the shortage of protective devices, Director Prof. S. R. Gandhi called upon the faculty and students to come up with some easy to use protective devices utilizing the in-house capabilities of the institute. Taking this call, Dr. Harshit Dave and Dr. Shailendra Kumar from Mechanical Engineering Department came up with a simple and affordable face shield and face mask with the support of their research scholars, Ashish Prajapati, Swapnil Vyavahare, Ravi Teja Karumuri Rahul Narkhedeand Labh Chand Dhakar. The 3D printing is an upcoming manufacturing process which is being widely investigated in Advance Manufacturing Laboratory and Research Lab (Production section) of the department.

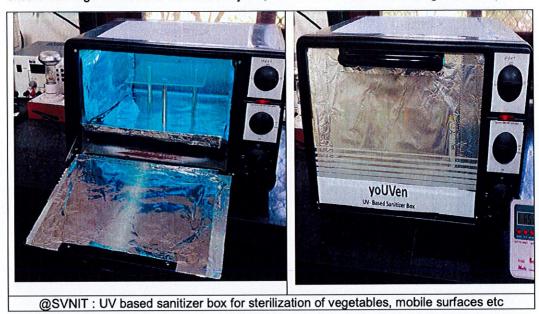


The team used PLA material which is a biocompatible material having negligible impact on environment. Face shield and face mask so fabricated weigh only 15 gram and 70 gram respectively and can be easily worn. Similarly the team made and distributed ear guards, public toilet tap retrofit, door handle retrofit etc. Around 700 face shields have been distributed amongst front line covid warriors like Surat Municipal Health Care Team, Medical Doctors, Local Police Station Staff, Security Staff, Mess Workers etc.



1.5.3 Development of low cost Steriser box yoUVen for sanitization of vegetables groceries and mobile phones etc.: One major channel, through which the virus has still been managing to spread, is vegetables, groceries and, particularly, mobile phones. Thus, it is very important to thoroughly sterilize surfaces of mobile phones, vegetables, fruits and groceries before using them. Although several new designs of sterilizer box have been emerging recently for decontamination of these surfaces, most of them rely on irradiation of UV-C on the surfaces to deactivate virus. However, the complete sterilization of entire surface may not be guaranteed by mere UV irradiance, particularly due to shadowing in case of objects with irregular shape or when the objects are in bunch, such as currency notes.

Research Scholar Akshay Jariwala and Dr. Vipul Kheraj, Associate Professor of Department of Applied Physics, SVNIT, and his team at Optoelectronic Materials and Devices lab has developed and fabricated a novel sterilizer box to overcome this problem. The design involves combination of UV-C radiation along with hot-air in an oven, hence named 'yoUVen', to ensure thorough sterilization of various objects, even when the surface is irregular in shape.



1.5.3 Development of 'Sardar Automated Trolley' for COVID-19 patients: Mr Parth Shah, Research scholar at SVNIT Surat under the guidance of Prof. S A Channiwala, CSIR Bhatnagar Fellow and workshop staff Shri Gajendra Panchal along with Mr. Gav Master and Mr. Shivdas developed an automated Trolley for COVID-19 ward. The trolley can be operated using smart phone from remote location. The trolley compartments were treated with anti bacterial and antiviral coating treated with Tulsi Extract. Dr Ravi Kant Workshop in-Charge extended all his support.



@ SVNIT : Hand over of Automated Trolley to Covid Patient Ward

The trolley can be operated remotely and can be used to dispatch food packets, medicines to covid patients. It has speaker arrangement for announcement.

Mr Kalpak Sagar and Nishant Shah, Research Scholars under the guidance of Dr Hemant Mehta and Shri G J Panchal fabricated a disinfection tunnel for vehicles visiting the campus. The tunnel is also used to disinfect the ambulance on campus which is also handling the covid patients. Shri G J Panchal, Technician SG I and Incharge Foreman at Workshop played a key role. Dr Ravi Kant extended all support from Workshop as Workshop Incharge.



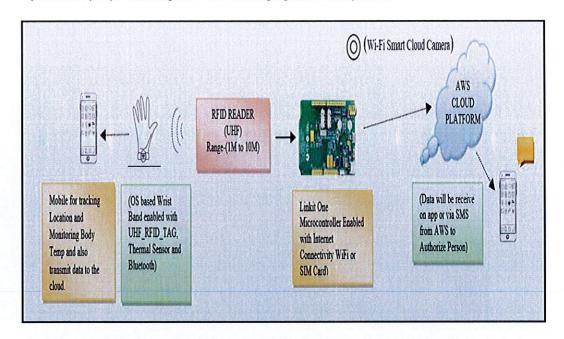
@ SVNIT: Tunnel in making for disinfection of Ambulance, Institute Vehicles etc

1.5.4 With the lead role of Workshop Staff Mr Gajendra Panchal and support from research scholars Mr Puneet Kumar and Himanshu Prajapati developed a foot operated hand sanitizer that can be operated using foot paddle so as to minimise the risk of transmission. The machine was developed and handed over to Health Center. Dr Ravi Kant Professor Incharge Workshop mentored the development of this product.



@SVNIT: Foot Operated Sanitizer Dispenser

1.5.5 The Students of Electronics Engineering Department of SVNIT Surat Kanchankumari, Pritesh Kethele, Shubham Pandey under the guidance of Dr Mrs Upena D Dalal, designed home quarantine people tracking and alert message generation system.



@ SVNIT: Home Quarantine Tracking and Alert Message Generation System

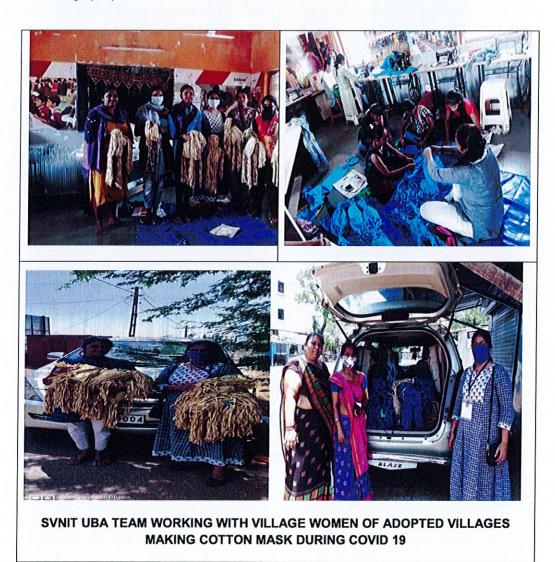
The system monitors in three stages. In First stage OS based wrist band will connect through mobile phone using Bluetooth. GPS location and thermal body temperature will be monitored and data will be shared to cloud. Geo-fencing will be created using home location of quarantine people. If that person cross that geo-fencing area alert message will be sent along with exact location of that person using GPS feature and if that person tries to remove the wrist band, variation will be observed on thermal sensor data and alert will be sent to corresponding authority using cloud.

In second stage if person decided to roam around and left the mobile phone in home intentionally, then at exit points of society UHF RFID reader will detect RFID tag and data will be transmitted to cloud using LinKit One microcontroller and after that alert will be sent to concern authority using cloud.

In third stage if person intentionally removed his/her wrist band and left mobile phone in home then WiFi smart cloud camera will detect that person using face detection and if it matches true with the record of quarantine people then alert message will sent to concern authority using cloud.

- **1.5.6** Around 22 students under the guidance of Dr K D Yadav, Dr Krupesh Chauhan and Mrs Dr Shweta Shah under Unnat Bharat Abhiyan participated in following activities:
 - a) Participated in Total Health by Rhythmic Breathing webinar and spreaded awareness and benefits of such exercises and Yoga
 - b) Students participated in awareness photo making to fight against Corona Virus
 - c) UBA students/ Faculty and our Chief Medical Officer Dr Sanjay Shah contributed in making 10,000 cloth masks by taking cloth in donation from one of the Surat Textile owners Shri Kamal Pugalia Ji and Dr Paresh Shah (Surgeon and Philanthropist), got

them stitched from the women from villages adopted under Unnat Bharat Abhiyan. This has made women villages to earn their livelihood in challenging times. The cotton masks were distributed to campus students, security staff, mess workers, house keeping staff of campus. In addition to this few masks were distributed to village people.



- 1.5.7 Webinar on 'Emotional Wellness during COVID-19' was arranged on **YOURDOST** platform for 300 students of SVNIT Surat. Students participated in overwhelmingly.
- 1.5.8 Use of artificialintelligence to detect covidpatient: Dr J. Banerjee led ASHINE incubated students, namely,Nikhil Vyas, Pratyush Gupta, Divya Shah and Kishan Singh and Het Shah developed a software using artificial intelligence and deep learning claiming that the chest X Ray can assist doctors in identification of COVID -19.

Making of inhouse Hand Sanitizer by Chemical Engineering Department: The research scholars Mr Rushikesh and Mr Yash under the able guidance of Dr Jigisha Parikh, Dr Meghal Desai and Dr S R Patel prepared around 100 Liters of Hand Sanitizer. This then filled in small bottles and were handed over to Health Center Chief Medical Officer Dr Sanjay Shah who in turn arranged to distribute in campus at various places like students hostel, security staff, faculty quarters etc. Similarly few bottles were handed over to Dr K D Yadav of Unnat Bharat Abhiyan for its distribution in villages.



@ SVNIT : Sanitizer Making by our Chemical Engineering Department for inhouse Distribution

2.0 AN OVERVIEW

2.1 Introduction

S.V. 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 programmes in Electronics Engineering was introduced and in the year 1988-89 the UG programmes in Computer Engineering and Production Engineering was started. In the year 1995-96, an UG programme in Chemical Engineering was introduced. The Government of India declared the Sardar Vallabhbhai Regional College of Engineering & Technology (SVREC) Surat to Sardar Vallabhbhai National Institute of Technology (SVNIT) Susrat with status of 'Deemed University' with effect from 4th December, 2002. The Institute has been granted the status of 'Institute of National Importance' w.e.f. Aug. 15, 2007. At present, the Institute is offering Six UG Programmes, Seventeen PG Programmes and Three M.Sc. Five Years Integrated programme including doctoral programme in all above branches.

Discipline Details

Si No	Discipline Name	Lêye	Year of Incaption	Sub Sub Streams	SUD arream Name	Level	Year of Sub stream Inception
]				Environmental Engineering	PG	1973
}		l		ļ	Urban Planning	PG	1973
1	_ Civil	UG	1961	06	Soil Mechanics & Foundation Engg.	PG	1973
} `	Engineering		1001		Structural Engineering	PG	1974
					Water Resource Engineering	PG	1987
<u> </u>	ļ				Transportation Engineering & Planning	PG	2007
		ĺ			Turbo Machines	PG	1983
	Mechanical	UG	1961	05	Mechanical Engineering	PG	1974
2	Engineering				Manufacturing Engg. / IPED (2013)	PG	2013
					Thermal System Design	PG	2007
<u> </u>					CAD / CAM	PG	2007
3	_Electrical	ug	1961	02	Power Electronics & Electrical Drives	PG	2006
-	Engineering				Power System	PG	2012
4	Electronics	ug	1982	02	Communication Systems	PG	2005
ļ	Engineering		1002	- 02	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		***		ļ
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 Boy's Hostel and One Girls' Hostel accommodating about 3488 students. The number of girl's student is increasing day by day. The Institute has at present 150 staff quarters and 80 new flats have been built and occupied by faculty. The institute campus spread over 250 acres. The campus has separate buildings for all the academic departments and looking to the growth of the departments, new buildings have been constructed.

2.4 Administration

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

The Govt. of India, Ministry of Education (Deptt. of Secondary and Higher Education) has constituted a NIT council to coordinate the activities of all NITs. The Hon'ble Minister, Ministry of Education, Govt. of India is an ex-officio Chairman of the Council.

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

The Finance committee, Building and Works committee are other statutory Committees of the Institute.

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

3.0 ACADEMIC PROGRAMMES

3.1 Undergraduate Programmes:

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

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

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

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

3.2 Post Graduate Programmes: (Introduction of 2 PG Programs)

Two new M. Tech programme has been implemented in specialized areas to serve the need of the industry.

To start this programme, the process had started in January 2018 and had gone through multi-stage approval system including DAAC, IAAC, Senate, BOG, FC and finally the approval to start the programme was obtained in Jan, 2020 after several discussions at length on different platforms.

(A) M. Tech. Programme (Electrical Engineering Department) - Instrumentation and Control

Electrical	Progress made to start the programme					
36th Departmental Academic Advisory Committee (DAAC) Held on 23/01/2018 Item no: 4	Valid GATE score in Electronics and Communication Engineering and Electrical Engineering and Instrumentation would be eligible for admission in this programme.					
34th Institute Academic Advisory Committee (IAAC) Held on 02/02/2018 Item No: 19	Resolved to request the department to revised and resend the proposal inclusive of complete justification of requirement of faculty, staff and laboratories for starting the new PG programme.					
37th Departmental Academic Advisory Committee (DAAC) Held on 19/03/2018	Recommended the beginning the new M.Tech. programme.					
35th Institute Academic Advisory Committee (IAAC) Held on 15/05/2018 Item No: 06	In principle the house agreed that the department may go ahead with the plan for two year M. Tech. programme in "Instrumentation and Control". However a final decision for approval will be taken after revision of syllabus for UG and PG programs and new faculty recruitment. Further, the concerned faculty members relevant to M. Tech. programme in "Instrumentation and Control" are required to offer institute level elective courses for PG and doctoral students of other disciplines of Engineering and Sciences. Also the house recommended that M. Tech. programme in "Instrumentation and Control" should be of interdisciplinary nature involving faculty from all relevant Engineering and Sciences departments and students from all relevant Engineering disciplines should be eligible for admission to this programme.					

Electrical	Progress made to start the programme					
45th Departmental Academic Advisory Committee (DAAC) Held on 24-09-2019 Item No: 3	The need of expertise to begin the M. Tech. has discussed and applicable eligible branch disciplines in the program are B.Tech in Electrical Engg., Electronics and Communications Engg., Instrumentation and Control, Instrumentation. This matter had been put in 41st IAAC Meeting held on 26/09/2019 vide reso no. 19.					
42nd Senate Meeting held on 27/09/2018 Item No: 04	Refer to the Appendix 35th IAAC held on 15th May, 2018					
41st Institute Academic Advisory Committee (IAAC) Held on 26/09/2019 Item No: 19	Forwarded to the 45th Senate for discussion.					
45th Senate held on 30/09/2019 Item no. 05(B),(C)	The Senate discussed and agreed the beginning of the new M Tech program (Instrumentation and Control) and Forwarded the Senate-approved proposal to FC and BOG for consideration.					
51st BOG held on 10/10/2019 Item no:18	Resolved and recommended that resolution of Senate meeting involving financial implication be brought as separate agenda, if any, in future.					
52nd BOG held on 09/01/2020 Item no:11	Approved with recommendations of intake of 27 students per year including 5 regular sponsored students.					

Programme Education Objectives (PEOs):

- To prepare graduates, who will be successful professionals in industry, government, academia, research and consulting firms.
- 2. To prepare the graduates, who have the ability to identify and address current problems in technology and society using the domain of control engineering.
- 3. To augment research and contribution to technological development in the fields of Process Control and Instrumentation.
- 4. To be life-long independent and reflective learning skills in their career.
- 5. To prepare graduates, who will achieve peer-recognition as an individual or in a team, through demonstration of good analytical, research, design and implementation skills.

(B) M. Tech. Programme (Civil Engineering Department)- Construction Technology and Management

Civil	Progress made to start the programme
21th Departmental Academic Advisory Committee (DAAC) Held on 02/04/2018	Revised Syllabus CTM was discussed and consider and approval for IAAC and Senate. Hence forwarded to IAAC and Senate.
35th Institute Academic Advisory Committee (IAAC) Held on 15/05/2018	In principle the house agreed that the department may go ahead with the plan for two year M. Tech. programme in "Construction Technology and Management". However a final decision for approval may be taken after revision of syllabus for UG and PG programs and faculty recruitment in the particular area.
42nd Senate Meeting held on 27/09/2018	Refer to the Appendix 35th IAAC held on 15th May, 2018
41st Institute Academic Advisory Committee (IAAC) Held on 26/09/2019	Forwarded to the 45th Senate for discussion.

Cívil	Progress made to start the programme						
45th Senate held on 30/09/2019 Item no. 05(B),(C)	The Senate discussed and agreed the beginning of the new M Tech program (CTM) and Forwarded the Senate-approved proposal to FC and BOG for consideration. Forwarded the proposal to FC and BOG for consideration.						
51st BOG held on 10/10/2019 Item no:18	Resolved and recommended resolved that resolution of Senate meeting involving financial implication be brought as separate agenda, if any, in future.						
52nd BOG held on 09/01/2020 Item no:11	Approved with recommendations of intake of 27 students per year including 5 regular sponsored students.						

Program Educational Objectives (PEOs):

- 1. Excel in professional career and develop research skills in the field of Construction Technology & Management.
- 2. Exhibit professionalism through lifelong learning and able to work in teams for collaborative and various task.
- 3. Graduates will communicate effectively in their team, adapt to emerging trends for sustained growth in independent and reflective learning and exhibit social responsibility and Professional ethics.

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

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

- (1) Civil Engineering
- (2) Applied Mechanics (Presently merge with Civil Engineering Department)
- (3) Mechanical Engineering
- (4) Electronics & Communication Engineering
- (5) Chemical Engineering
- (6) Computer Engineering
- (7) Electrical Engineering

3.3 Doctoral Programmes

Full Time Doctorate programmes are offered in following academic Departments:

- (1) Applied Mechanics (Structural Engineering & Geotechnical Engineering) {presently merge with Civil Engineering Department}
- (2) Applied Chemistry
- (3) Applied Mathematics & Humanities
- (4) Applied Physics
- (5) Chemical Engineering
- (6) Civil Engineering
- (7) Computer Engineering
- (8) Mechanical Engineering
- (9) Electronics Engineering
- (10) Electrical Engineering

3.4 Curriculum Development

(1) Revision of Syllabus:

Syllabus of B.Tech-I and M.Sc.-I was revised vide 43rd Senate meeting held on 4th May 2019. Remaining syllabus of B.Tech, and M.Sc. was revised vide 48th Senate meeting held on 26th June 2020 and implemented to cater the need of global technological standard.

Some salient features of the syllabus is as under:

- 1. Induction of same curriculum for B.Tech. and M.Sc. first year.
- 2. Inducted Branch Specific courses in first year.
- 3. Added an audit course on "Holistic Empowerment and Human Values".
- 4. Introduced large number of institute elective courses.
- 5. Introduced large number of departmental elective courses.
- 6. Inducted B.Tech. (Minor) Degree program.
- 7. Inducted B.Tech (Honors) Degree program.

(2) Introduction of early Programs for students:

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

- (1) Sharma Aditya Mukeshbhai
- (2) Kabrawala Raj Bhadreshkumar

(3) Comprehensive examinations of the Research scholars:

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

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

SVNIT has implemented B.Tech. Minor in the Academic Year 2020-21 as per resolution of the 43th Senate held on 04th May 2019. 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 59 students who opted for B. Tech (Minor) with great zeal and enthusiasm. This also provides additional opportunity of acquiring minimum credits of 15 enables to lead the B. tech minor degree.

B. Tech Honors will be implemented in the next year for students enrolled in Academic Year 2019-20 i.e in 3rd and 4th year of the course and have to earn minimum 15 additional credits from M. Tech course. More global electives & departmental electives have been approved by IAAC through DAAC and finally approved by senate to provide electives for implementing B.Tech. (Minor) and B.Tech (honors) in wider aspects.

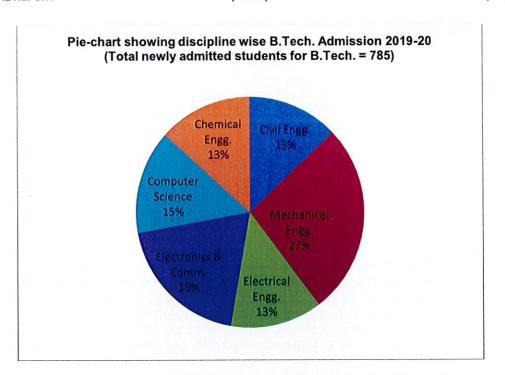
3.5 Admission Procedures:

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

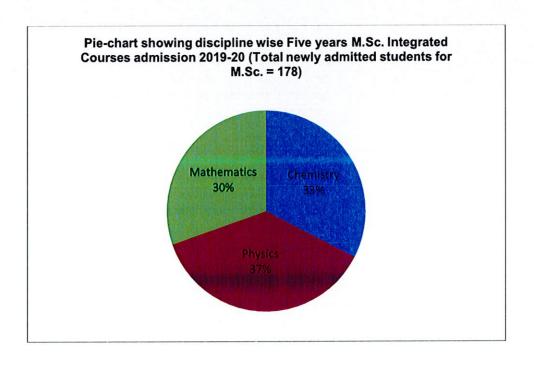
Admissions into the B.Tech. Programmes and Integrated M.Sc. is made on the basis of All India Rank of Joint Entrance Exam (Main) conducted by National Testing Agency, New Delhi for Indian Nationals. NRIs students are admitted through DASA Scheme. In addition to them, foreign students are admitted as 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 104 seats of DASA students are also admitted under the scheme of Central Government.

Discipline	Intake	Open		EWS		sc		ST		ОВС		DASA/ GOI		TOTAL	
(B.Tech.)		В	G	В	G	В	G	В	G	В	G	В	G	В	G
Civil Engg.	105	39	07	04	02	13	03	06	02	25	04	02	02	89	20
Mechanical Engg.	214	79	16	10	02	26	07	14	02	49	09	12	00	190	36
Electrical Engg.	105	39	08	04	02	14	02	06	02	25	04	01	03	89	21
Electronics & Comm.	155	60	10	06	02	20	04	09	02	35	08	04	03	134	29
Computer Science	103	38	08	04	02	13	02	06	02	24	04	10	10	95	28
Chemical Engg.	103	41	09	04	02	14	02	04	03	24	04	04	01	91	21
Total	785	296	58	32	12	100	20	45	13	182	33	33	19	688	155



Discipline	1-4-1	Open		EWS		sc		ST		ОВС		TOTAL	
(M.Sc.)	Intake	В	G	В	G	В	G	В	G	В	G	В	G
Chemistry	67	23	05	04	00	07	02	03	01	12	01	49	09
Physics	68	26	04	03	00	09	01	06	00	15	02	59	07
Mathematics	67	23	05	01	00	04	03	04	01	12	00	45	09
Total	202	72	14	8	0	20	6	13	2	39	3	153	25

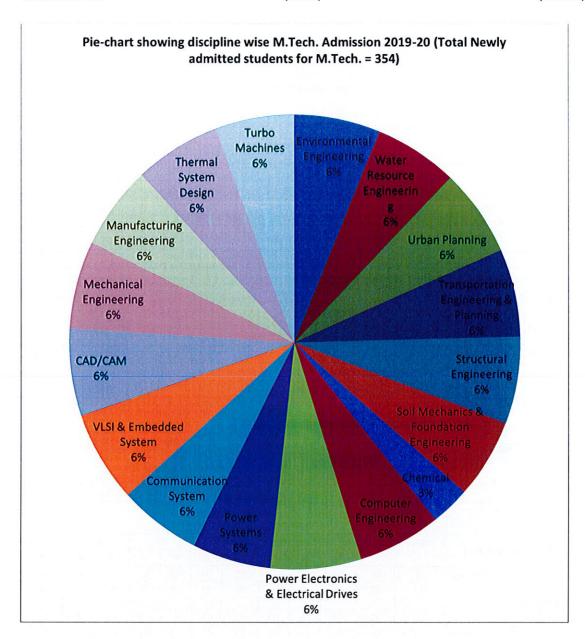


Post Graduate Courses:

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

Sr. No.	Department	Discipline (M.Tech.)	Intake (CCMT)	Sponsored	Total Seats
01		Environmental Engineering	22	05	27
		Water Resource Engineering	22	05	27
	Civil	Urban Planning	22	05	27
	Engineering	Transportation Engineering & Planning	22	05	27
		Structural Engineering	23	05	28
		Soil Mechanics & Foundation Engineering	22	05	27
02	Chemical Engineering	Chemical Engineering	23	05	28
03	Computer Engineering	Computer Engineering	23	05	28
04	Electrical	Power Electronics & Electrical Drives	23	05	28
	Engineering	Power Systems	22	05	27
05	Electronics	Communication System	22	05	27
	Engineering	VLSI & Embedded System	23	05	28
06		CAD/CAM	23	05	28
		Mechanical Engineering	22	05	27
	Mechanical Engineering	Manufacturing Engineering	22	05	27
	rugmeering	Thermal System Design	23	05	28
		Turbo Machines	22	05	27
		TOTAL	381	85	466

District All Tools	intake	Op	en	E۱	NS	S	С	S	T	OB	C	TO.	TAL
Discipline (M.Tech.)		В	G	В	G	В	G	В	G	В	G	В	G
Environmental Engineering	22	07	03	01	00	03	00	02	00	03	03	16	06
Water Resource Engineering	22	09	04	00	00	02	01	00	00	02	03	13	08
Urban Planning	22	06	10	00	00	03	00	01	00	01	01	11	11
Transportation Engineering & Planning	22	09	01	02	00	02	01	00	01	04	02	17	05
Structural Engineering	23	09	00	01	00	03	01	02	00	05	01	20	02
Soil Mechanics & Foundation Engineering	22	08	02	01	00	01	01	00	01	05	01	15	05
Chemical Engineering	23	06	01	00	00	02	01	00	00	00	00	08	02
Computer Engineering	23	08	01	01	00	01	02	01	01	06	00	17	04
Power Electronics & Electrical Drives	23	09	01	01	00	04	00	02	00	04	02	20	03
Power Systems	22	08	02	01	00	02	01	01	00	04	01	16	04
Communication System	22	09	02	00	01	02	01	00	00	04	02	15	06
VLSI & Embedded System	23	09	01	01	00	02	02	01	01	05	01	18	05
CAD/CAM	23	14	01	01	00	03	00	00	00	03	00	21	01
Mechanical Engineering	22	10	00	01	00	03	00	02	00	06	00	22	00
Manufacturing Engineering	22	09	01	02	00	02	00	01	00	05	01	19	02
Thermal System Design	23	10	00	01	00	04	00	01	00	05	01	21	01
Turbo Machines	22	14	01	01	00	02	01	00	00	01	00	18	02
TOTAL	381	154	31	15	01	41	12	14	4	63	19	287	67



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 in Para 2 above and should have passed with 55% aggregate marks of all 8 Semesters (CGPA=6.0) 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. There will be 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 2019-20)

Branch	Year	Semester	Boys	Girls	Total
	1	First	89	20	109
Civil Engineering	. 11	Third	77	14	91
Olan Engineering	111	Fifth	83	12	95
	IV	Seventh	66	10	76
	_	Total	315	56	371
	1	First	190	36	226
Mechanical Engineering	11	Third	193	30	223
Mechanical Engineering	111	Fifth	204	10	214
	IV	Seventh	216	06	222
		Total	803	82	885
	ı	First	89	21	110
Elastrical Engineering	H	Third	76	16	92
Electrical Engineering	III	Fifth	79	11	90
	IV	Seventh	69	09	78
		Total	313	57	370
	1	First	134	29	163
Electronics & Comm.	11	Third	120	29	149
Engineering	III	Fifth	107	29	136
_	IV	Seventh	80	48	128
		Total	441	135	576
	1	First	95	28	123
Computer Engineering	II I	Third	90	25	115
Computer Engineering	III	Fifth	89	15	104
	IV	Seventh	86	25	111
Total	•		360	93	453
		First	91	21	112
Chamical Engineering	Ш	Third	70	15	85
Chemical Engineering	III	Fifth	76	14	90
	IV	Seventh	74	15	89
	, ,,,	Total	311	65	376
	Gı	rand Total	2543	488	3031

Five Year Integrated M. Sc. Programmes : (Academic Year 2019-20)

Branch	Year	Semester	Boys	Girls	Total
	1	First	59	07	66
	- II	Third	42	11	53
Physics	III	Fifth	33	09	42
	IV	Seventh	15	04	19
	V	Ninth	34	08	42
	Total	183	39	222	
	ı	First	49	09	58
	II	Third	38	09	47
Chemistry	III	Fifth	18	11	29
	IV	Seventh	06	04	10
	V	Ninth	18	13	31
		Total	129	46	175
	I	First	45	09	54
	11	Third	40	12	52
Mathematics	III	Fifth	35	14	49
<u> </u> 	IV	Seventh	13	06	19
	V	Ninth	28	09	37
		Total	161	50	211
		Grand Total	473	135	608

P.G. Programmes (Academic Year 2019-20)

Branch Soil Mech. & Foundation Engineering First Sem Third Sem Water Resource Engineering. First Sem Third Sem Environmental Engineering First Sem Third Sem Urban Planning	Year I II II	15 16	05 01	20 17
First Sem Third Sem Water Resource Engineering. First Sem Third Sem Environmental Engineering First Sem Third Sem]	16		
Third Sem Water Resource Engineering. First Sem Third Sem Environmental Engineering First Sem Third Sem]	16		
Water Resource Engineering. First Sem Third Sem Environmental Engineering First Sem Third Sem]	13	1 01	17
First Sem Third Sem Environmental Engineering First Sem Third Sem				
Third Sem Environmental Engineering First Sem Third Sem			- 00	04
Environmental Engineering First Sem Third Sem			08	21
First Sem Third Sem		15	03	18
Third Sem		40		
		16	06	22
I Urban Planning		10	80	18
First Sem		11	11	22
Third Sem	H	07	80	15
Structural Engineering		· ''		
First Sem	<u> </u>	20	02	22
Third Sem	11	15	01	16
Transportation Engineering & Planning		I I		
First Sem		17	05	22
Third Sem		15	01	16
Mechanical Engineering (General)		, , , , , , , ,		
First Sem	<u> </u>	22	00	22
Third Sem	II _	15	00	15
Turbo Machines				
First Sem	1	18	02	20
Third Sem	ll l	13	01	14
Manufacturing Engineering				
First Sem	1	19	02	21
Third Sem	П	13	01	14
Thermal System Design				
First Sem	1	21	01	22
Third Sem	H	14	00	14
CAD-CAM				
First Sem	1	21	01	22
Third Sem	<u> </u>	16	01	17
Power Electronics & Electrical Drives				
First Sem	1	20	03	23
Third Sem	П	12	01	13
Power Systems				•
First Sem	1	16	04	20
Third Sem	ļI ļ	15	00	15
Communication Systems				
First Sem	1	15	06	21
Third Sem	11	12	05	17
VLSI & Embedded Systems				
First Sem		18	05	23
	II	13	05	18
Computer Engineering				
First Sem	1	17	04	21
	II	09	05	14
Chemical Engineering	I			
First Sem	1	08	02	10
Third Sem	II .	08	04	12
Total of First Sem		287	67	354
Total of Third Sem		218	45	263
Total of First & Third S	Sem	505	112	617

M.Tech. (Research) (Academic Year 2019-20)

Departments	Admission Year	Boys	Girls	Total
Applied Mechanics	2012-13	02	00	02
	Total	02	00	02
	Grand Total	02	00	02

Ph.D. Programmes (Academic Year 2019-20) (Engg.): (A)

Departments	Admission Year	Boys	Girls	Total
	2011-12	01	00	01
	2012-13	03	00	03
	2013-14	04	00	04
	2014-15	11	02	13
Machaniael Custossins	2015-16	13	01	14
Mechanical Engineering	2016-17	16	01	17
	2017-18	20	00	20
	2018-19	28	01	29
	2019-20	19	00	19
	Total	115	05	120
-	2012-13	02	02	04
Civil Engineering	2013-14	03	05	08
Oldin Engineering	2014-15	08	05	13
	2015-16	11	04	15
	2016-17	20	02	22
	2017-18	14	06	20
	2018-19	14	07	21
	2019-20	22	16	38
	Total	94	47	141
	2010-11	01	01	02
	2011-12	00	00	00
	2012-13	01	01	02
Applied Mechanics	2013-14	07	00	07
(Presently merge with Civil	2014-15	07	05	12
Engineering Department}	2015-16	06	02	80
	2016-17	14	03	17
	2017-18	23	05	28
	2018-19	16	00	16
	2019-20	10	01	11
	Total	85	18	103
	2011-12	01	00	01
	2012-13	00	00	00
	2013-14	01	00	01
Chemical Engineering	2014-15	04	02	06
	2015-16	04	00	04
	2016-17	06	00	06

Departments	Admission Year	Boys	Girls	Total
·	2017-18	06	04	10
	2018-19	10	02	12
	2019-20	04	03	07
	Total	36	11	47
	2010-11	00	01	01
	2011-12	00	00	00
	2012-13	00	01	01
	2013-14	00	01	01
Electronics & Communication	2014-15	07	05	12
Electronics & Communication Engineering	2015-16	03	02	05
gg	2016-17	06	04	10
	2017-18	09	05	14
	2018-19	04	01	05
	2019-20	06	01	07
	Total	35	21	56
	2012-13	01	00	01
	2013-14	04	00	04
	2014-15	09	01	10
	2015-16	01	04	05
Electrical Engineering	2016-17	08	04	12
	2017-18	08	05	13
	2018-19	08	07	15
	2019-20	12	07	19
	Total	51	28	79
	2009-10	00	01	01
_	2010-11	00	00	00
	2011-12	00	00	00
	2012-13	00	00	00
	2013-14	00	00	00
Computer Engineering	2014-15	02	00	02
- ompater Engineering	2015-16	06	05	11
	2016-17	02	00	02
	2017-18	02	06	08
	2018-19	06	03	09
	2019-20	07	01	08
	Total	25	16	41
Total of Engg. (A	A)	441	146	587

Ph.D. Programmes (Academic Year 2019-20) (Science): (B)

Departments	Admission Year	Boys	Girls	Total
	2013-14	02	01	03
	2014-15	03	04	07
	2015-16	02	02	04
A	2016-17	00	00	00
Applied Chemistry	2017-18	06	02	08
	2018-19	03	07	10
	2019-20	07	08	15
	Total	23	24	47
,-	2013-14	01	00	01
	2014-15	03	01	04
Applied Mathematics	2015-16	01	03	04
Applied Mathematics	2016-17	04	00	04
	2017-18	03	02	05
	2018-19	04	04	08
	2019-20	15	06	21
	Total	31	16	47
	2011-12	01	00	01
	2014-15	02	01	03
	2015-16	04	02	06
A Unal Physics	2016-17	01	00	01
Applied Physics	2017-18	07	02	09
	2018-19	07	04	11
	2019-20	02	05	07
	Total	24	14	38
	2016-17	01	01	02
Management	2019-20	03	02	05
	Total	04	03	07
· -	2014-15	00	01	01
	2017-18	00	01	01
English	2018-19	00	01	01
-	2019-20	01	01	02
	Total	01	43	05
To	tal of Science (B)	83	61	144
Gr	and Total (A)+(B)	524	207	731

3.7 Examinations & Evaluation:

Undergraduate Courses – Bachelor of Technology (Examination April/May 2019)

Discipline	Total No appeared	Total No passed	Above 7.5 CGPA	7.5- 6.0 CGPA	Below 6.0 CGPA	Торрег	CGPA
Civil	93	90	68	17	05	Patel Jainish Maheshbhai	9.75
Mechanical	237	221	168	31	22	Kikani Abhishek Kishor	9.84
Electrical	95	94	65	24	05	Vadgama Dhruv Ketanbhai	9.74
Electronics & Comm.	138	135	96	26	13	Nadim Asif	9.40
Computer	109	107	90	08	09	Prajapati Bharghvi Shailesh	9.47
Chemical	82	80	59	15	06	Jhanvi Vinod Rathod	9.74
Total	754	727	546	121	60		

Five Years Integrated M.Sc. Courses (Examination April/May 2019)

Discipline	Total No appeared	Total No passed	Above 7.5 CGPA	7.5- 6.0 CGPA	Below 6.0 CGPA	Topper	CGPA
Chemistry	43	43	33	10	00	Surbhi Awasthi	9.68
Physics	46	46	32	13	01	Hiren Kakkad	9.78
Mathematics	49	48	23	20	05	Supriya Murdia	9.62
Total	138	137	88	43	06		

Post Graduate Courses – Master of Technology (M.Tech.) Courses (Examination April/May 2019)

Departments	No of students passed
Chemical Engineering	12
Civil Engineering	95
Computer Engineering	15
Electrical Engineering	31
Electronic Engineering	34
Mechanical Engineering	70
Total	257

M.Tech. (Research) (Examination April/May 2019)

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

Doctorate Courses - Ph.D. Courses (2019-20)

Department	No. of students	
Chemical Engineering	05	
Civil Engineering	21	
Computer Engineering	05	
Electrical Engineering	09	
Electronics Engineering	05	
Mechanical Engineering	18	
Chemistry	02	
Mathematics	09	
Physics	04	
English	00	
Management	02	
Total	80	

3.7.1 Online Feedback System for Courses:

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

3.7.2. Online Classes & Examinations during COVID-19:

On account of COVID-19, Physical class room teaching has been suspended by Standing Executive Committee held on 24th March, 2020 where six weeks of classes were left out. This classes where conducted in online mode by Google Link and MS Teams platform. End semester examination and the internal quizzes were also conducted in online mode. Detailed procedures for conducting online examination were approved in 48th Senate wide resolution no. 48.9 dated 26th June 2020. MCQ and open book examinations had been included in online mode of examination. End semester examination of UG and PG students were taken in multi-stage, where final year exams were given on priority to avail employment opportunity and higher education. The present odd semester (spring Semester) is going on in online mode. The admission of first year UG, PG, M. Sc. M.Tech., PhD (including written and viva) were successfully conducted in online mode.

3.8 Internal Academic Audit:

To check the quality of our PG and UG Students, the academic audit was conducted. The peer review presses of Academic Audit of all academic Programmes UG and PG in all Engineering and Science of the institute had been carried out as per MHRD guidelines during 18-19th October 2019. Twenty Experts from reputed institutes were invited in this regard. The expert members were divided into 6 groups (Engineering departments/ Programme with 2 experts each, except civil Engineering and Applied Mechanics: 3 experts) and 4 experts members science and humanities departments. They interacted with alumni, students, faculty members, research scholars and given constructive suggestions to improve the quality of education in terms of curriculur, teaching leaning, evaluation and laboratory infrastructure. The committee had also examined the relevance of area of research, methodology, publication and Doctoral degree evaluation system. Based on the suggestions of the experts, the following have been implemented:

- 1) Syllabus revision
- Addition of more experimental facilities
- 3) Comprehensive examination is introduced for the research scholar pursuing Ph.D.
- 4) Research Methodology is now mandatory for all PhD Scholars.

3.9 Collaborations with industry and R&D Centers

SVNIT Surat has taken a lead role in providing state of art technical knowledge to students and its stake holders. Liaison is established with reputed industry and Research and development centers by signing MoUs. The details of same are given below.

Sr. No	MoUs Signed With	MoUs Description	
1	National Instrument, Vadodara	Labview Graphical Programinig And Data Acquisition	
2	Guru Krupa Mach Tech Pvt Lltd. Morbi	Necessary suggestions for improvement in the Gasification Technology.	
3	Indian Navy, Ins Valsura	For enhancing the availability of Highly Qualified Manpower In the areas of Rf, Wireless Communication, Digital Signal Processing, Power Electronics, Electricals, Computers, Sensors & Actuators	
4	Raja Ramanna Centre for Advanced Technology, Indore	Recognizing the imporatance of research and devlopment in the area of lasers related technologies	
5	Khs Machinery Pvt Ltd, Ahemedabad	Collaborative activities like conduct a short courses, summer internships etc.	
6	Jampot Photonics Pvt Ltd (Jppl), Pune	Recognizing the imporatance of research and development in the area photonics engineering and integrated circuit design	
7	Gujcost, Gandhinagar, Gujarat	Experimental studies on high performance concrete using industrial wastes	
8	Gujcost, Gandhinagar, Gujarat	Studies of interfacial characteristics of Liquid-Liquid System	
9	Gujcost, Gandhinagar, Gujarat	Some studies on performance of previous concrete for improving soft ground by projest for improving soft ground by Prof. J.B. Patel	
10	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	
11	Pariksha.co.	Placement preperation of students	
12	Ministry Of Human Resource Development, Government Of India	For implementation of the institutional development plan under Technical Educational Quality Improvement Programne Phase-III	
13	Gujarat Knowledge Society, Gandhinagar	Creating environment for creativity to flourish and an end to end support system in educational institution to allow sample support to ideas for better execution	
14	Thermax Ltd., pune - 411003	To provide internship opportunities to the third year engineering students of Bachelor's Degree Program	
15	En-Vision Environmental Services, Surat	Jointly working on CERC (Clean Environment Research Center) to address the Environmental Pollution Issue	
16	Ministry of Road Transport & Highways (Morth) New Delhi,(Irc)	Curriculum/Course for training of road safety & road safety audit etc.	

3.10 MoUs with National/ International Universities and Industries

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

Sr No	MoUs Signed With	MoUs Description		
1	Chung-Ang University, Republic of Korea	Work for internationalization of higher education		
2	C-DAC, Mumbai	R & D activity		
3	Department of Electronics and Information Technology, New Delhi	Information security education and awareness (ISEA) Project (Phase-Ii)		
4	Centre for Development of Advanced Computing (C-DAC), Pune	Installation and deployment of C-Dac's ndigenously Developed Supercomputer In A Box - Param Shavak		
5	Centre for Development of Advanced Computing (C-DAC), Pune	Supply/ Installation/ Devlopyment Of Param Shavak Supercomputing Facility At Svnit For Capability In The The Area Of High Performance Computing & Deep Learning		
6	Government Medical College, Surat	It Infrastructure Development Between Govt Medical College And Svnit, Surat		

3.11 Proposed Plan for Research

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

Fund Details: On Going Projects

No. of Projects	Sanctioned Amount	Received Amount	Expense	Balance
77*	50,23,46,918	22,80,23,368	18,76,66,720	4,03,56,648
*Including old projects need to settle account for closure				

4.0 Particulars of Academic & Administrative Staff:

4.1 Current Strength of Faculty as on 30.06.2020

The Institute has 296 sanctioned posts of faculty members. The faulty recruitment process was conducted during August-September 2019 and 43 new faculty members at the level of Assistant Professor had joined. The total number of faculty members during 2019-2020 was 208. Another faculty recruitment advertisement was issued in February 2020 to fill up 79 posts of Assistant Professors, 1 post of Associate Professor, and 1 post of Professor. The applications were received from the candidates and the recruitment process is expected to be completed soon.

4.2 Academic Staff (Teaching)

The department-wise list of faculty members with their designations during 2019-2020 is as given below.

LIST OF ACADEMIC STAFF

Sr. No.	Name of the Employee	Department	Designation
01	Dr. S. R. Gandhi - Head of the Institute		Director
02	Dr. P. L. Patel	CED	Deputy Director &
			Professor (HAG)
03	Dr. C. D. Modhera	CED	Professor (HAG)
04	Dr. J.N. Patel	CED	Professor (HAG)
05	Dr. B. K. Samtani	CED	Professor
06	Dr. J. E. M. Macwan	CED	Professor
07	Dr. S. M. Yadav	CED	Professor
08	Dr. G. J. Joshi	CED	Professor
09	Dr. M. Ahammed	CED	Professor
10	Dr. R. A. Christian	CED	Professor
11	Dr. V. L. Manekar	CED	Professor
12	Dr. K. A. Chauhan	CED	Professor
13	Dr. A. K. Khambete	CED	Professor
14	Dr. R. Kumar	CED	Professor
15	Dr. P. G. Agnihotri	CED	Professor
16	Dr. A. K. Desai	CED	Professor
17	Dr. S. A. Vasanwala	CED	Professor
18	Dr. C. H. Solanki	CED	Professor
19_	Mr. N. N. Patel	CED	Associate Professor
20	Dr. K. D. Yadav	CED	Associate Professor
21	Dr. S. Arkatkar	CED	Associate Professor
22	Dr. A. Dhamaniya	CED	Associate Professor
23	Dr. P. V. Timbadiya	CED	Associate Professor
24	Dr. D. A. Patel	CED	Associate Professor
25	Mr. A. J. Shah	CED	Associate Professor
26	Dr. G. R. Vesmawala	CED	Associate Professor
27	Dr. Y. D. Patil	CED	Associate Professor
28	Dr. S. Patel	CED	Associate Professor
29	Dr. S. R. Suryavanshi	CED	Associate Professor
30	Dr. N. D. Jariwala	CED	Assistant Professor
31	Dr. B. N. Tandel	CED	Assistant Professor
32	Dr. C. Patel	CED	Assistant Professor
33	Dr. G. D. Kale	CED	Assistant Professor
34	Dr. R. M. Tailor	CED	Assistant Professor
35	Dr S. Kumar	CED	Assistant Professor
36	Dr. B. Kondraivendhan	CED	Assistant Professor

Sr. No.	Name of the Employee	Department	Designation
37	Dr. A. M. Parghi	CED	Assistant Professor
38	Dr. S. Shukla	CED	Assistant Professor
39	Dr. J. B. Patel	CED	Assistant Professor
40	Mr. A. J. Solanki	CED	Assistant Professor
41	Dr. B. Barman	CED	Assistant Professor*
42	Dr. J. T. Chawda	CED	Assistant Professor*
43	Dr. V. Bhaiya	CED	Assistant Professor*
44	Dr. A. Kumar	CED	Assistant Professor*
45	Dr. G. Tamizharasi	ÇED	Assistant Professor*
46	Dr. K. A. Patel	CED	Assistant Professor*
47	Dr. S. A. Channiwala	MED	Professor (HAG)
48	Dr. R. V. Rao	MED	Professor (HAG)
49	Dr. H. K. Raval	MED	Professor (HAG)
50	Dr. H. B. Naik	MED	Professor
51	Dr. H. J. Nagarsheth	MED	Professor
52	Dr. D. P. Vakharia	MED	Professor
53	Dr. K. P. Desai	MED	Professor
54	Dr. D. V. Bhatt	MED	Professor
55	Dr. J. Banerjee	MED	Professor
56	Dr. A. A. Shaikh	MED	Professor
57	Dr. S. Kumar	MED	Professor
58	Dr. T. N. Desai	MED	Professor
59	Dr. B. M. Sutaria	MED	Associate Professor
60	Dr. A. D. Parekh	MED	Associate Professor
61	Mr. M. B. Maisuria	MED	Associate Professor
62	Mr. D. B. Gohil	MED	Associate Professor
63	Dr. D. I. Lalwani	MED	Associate Professor
64	Dr. J. V. Menghani	MED	Associate Professor
65	Dr. R. Kant	MED	Associate Professor
66	Dr. B. Baloni	MED	Associate Professor
67	Dr. P. V. Bhale	MED	Associate Professor
68	Dr. H. B. Mehta	MED	Associate Professor
69_	Dr. H. K. Dave	MED	Associate Professor
70	Dr. R. D. Shah	MED	Associate Professor
71_	Dr. A. V. Doshi	MED	Assistant Professor
72	Dr. M. H. Bade	MED	Assistant Professor
73	Dr. S. Soni	MED	Assistant Professor
74	Dr. D. Singh	MED	Assistant Professor
75	Dr. M. K. Rathod	MED	Assistant Professor
76	Dr. V. D. Kalyankar	MED	Assistant Professor
77	Dr. A. Lal	MED	Assistant Professor
78	Dr. S. N. Pandya	MED	Assistant Professor
79	Dr. V. K. Patel	MED	Assistant Professor
80	Dr. V. P. Rathod	MED	Assistant Professor
81	Mr. A. B. Makwana	MED	Assistant Professor
82	Mr. A. K. Mahto	MED	Assistant Professor
83	Mr. N. G. Patel	MED	Assistant Professor
84	Dr. P. Sharma	MED	Assistant Professor*
85	Dr. V. M. Patel	MED	Assistant Professor*
86	Dr. Y. Naresh	MED	Assistant Professor*
87	Dr. A. Kumar	MED	Assistant Professor*
88	Dr. Prabhansu	MED	Assistant Professor*
89	Dr. A. S. Mulay	MED	Assistant Professor*
90	Dr. B. N. Sahoo	MED	Assistant Professor*
91	Dr. N. A. Baraiya	MED	Assistant Professor*
92	Dr. R. Tamrakar	MED	Assistant Professor*

Sr.	Name of the Employee	Department	Designation
No.		MED	Assistant Professor*
93	Dr. P. Yadav	MED	Assistant Professor*
94	Dr. S. Khare	MED	Assistant Professor*
95	Dr. R. R. Pande	EED	Professor
96	Dr. S. N. Sharma		
97	Dr. A. Chowdhury	EED	Professor
98	Dr. R. Chudamani	EED	Professor
99	Dr. A. K. Panchal	EED	Professor
100	Dr. V. A. Shah	EED	Professor
101	Mr. M. N. Bhusavalwala	EED	Associate Professor
102	Mr. J. J. Patel	EED	Associate Professor
103	Dr. H. R. Jariwala	EED	Associate Professor Associate Professor
104	Dr. M. A. Mulla	EED	
105	Mrs. M. D. Gohil	EED	Associate Professor Associate Professor
106	Dr. P. B. Darji	EED	
107	Dr. P. M. Kundu	EED	Associate Professor
108	Dr. V. Mahajan	EED	Associate Professor
109	Dr. H. G. Patel	EED	Associate Professor
110	Dr. R. Maurya	EED	Associate Professor
111	Dr. S. Arya	EED	Associate Professor
112	Dr. K. D. Mistry	EED	Associate Professor
113	Mrs. C. Gor	EED	Assistant Professor
114	Dr. A. Mahesh	EED	Assistant Professor*
115	Dr. S. Tolani	EED	Assistant Professor*
116	Dr. C. R. Reddy	EED	Assistant Professor*
117	Dr. R. Radhakrishnan	EED	Assistant Professor*
118	Dr. S. Kumar	EED	Assistant Professor*
119	Dr. K. V. P. Kumar	EED	Assistant Professor*
120	Dr. G. Sushnigdha	EED	Assistant Professor*
121	Dr. J. V. Ramanaiah	EED	Assistant Professor*
122	Dr. U. D. Dalal	ECED	Professor
123	Mr. A. H. Lailuwadia	ECED	Associate Professor
124	Mr. N. B. Kanirkar	ECED	Associate Professor
125	Mr. P.K. Shah	ECED	Associate Professor
126	Dr. J. N. Sarvaiya	ECED	Associate Professor
127	Dr. A. D. Darji	ECED	Associate Professor
128	Dr. P. N. Patel	ECED	Associate Professor
129	Dr. R. Dhavse	ECED	Associate Professor
130	Dr. S. Gupta	ECED	Associate Professor
131	Dr. J. N. Patel	ECED	Associate Professor
132	Dr. Z. M. Patel	ECED	Associate Professor
133	Dr. S. N. Shah	ECED	Assistant Professor
134	Dr. K. P. Upla	ECED	Assistant Professor
135	Dr. A. S. Mandloi	ECED	Assistant Professor
136	Dr. P. J. Engineer	ECED	Assistant Professor
137	Mr. G. Santra	ECED	Assistant Professor
138_	Mr. C. M. Patel	ECED	Assistant Professor
139	Dr. A. Acharya	ECED	Assistant Professor*
140	Dr. S. Deb	ECED	Assistant Professor*
141	Dr. C. K. Manharlal	ECED	Assistant Professor*
142	Dr. D. Joshi	ECED	Assistant Professor*
143	Dr. K. Bajaj	ECED	Assistant Professor*
144	Dr. D. C. Jinwala	CoED	Professor (HAG)
145	Dr. D. R. Patel	CoED	Professor
146	Dr. M. A. Zaveri	CoED	Professor
147	Mr. R. P. Gohil	CoED	Associate Professor
148	Dr. R. G. Mehta	CoED	Associate Professor

Sr. No.	Name of the Employee	Department	Designation
149	Dr. K. N. Jariwala	CoED	Assistant Professor
150	Dr. S. Patel	CoED	Assistant Professor
151	Dr. D. P. Rana	CoED	Assistant Professor
152	Dr. U. P. Rao	CoED	Assistant Professor
153	Dr. B. N. Gohil	CoED	Assistant Professor
154	Dr. D. R. Nayak	CoED	Assistant Professor*
155	Dr. B. L. Parne	CoED	Assistant Professor*
156	Dr. K. J. Parmar	CoED	Assistant Professor*
157	Dr. Z. V. P. Murthy	ChED	Professor (HAG)
158	Dr. P. A. Parikh	ChED	Professor (HAG)
159	Dr. M. Chakraborty	ChED	Professor
160	Dr. M. Mukhopadhyay	ChED	Professor
161	Dr. J. K. Parikh	ChED	Professor
162	Dr. C. M. Patel	ChED	Associate Professor
163	Dr. M. A. Desai	ChED	Associate Professor
164	Dr. A. Jana	ChED	Associate Professor
165	Dr. J. Solanki	ChED	Associate Professor
166	Dr. A. A. Mungray	ChED	Associate Professor
167	Dr. A. Mungray	ChED	Associate Professor
168	Dr. S. R. Patel	ChED	Associate Professor
169	Dr. V. N. Lad	ChED	Associate Professor
170	Dr. S. Gupta	ChED	Assistant Professor
171	Dr. G. C. Jadeja	ChED	Assistant Professor
172	Dr. S. K. Sundar	ChED	Assistant Professor*
173	Dr. J. Singh	ChED	Assistant Professor*
174	Dr. S. Mishra	ChED	Assistant Professor*
175	Dr. V. K. Rathore	ChED	Assistant Professor*
176	Dr. S. Jauhari	ACD	Professor
<u>17</u> 7	Dr. B. Z. Dholakiya	ACD	Associate Professor
178	Dr. S. K. Kailasa	ACD	Associate Professor
179	Dr. S. K. Sahoo	ACD	Associate Professor
180	Dr. N. Maiek	ACD_	Associate Professor
181	Dr. K. C. Maheria	ACD	Associate Professor
182	Dr. P. Kumari	ACD	Associate Professor
183	Dr. K. Kruperkar	ACD	Assistant Professor
184	Dr. R. Kumar	ACD	Assistant Professor
185	Dr. T. Naveen	ACD	Assistant Professor*
186	Dr. R. Jangir	ACD	Assistant Professor*
187	Dr. A. K. Shukla	AMHD	Professor
188	Dr. V. H. Pradhan	AMHD	Professor
189	Dr. N. Adalakha	AMHD	Professor
190	Dr. S. Kumar	AMHD	Associate Professor
191	Dr. J. Dhodiya	AMHD	Associate Professor
192	Dr. H. P. Bulsara	AMHD	Associate Professor
193	Dr. D. Gopal	AMHD	Assistant Professor
194	Dr. T. Singh	AMHD	Assistant Professor
195	Dr. R. K. Jana	AMHD	Assistant Professor
196	Dr. R. K. Meher	AMHD	Assistant Professor
197	Dr. U. Kaushal	AMHD	Assistant Professor
198	Dr. I. P. Debnath	AMHD	Assistant Professor*
199	Dr. S. K. Srivastava	AMHD	Assistant Professor*
200	Dr. K. N. Pathak	APD	Professor
201	Dr. A. K. Rai	APD	Associate Professor
202	Dr. V. A. Kheraj	APD	Associate Professor
203	Dr. D. V. Shah	APD	Associate Professor
204	Dr. D. R. Roy	APD	Associate Professor

Sr. No.	Name of the Employee	Department	Designation
205	Dr. L. K. Saini	APD	Assistant Professor
206	Dr. Y. A. Sonvane	APD	Assistant Professor
207	Dr. S. Pandey	APD	Assistant Professor*
208	Dr. N.K. Datta	Phy. Edu.	Associate Professor

*Newly joined faculty member (The recruitment process was conducted during August-September 2019).

4.3 **Administrative & Other Staff:**

4.3.1 List of Administrative Staff as on 30/06/2020

Sr. No.	Name	Designation	
01	Dr. Pramod Mathur	Registrar	
02	Dr. S. G. Shah	Chief Medical Officer	
03	Shri A. C. Patel	Principal Scientific Officer	
04	Shri Kamlabh Kumar Singh	Deputy Registrar	
05	Shri Ravinder Kumar	Assistant Registrar	
06	Shri B. P. Sibasankar	Assistant Registrar	
07	Shri Peela Krishna C.	Assistant Registrar	
08	Shri Mrityunjay Kumar M.	Assistant Registrar	
09	Shri Ajay Sharma	Assistant Librarian	
10	Shri Chirag Vaghela	SAS Officer	
11	Mrs. M. P. Mody	Assistant (SG-I)	
12	Mrs. S. J. Pathak	Assistant (SG-I)	
13	Mrs. D. M. Shah	Assistant (SG-I)	
14	Shri P. D. Bhatt	Assistant(SG-I)	
15	Shri K. P. Solanki	Assistant (SG-I)	
16	Shri N. C. Solanki	Assistant(SG-I)	
17	Mrs. M. A. Patel	Assistant(SG-I)	
18	Shri A. V. Panchal	Assistant(SG-II)	
19	Shri R. D. Ruparel	Assistant(SG-II)	
20	Shri M. C. Vania	Assistant(SG-II)	
21	Mrs. R. M. Garasia	Assistant(SG-II)	
22	Ms. P. K. Bhagwagar	Senior Assistant	
23	Shri C. M. Suthar	Senior Assistant	
24	Mrs. P. H. Kantharia	Senior Assistant	
25	Shri M. L. Patel	Senior Assistant	
26	Shri V. R. Patel	Senior Assistant	
27	Shri R. J. Patel	Senior Assistant	
28	Shri Dilip Rathod	Junior Assistant	
29	Shri B. K. Patel	Junior Assistant	
30	Shri R. B. Solanki	Junior Assistant	
31	Dr. Patij K. Shah	Technical Assistant (SG-I)	
32	Shri S.C. Shoemaker	Assistant Engineer (SG-II)	
33	Shri P.P. Vankar	Senior Technical Assistant	

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

4.3.2 List of new recruitees:

Sr.	Name	Designation	Department	Date of			
No.				Joining			
-01	ACADEMIC 01 Dr. (Mrs.) Bandita Barman Asst. Prof. CED 14/10/2019						
02		Asst. Prof.	CED	14/10/2019			
03	Dr. Patel Jignesh Balubhai Dr. Chawda Jitesh T	Asst. Prof.	CED	13/09/2019			
		Asst. Prof.	CED	15/10/2019			
04 05	Dr. Vishisht Bhaiya	Asst. Prof.	CED	30/09/2019			
	Dr. Ankesh Kumar	Asst. Prof.	CED	24/10/2019			
06	Dr. Tamizharasi G	Asst. Prof.	CED	04/11/2019			
07	Dr. Patel Kashyapkumar A	Asst. Prof.	CED	19/12/2019			
08 09	Dr. Pandya Shaileshkumar N.	Asst. Prof.	MED	13/09/2019			
10	Dr. Patel Vimalkumar K. Dr. Rathod Vikram P.	Asst. Prof.	MED	13/09/2019			
11	Dr. Pawan Sharma	Asst. Prof.	MED	13/09/2019			
12		Asst. Prof.	MED	02/12/2019			
13	Dr. Patel Vipul Mangalbhai Dr. Naresh Yarramsetty	Asst. Prof.	MED	21/10/2019			
14	Dr. Amit Kumar	Asst. Prof.	MED	27/09/2019			
15	Dr. Prabhansu	Asst. Prof.	MED	23/09/2019			
16	Dr. Mulay Amrut Shrikant	Asst. Prof. Asst. Prof.	MED MED	09/10/2019			
17	Dr. Biranchi Narayan Sahoo	Asst. Prof.	MED	18/11/2019 02/12/2019			
18	Dr. Baraiya Nikhil Ashokbhai	Asst. Prof.	MED	13/11/2019			
19	Dr. Rohit Tamrakar	Asst. Prof.	MED	27/12/2019			
20	Dr. Pallvita Yadav	Asst. Prof.	MED	23/09/2019			
21	Dr. Sumit Khare	Asst. Prof.	MED	24/09/2019			
22	Dr. Pande Rohan Rahul	Asst. Prof.	MED	26/09/2019			
23	Dr. Aeidapu Mahesh	Asst. Prof.	EED	24/10/2019			
24	Dr. Sanjay Tolani	Asst. Prof.	EED	04/10/2019			
25	Dr. Rajasekhara Reddy Chilipi	Asst. Prof.	EED	05/12/2019			
26	Dr. Rahul Radhakrishnan	Asst. Prof.	EED	26/09/2019			
27	Dr. Shailendra Kumar	Asst. Prof.	EED	02/12/2019			
28	Dr. Kunisetti V. Praveen Kumar	Asst. Prof.	EED	30/09/2019			
29	Dr. Gangireddy Sushnigdha	Asst. Prof.	EED	05/11/2019			
30	Dr. Jammala Venkataramanaiah	Asst. Prof.	EED	24/10/2019			
31	Dr. Pinal J. Engineer	Asst. Prof.	ECED	13/09/2019			
32	Dr. Abhishek Acharya	Asst. Prof.	ECED	10/12/2019			
33	Dr. Suman Deb	Asst. Prof.	ECED	04/11/2019			
34	Dr. Captain Kamal Manharlal	Asst. Prof.	ECED	21/10/2019			
35	Dr. Deepak Joshi	Asst. Prof.	ECED	30/09/2019			
36	Dr. Kirti Bajaj	Asst. Prof.	ECED	30/09/2019			
37	Dr. Bhavesh Gohil	Asst. Prof.	COED	13/09/2019			
38	Dr. Deepak Ranjan Nayak	Asst. Prof.	COED	05/12/2019			
39	Dr. Parne Balu Laxman	Asst. Prof.	COED	02/12/2019			
40	Dr. Parmar Keyur Jivanlal	Asst. Prof.	COED	30/12/2019			
41	Dr. Sundar S. K.	Asst. Prof.	CHED	03/10/2019			
42	Dr. Jogender Singh	Asst. Prof.	CHED	03/10/2019			
43	Dr. Sarita Mishra	Asst. Prof.	CHED	16/10/2019			
44	Dr. Vineet Kumar Rathore	Asst. Prof.	CHED	30/09/2019			
45	Dr. Togati Naveen	Asst. Prof.	ACD	30/09/2019			
46	Dr. Ritambhara Jangir	Asst. Prof.	ACD	30/09/2019			
47	Dr. Indira Priyadarshini Debnath	Asst. Prof.	AMHD	10/10/2019			
48	Dr. Shailesh Kumar Srivastava	Asst. Prof.	AMHD	02/12/2019			
49	Dr. Shail Pandey	Asst. Prof.	APD	03/10/2019			
		MINISTRATIVE					
01	Dr. Pramod Mathur	Registrar	Registrar Office	11/02/2020			
02	Shri Kamlabh Kumar Singh	Deputy Registrar	Establishment	12/03/2020			
03	Shri B. P. Sibasankar	Assistant Registrar	Account Section	12/06/2020			
04	Shri Peela Krishna C.	Assistant Registrar	E & S Section	02/06/2020			
05	Shri Mrityunjay Kumar M.	Assistant Registrar	Acad. Section	18/06/2020			

4.3.3 List of employees superannuated / retired / resigned / relieved during the year 2019-20

Sr. No.	Name	Designation		Date of Superannuation	
	ACADEMIC				
01	Dr. S.A. Channiwala	Professor		30/09/2019	
02	Dr. B.K. Samtani	Professor	Vo	luntary retirement on 31/12/2019	
03	Dr. D.V. Bhatt	Professor		31/05/2020	
04	Dr. Shailendrakumar	Asst. Prof.		Resigned on 12/06/2020	
05	Dr. Deepak Ranjan Nayak	Asst. Prof.		Resigned on 29/06/2020	
		ADMINISTRATIV	Έ		
01	Shri R.M. Varlekar	Assistant (SG	.l)	31/07/2019	
02	Shri J.B. Chaudhary	Attdt. (SG.II) Vol. Retirement on 31/10		Vol. Retirement on 31/10/2019	
03	Shri B.D. Gamit	Technician (SC	3.I)	31/05/2020	
04	Shri M.M. Kokani	Attdt. (SG.II) 30/06/2020		30/06/2020	

4.3.4 List of employees promoted / upgraded during the year 2019-20

Sr. No.	Name	Designation	Remarks
01	Shri Natvar C. Solanki	Assistant (SG-II)	Financial Up-gradation under MACP-30 w.e.f. 31/12/2018
02	Shri Kamlesh P. Solanki	Assistant (SG-II)	Financial Up-gradation under MACP-30 w.e.f. 31/12/2018
03	Mrs. Darshana M. Shah	Assistant (SG-II)	Financial Up-gradation under MACP-30 w.e.f. 01/10/2016
04	Mrs. Sweta J. Pathak	Assistant (SG-II)	Financial Up-gradation under MACP-30 w.e.f. 17/09/2016
05	Shri Pinakin D. Bhatt	Assistant (SG-II)	Financial Up-gradation under MACP-30 w.e.f. 18/07/2018
06	Ms. P.K. Bhagwagar	Jr. Assistant	Financial Up-gradation under MACP-20 w.e.f. 27/01/2017
07	Shri M. L. Patel	Jr. Assistant	Financial Up-gradation under MACP-20 w.e.f. 28/01/2017
08	Shri Chetan M. Suthar	Jr. Assistant	Financial Up-gradation under MACP-20 w.e.f. 27/01/2017
09	Mrs. Pragna H. Kantharia	Jr. Assistant	Financial Up-gradation under MACP-20 w.e.f. 27/01/2017
10	Shri Rajesh J. Patel	Jr. Assistant	Financial Up-gradation under MACP-20 w.e.f. 05/03/2018
11	Ms. Mina A. Patel	Assistant (SG.II)	Financial Up-gradation under MACP-30 w.e.f. 12/04/2020
12	Shri M. S. Rathwa	Technician (SG-II)	Financial Up-gradation under MACP-20 w.e.f. 19/02/2017
13	Shri B.D. Gamit	Technician (SG.II)	Financial Up-gradation under MACP-20 w.e.f. 22/12/2019
14	Shri B.S. More	Technician (SG.II)	Financial Up-gradation under MACP-20 w.e.f. 21/12/2019

Sr. No.	Name	Designation	Remarks
15	Shri Manharbhai T. Patel	Technician (SG-II)	Financial Up-gradation under MACP-20 w.e.f. 28/08/2017
16	Shri R. M. Vasava	Technician (SG-II)	Financial Up-gradation under MACP-20 w.e.f. 26/12/2016
17	Shri D.M. Rathod	Technician (SG.II)	Financial Up-gradation under MACP-20 w.e.f. 16/8/2019
18	Shri Axay B. Bilimoria	Tech. Asst.	Financial Up-gradation under MACP-20 w.e.f. 02/09/2017
19	Mrs. Mamta S. Patel	Tech. Asst.	Financial Up-gradation under MACP-20 w.e.f. 17/02/2017
20	Shri Ganpatbhai S. Shah	Tech. Asst.	Financial Up-gradation under MACP-20 w.e.f. 31/12/2016
21	Shri N.D. Patel	Technician (SG.I)	Financial Up-gradation under MACP-20 w.e.f. 17/02/2020
22	Shri H. N. Patel	Ex. Sr. Attendant	Financial Up-gradation under MACP-20 w.e.f. 01/03/2017
23	Smt. C. R. Parmar	Sr. Attendant	Financial Up-gradation under MACP-20 w.e.f. 07/01/2017

4.3.5 List of employees on Extra-Ordinary Leave / Deputation / Lien / Sabbatical Leave during the year 2019-20.

Şr. No.	Name	Designation	Remarks
01	Dr. Debesh Ranjay Roy	Asso. Prof.	Leave from 01/11/2019 to 17/09/2020
02	Dr. Dhiren R. Patel	Professor	Deputation from 1/7/2017 to 31/5/2022
03	Dr. Rajendra kumar	Asst. Prof.	Lien for 2 years from 15/10/2019
04	Dr. Dhanjay Gopal	Asst. Prof.	Lien for 2 years from 19/6/2020

4.3.6 Staff position as on 30/06/2020

Sr. No.	Cadre	Sanctioned	In Position	Vacant
	Academic:	·	<u> </u>	
01	Director (Head of the Institute)	01	01	00
02	Professor	41	46	(+)05
03	Associate Professor	85	69	(-)16
04	Assistant Professor	169	88	(-)81
	Sub Total (A)	296	204	(-)92
	Administrative:	-1,-		
01	Registrar	01	01	
02	Deputy Registrar	05	01	04
03	Assistant Registrar	05	04	01
04	Assistant Registrar (Rajbhasha)	01		01
05	Librarian	01		01
06	Deputy Librarian	01		01
07	Assistant Librarian	02	01	01
08	Principal SAS Officer	01		01
09	SAS Officer	01	01	
10	Principal Scientific/Technical Officer	01		01
11	Senior Scientific/Technical Officer	01	01	
12	Scientific/Technical Officer	03		03
13	Superintendent Engineer	01		01

Sr. No.	Cadre	Sanctioned	In Position	Vacant
14	Sr. Executive Engineer	02		02
15	Executive Engineer	03	01	02
16	Senior Medical Officer	01	01	
17	Medical Officer	01		01
	Sub Total (B)	31	11	20
01	Technical Assistant / SAS Asst. / LIC Asst. / Jr. Engineer	35	02	33
02	Sr. Technical Assistant / Sr. SAS Asst. / Sr. SIS Asst. / Sr. Asst. Engineer / Pharmacist (SG.II)	27	04	23
03	Technical Assistant (SG.II) / SAS Asst. (SG.II) / LIS Asst. (SG.II) / Asst. Engineer (SG.II) / Pharmacist	18	04	14
04	Technical Assistant (SG.I) / SAS Asst. (SG.I) / LIS Asst. (SG.I) / Asst. Engineer (SG.I)	09	01	08
	Total (I)	89	11	78
01	Technician	35	04	31
02	Senior Technician	26	02	24
03	Technician (SG.II) / Pharmacist	18	03	15
04	Technician (SG.I)	09	06	03
	Total (ii)	88	15	73
	Sub Total (C) (I+II) (Higher + Lower)	177	26	151
01	Superintendent	09	03	06
02	Senior Superintendent/Stenographer (SG.I)	07		07
03	Superintendent (SG.II)	05		05
04	Superintendent (SG.I)	03		03
	Total (III)	24	03	21
01	Junior Assistant	20	02	18
02	Senior Assistant / Stenographer	15	08	07
03	Assistant (SG.II) / Sr. Stenographer	10	01	09
04	Assistant (SG.I) / Sr. Stenographer (SG.II)	05	08	+03
	Total (IV)	50	19	31
	Sub Total (D) (III+IV) (Higher+Lower)	74	22	52
01	Office Attendant / Lab Attendant	17		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	12	+07
	Sub Total (E)	44	15	29
	Grand Total (A+B+C+D+E)	622	278	344

4.3.7 Brief Summary of Staff positions as on 30/06/2020

Sr. No.	Cadre	Sanctioned	In Position	Vacant
01	Director			
02	Professor	296	204	92
03	Associate Professor	290	204	32
04	Assistant Professor			
	(Tecahing) Sub Total (A)	296	203	93
01	Officer	31	11	20
02	Technical Staff	177	26	151
03	Administrative Staff	74	22	5 <u>2</u>
04	Supporting Staff	44	15	29
	(Non-Teaching) Sub Total (B)	326	74	252
	GRAND TOTAL (A + B)	622	277	345

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 Human Resource Development, Government of India	Chairman (Ex-officio)
02	Secretary to the Govt. of India, Department of Higher Education, Ministry of Human Resource Development	Member (Ex-officio)
03	The Chairperson of National Institutes of Technology located at Agartala (Tripura), Allahabad (Uttarpradesh), Bhopal (Madhya Pradesh), Calicut (Kerala), Durgapur (West Bengal), Hamirpur (Himachal Pradesh), Jaipur (Rajasthan), Jalandhar (Punjab), Jamshedpur (Jharkhand), Kurukshetra (Haryana), Nagpur (Maharashtra), Patna (Bihar) Raipur (Chattisgarh), Rourkela (Orissa), Silchar (Asam), Srinagar (Jammu & Kashmir), Surat (Gujarat), Surathkal (Karnataka), Tiruchirapalli (Tamil Nadu and Warangal(Andhra Pradesh)	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 Automic 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 of Maharashtra, from amongst the Ministries or Departments of that government dealing with technical education where the Institutes are located.	Member (Ex-officio)
15	Financial Advisor, Ministry of Human Resource Development, Government of India	Member (Ex-officio)
16	Joint Secretary to the Govt. of India (Technical) / Additional Secretary (Technical) / Department of Higher Education, Ministry Human Resource Development	Member Secretary (Ex-officio)

5.2 BOARD OF GOVERNORS:

01	The Chairperson to be nominated by the Visitor	:	Prof. S.R. Gandhi
02	The Director, Ex-officio	:	Director, SVNIT, Surat.
	Two persons not below the rank of the Joint Secretary to the Government of India to be		Shri Madan Mohan Additional Director General (HE) Ministry of Education, Shastri Bhawan, New Delhi-110 001
03	nominated by the Central Government from amongst persons dealing with technical education and finance.	••	Mrs. Darshana Dabral Joint Secretary & Financial Advisor Integrated Finance Division Ministry of Education, Shastri Bhawan New Delhi-110 001
04	Two persons to be nominated by the Government of the State in which the Institute		Shri Nihar Doctor Director, Envision Enviro Tech. Pvt. Ltd. Surat, Shri Ram Complex, 3 rd floor, Above Bank of India, Nr. Kargil Chowk, Surat-Dumas Road, Piplod, Surat-395 007.
	is situated, from amongst persons, who, in the opinion of that Government, are		Shri Prashant Prataprai Desai Director, DNA Healthcare Project LLP, Surat, B/206, River Palace, Opp: Old Civil Court, Collector Office Road, Nanpura, Surat-395 001.
05	Two persons, at least one of whom shall be a woman, having special knowledge or practical experience in respect of education, engineering or science to be nominated by the Council;	:	Vacant (specific nomination is to be made by the Council)
	One Professor and one Assistant Professor or		Dr. R.A. Christian Professor, CED, SVNIT, Surat.
06	a Lecturer of the Institute to be nominated by the Senate.		Dr. P.V. Bhale Associate Professor, MED, 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

The Senate of the Institute shall consist of the following persons, namely:

Sr.	Name	
No. 01		
02	Prof. S. R. Gandhi, Director, SVNIT, Surat Prof. P. L. Patel, Dy. Director, SVNIT, Surat	Chairman
03	Prof. Pranab Kumar Mohapatra,	Member Member
	Professor, Civil Engineering Department, IIT Gandhinagar	Member
04	Dr. Gajendra K. Adil, Professor- Shailesh J. Mehta School of Management,	Member
	Indian Institute of Technology Bombay, Powai, Mumbai – 400 076	1
05	Dr. Chebrolu Pulla Rao,	Member
	FAPAS, FNASc, FASc, FNA,JC Bose National Fellow, Professor & Head	
	Chemistry, Indian Institute of Technology Tirupati, Tirupati-Renigunta Road,	
06	Settipalli Post, Tirupati – 517 506 (Andhra Pradesh) Dr. G. Bhuvaneshwari, Professor, Deptt. Elect. Engg.	ļ
00	Room No. II/219, IIT Hauz Khas, New Delhi-110016	Member
07	Prof. Z. V. P. Murthy, Professor (HAG), CHED, SVNIT, Surat	Member
08	Prof. P. A. Parikh, Professor (HAG), CHED, SVNIT, Surat	Member
09	Prof. M. Chakraborty, Professor, CHED, SVNIT, Surat	Member
10	Prof. M. Mukhopadhyay, Professor, ChED, SVNIT, Surat	Member
11	Prof. D R Patel, Professor, COED, SVNIT, Surat	Member
12	Prof. D. C. Jinwala, Professor (HAG), COED, SVNIT, Surat	Member
13	Prof. H. B. Naik, Professor, MED, SVNIT, Surat	Member
14	Prof. H. K. Raval, Professor (HAG), MED, SVNIT, Surat	Member
15	Prof. D. P. Vakharia, Professor, MED, SVNIT, Surat (under suspension)	Member
16	Prof. K. P. Desai, Professor, MED, SVNIT, Surat	Member
<u>17</u> 18	Prof. H. J. Nagarsheth, Professor, MED, SVNIT, Surat Prof. T N Desai, Professor, MED, SVNIT, Surat	Member
19	Prof. C. D. Modhera, Professor (HAG), CED, SVNIT, Surat	Member
20	Prof. A. K. Desai, Professor, CED, SVNIT, Surat	Member Member
21	Prof. S. A. Vasanwala, Professor, CED, SVNIT, Surat.	Member
22	Prof. C. H. Solanki, Professor, CED, SVNIT, Surat	Member
23	Prof. J. N. Patel, Professor (HAG), CED, SVNIT, Surat	Member
24	Prof. J. E. M. Macwan, Professor, CED, SVNIT, Surat	Member
25	Prof. S. M. Yadav, Professor, CED, SVNIT, Surat	Member
26	Prof. R. A. Christian, Professor, CED, SVNIT, Surat	Member
27	Prof. K. A. Chauhan, Professor, CED, SVNIT, Surat	Member
28 29	Prof. V. L. Manekar, Professor, CED, SVNIT, Surat Prof. A. Khambete, Professor, CED, SVNIT, Surat	Member
30	Prof. Rakesh Kumar, Professor, CED, SVNIT, Surat	Member
31	Prof. P. G. Agnihotri, Professor, CED, SVNIT, Surat	Member Member
32	Prof. S. N. Sharma, Professor, EED, SVNIT, Surat	Member
33	Prof. Anandita Chowdhury, Professor, EED, SVNIT, Surat	Member
34	Prof. A. K. Panchal, Professor, EED, SVNIT, Surat	Member
35	Prof. Varsha A. Shah, Professor, EED, SVNIT, Surat	Member
36	Prof. U. D. Dalal, Professor, ECED, SVNIT, Surat	Member
37	Prof. SmitaJauhari, Professor, ACD, SVNIT, Surat	Member
38	Prof. A. K. Shukla, Professor, AMHD, SVNIT, Surat	Member
39	Prof. Neeru Adlakha, Professor, AMHD, SVNIT, Surat	Member
40 41	Prof. K. N. Pathak, Professor, APD, SVNIT, Surat	Member
41	Prof. Jyotirmay Banerjee, Professor, MED & Dean (Academic) SVNIT, Surat Prof. V. H. Pradhan, Professor, MED & Dean (SW), SVNIT, Surat	Member
43	Prof. R. V.Rao, Professor (HAG), MED & Dean (SW), SVNIT, Surat	Member Member
44	Prof. G. J. Joshi, Professor, CED & Dean (P&D), SVNIT, Surat	Member
45	Prof. A. A. Shaikh, Professor, MED & Dean (R&C), SVNIT, Surat	Member
46	Prof. J. K. Parikh, Professor, ChED & Asso. Dean (R&C) SVNIT, Surat	Member
47	Prof. Shailendra Kumar, Professor & Head, MED, SVNIT, Surat	Member
48	Prof. R. Chudamani, Professor & Head, EED, SVNIT, Surat	Member
49	Prof. M. A. Zaveri, Professor & Head, COED, SVNIT, Surat	Member
50	Prof. M. Mansoor Ahmmed, Professor & Head, CED, SVNIT, Surat	Member
51	Dr. Pramod Mathur, Registrar, SVNIT, Surat	Secretary

5.4 FINANCE COMMITTEE:

01	The Chairman, Ex-officio who shall be the Chairman of the Committee.	:	Prof. S.R. Gandhi Chairman, BOG, SVNIT, Surat.
			Shri Madan Mohan Additional Director General (HE) Ministry of Education, Shastri Bhawan, New Delhi-110 001
02	Two person nominated by the Central Government		Mrs. Darshana Dabral Joint Secretary & Financial Advisor Integrated Finance Division Ministry of Education, Shastri Bhawan New Delhi-110 001
00	Two person nominated by the Board amongst its members		Dr. R.A. Christian Professor, CED, SVNIT, Surat
03		•	Dr. P.V. Bhale Asso. Prof., MED, SVNIT, Surat.
04	The Director, Ex-officio		Prof. S.R. Gandhi Director, SVNIT, Surat.
05	The Registrar, Ex-officio – Member Secretary	:	Dr. Pramod Mathur Registrar, SVNIT, Surat.

5.5 BUILDING & WORKS COMMITTEE:

01	The Director, Ex-officio Chairman	:	Prof. S.R. Gandhi Director, SVNIT, Surat
02	Director or Deputy Secretary or his nominee dealing with the NIT in the Ministry and Director or Deputy Secretary or his nominee dealing with finance of NIT in the Ministry as Ex-officio Member of the Central Government.	•	Ex-officio
03	One member nominated by the Board of Governors		Shri A.K. Jain
04	Registrar, Ex-officio, Member Secretary		Dr. Pramod Mathur Registrar, SVNIT, Surat
05	Dean, Planning and Development or similar position	:	Dr. G.J. Joshi Dean (P&D)
06	One expert each from Civil and Electrical Engineering wing of Central or State Government or any autonomous body of repute.	:	Expert from Civil – Vacant Expert from Electrical Wing - Vacant

6.0 FINANCIAL STATUS

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

Sauras of Family	(Recurr	ng) & (Non-Recurring	3)
Source of Fund	2017-18	2018-19	2019-20
OH- 31	1300	2500	8187
OH-35	3974		160
OH-36	1650	2500	6400
Total	6924	5000	14747

6.2 Details of other receipts (Rs. In Lakhs)

Particulars	2017-18	2018-19	2019-20
Academic Receipt	3299.73	3069.80	3419.46
Other than Academic Receipt i.e. Rent from Staff Qtrs, Bank / Hostel / Post Office/ Canteen, Interest on FDR, etc.	790.09	651.16	649.44
Total	4089.82	3720.96	4068.90

6.3 Expenditure position (Rs. in Lacs)

Particulars	2017-18	2018-19	2019-20			Total	
	2017-10		OH-31	OH-35	OH-36	2019-20	
Recurring (OH-31 & 36) Expenditure	9698.77	11187.77	6815.19		5480.31	12295.50	
Non Recurring (OH-35) Expenditure	828.40	821.67		923.91		923.91	
Total	10527.17	12009.44	6815.19	923.91	5480.31	13219.41	

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

Particulars	2017-18		20	18-19	2019-20	
	Receipt	Expenditure	Receipt	Expenditure	Receipt	Expenditure
Receipt under DST Project/BRNS Project	144.16	123.36	286.61	370.69	106.34	172.42
Receipt under CSIR & Other projects	803.22	472.88	119.51	194.77	300.97	414.68
Total	947.38	596.24	406.12	565.46	407.31	587.10

7.0 RESEARCH & CONSULTANCY

7.1 Research Projects Details:

Total 63 projects to the tune of Rs.50,23,46,918/- is under progress. Details of these live projects executed by various faculties in different departments are mentioned below.

	APPL	IED CHEMIST	RY DEPART	MENT		
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project – Polymer- grapheme-antimicrobial protein hybrid composite microspheres as potent biocidalagents with attract and kill protein-metal synergy.	Dr. Rajendra Kumar	1,200,000	2 Years	04.09.2014	Ongoing
2	SERB Project-Development of novel supramolecular sensing systems using fluorescent quantum dots.	Dr. S. K. Sahoo	3,940,000	3 years	13.05.2014	Completed (2019-20)
3	DST Project -" Use of inorganic and hybrid sorbents / exchangers for removal of toxic metals from industrial waste water"	Dr. K C. Maheria (PI) Dr. Lalita Choudhary (Co.PI)	3,140,000	3 years	30.03.2015	Ongoing
4	BRNS Project - Development of surface Functionalized Metal- doped Nanoparticles as Fluorescent Probes for sensing trace level of heavy metals in environmental metrics"	Dr. K. Suresh Kumar	3,131,400	3 Years	11.06.15	Completed (2019-20)
5	SERB Project - Functional Variants of Mussel Inspired Biomaterial Surface; effect to Surface Functional Groups on antibiofilm Properties\	Dr.Rajendra Kumar	2,891,000	3 years	08.03.16	Ongoing
6	UGC-DAE Project - Aggregation of amphiphilic copolymers in deep eutectic solvent - water mixed system (CRS-M-234)	Dr. Ketan Kuperkar	644,705	3 years	16.01.2017	Ongoing
7	Design of Green Synthetic Approaches for Automatically Precise Nano cluster their specific Interactions : Development of Miniaturized Analytical Method	Dr. Suresh Kumar Kailasa Z.V.P. Murty (Co-PI)	3,504,655	3 Years	20.07.17	Ongoing
8	Micro structural aggregates in the task - specific Biodegradable Surface active "Greener" Ionics Liquids (CRS- M276)	Dr. Naved Malek	405,000	1 Year Ext up to 3 Years	18.12.17	Ongoing
9	Polydopamine based Nanopartics with Antimicrobial and antiaesenic properties for water disinfection and remediation	Dr.Rajendra Kumar	4,430,000	36 Months	29,11.17	Ongoing

	APPLIED MATHEMATICS & HUMANITIES DEPARTMENT						
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status	
1	SERB Project Extended Wright Type Hyper geometric Functions	Dr. R. K. Jana	1,515,360	3 Years	22.07.16	Completed (2019-20)	
2	computational study on multi- dimensional Stefan problems in biological tissues based on non-Fourier heat transfer model using mesh-free method	Dr.Sushil Kumar	1,620,518	36 Months	05.06.18	Ongoing	
3	Simulation and Land data assimilation to community land model for improving rice crop dynamics	Dr. R. K .Jana	2,220,000	3 Years	11.03.2020	Ongoing	

	AP	PLIED PHYSIC	S DEPART	MENT		
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project – Novel nonmaterial structure, growth, electronics, magnetic and optical properties.	Dr. Debesh Ranjan Roy	600,000	3 years	20.09.13	Ongoing
2	BRNS Project –Ground – State properties of low dimensional quantum systems.	Dr. L. K.Saini	1,449,250	3 years Extended up to 31.12.16	27.09.13	Ongoing
3	SERB Project – Strongly – correlated electronics materials, Topological quntumnano – materials.	Dr. L. K. Saini	1,404,000	3 years	24.02.14	Ongoing
4	SERB Project - Performance of latest IRI Model	Dr. Shital Karia	2,980,000	3 Years	18.11.15	Completed (2019-20)
5	SERB Project - Novel perovskite-based solar cells : Investigation of potential properties using ab-initio approaches	Dr. Y. A. Sonavne	3,009,000	3 years	02.03.2017	Ongoing
6	Development of Novel Cluster Assembled Material from Potential Cluster Motifs : A new Insight under density Functional Investigation	Dr. Debesh Ranjan Roy	2,769,594	3 Years	03.07.17	Ongoing
7	conducting polymer nanocomposite (CPC) for selective and sensitive sensor detection of explosive array	Dr. Swati Saxena	1,920,000	24 Months	25.09.18	Ongoing
8	FIST - 2017	Dr. Vipul Kheraj	11,800,000	5 years	18.06.19	Ongoing
9	"TEC Data ingestion to ionospheric models from Indian EIA region to improve models predictions"	Dr. Sheetal P. Karia	2,550,000	3 Years	05.07.19	Ongoing
10	Study of breakup reactions involving weakly bound projectile nuclei at Coulomb barrier energies	Dr. Dipika B. Patel	2,131,200	2 Years	19.02.2020	Ongoing

	CIVI	L ENGINEERIN	IG DEPART	MENT		
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	DST Project on Development of Guideline for Preventing Elderly Users Injuries at Intersection	Dr. Rakesh Kumar	3,862,305	3 year	22.11.11	Ongoing
2	DST Project on Utilization of Copper Slag and Fly ash for Road Construction and building materials	Dr. Rakesh Kumar	1,693,620	3 years	04.01.13	Ongoing
3	Strengthens the research facilities in the area of :Flow Structures and Turbines	Dr. V. L. Manekar	17,500,000	5 Years	21.11.14	Ongoing
4	Traffic abd Pedestrian Movement Analysis at undersigned pedestrian crossings on Urban Midblock Sections	Dr. Ashish Dhamania	2,391,000	3 Years	01.01.16	Ongoing
5	Performance and design evaluation of test tracks of flexible pavement with waste materials in sub base and base Layers.	Dr. Satyajit Patel (PI) Dr. C H. Solanki (Co-PI)	16,115,200	3 Years	31.03.16	Ongoing
6	Unnat Bharat Abhiyan Cell	Dr. K. D. Yadav	175,000	1 years	23.2.17	Ongoing
7	Preparation of Stale of Art Report (SOAR) on Preparation of Constriction Safety Manual	Dr. Dilip Patel	836,900	6 Months	21.07.17	Ongoing
8	IT Indian Heritage Platform Enhancing Cultural Resilience in India by Applying Digital Technologies to the Indian Tangible and Intangible Heritage	Dr. D. A. Patel	1,000,000	24 Months	15.02.18	Ongoing
9	Impact of Climate change on water Resources of Sabarmati Basin	Dr.Vimal Mishra Dr.P. L. Patel	8,491,560	3 Years	19.03.18	Ongoing
10	Impact of Climate change on Water Resources of Tapi Basin	Dr.P. L.Patel Dr.P. V. Timbadiya Dr.Rohit Goyal Dr.Vishnu prasad	13,584,560	3 Years	13.03.18 (07.11.2016 Sanction Date)	Ongoing
11	Securing Water for Agricultural and Food Sustainability: Devloping Transdisciplinary Approach to Groundwater Management	Dr. J. N. Patel	5,851,495	24 Months	30.04.19	Ongoing
12	Development of Framework to Measure Sustainability Index Of Transportation Systems In Indian Metropolitan Cities	Dr. S. Arkatkar Dr. G. J. Joshi	8,232,000	36 Months	22.02.19	Ongoing

-	CHEM	ICAL ENGINEE	RING DEPA	RTMENT		
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project - " A Study on ultrasound assisted crystallization of clopidogrel hydrogen sulfate"	Dr. S. R.Patel	1,576,000	2 Years	08.07.15	Ongoing
2	Study of Microbial Consortia in Microbial fuel cell	Dr. A. K.Mungray	1,705,000	3 Years	28.07.15	Ongoing
3	GUJCOST Project Studies on interfacial characteristics of Liquid system	Dr. V. N. Lad	510,000	3 years	28.03.16	Ongoing
4	SERB Project - Integration of Septic Tank and Microbial fuel cell : Novel Hybrid system for sustainable treatment of domestic waste water	Dr. Arvind Kumar Mungray	3,118,000	3 Years	14.03.2017	Ongoing
5	Synthesis and Characterization of semiconductor / oxide materials for cost effective pervoskite solar cells modules	Dr. Jignasa V. Gohel	1,632,000	3 Years	28.06.2017	Ongoing
6	Environmentally Safe Disposal of Refinery Sludges via Catalytic Conversion to Value added Hydrocarbons	Dr. P. A. Parikh	671,000	1 year	23.10.17	Completed (2019-20)
7	The near future air cathode Osmotic microbial fuel cell (OMFC) for wastewater treatment, electricity generation and pure water extraction	Dr.Alka A. Mungray	2,846,000	3 years	20.03.18	Ongoing
8	Mango Waste Valorization Through Biorefining Concept: A Sustainable and Greener Approach	Dr. Meghal A. Desai Dr. Girirajsinh C. Jadeja	50,60,880	36 Months	10.10.18	Ongoing
9	Ultrasonic Micro reactor for Production of Nano-Micro Particles of Poorly water Soluble Active Pharmaceutical Ingredients (API)	Dr. Sanjaykumar Rameshbhai Patel	5,141,750	36 Months	01.06.19	Ongoing
10	Development of composite thin films with simultaneous different and magnetic properties	Dr. V. N. Lad	2,530,884	2 Years	25.02.2020	Ongoing
11	Synthesis of Artificial Sweeteners and High Value Chemicals from Biorenewable Resources using Noble Metal Aero gel Catalysts	Prof. Jigisha Prarikh	2,145,264	3 Years	28.5.2020	Ongoing

COMPUTER ENGINEERING DEPARTMENT							
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status	
1	ISEA Project - " Phase - II released Grant in Ald"	Dr. D. R. Patel	18,570,000	5 years	12.02.16	Ongoing	
2	Collaborative Data Processing and Resource Optimization for Post Disaster Management and Surveillance using Internet of Things	Dr. Mukesh A. Zaveri	6,500,000	3 Years	18.07.16	Completed (2019-20)	

	ELECTRICAL ENGINEERING DEPARTMENT							
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status		
1	Development of Adaptive Control Algorithm for Shunt Compensator	Dr. Sabha Raj Arya	194,000	2 Years	20.06.16	Ongoing		
2	SERB Project - Development of Control Algorithms for shunt and series connected Custom Power Devices.	Dr. Sabha Raj Arya	4,410,560	3 years	17.08.16	Ongoing		

	APPLIED MECHANICS DEPARTMENT							
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status		
1	Experimental Studies on High Performance Concrete Using Industrial Wastes	Dr. C. D. Modhera	300,000	2 Years	20.06.16	Completed (2019-20)		
2	Some Studies on Performance of Previous Concrete for improving soft Ground	Pof. J. B. Patel	692,000	2 Years	20.06.16	Ongoing		
3	DST - NIMAT (MOU - EDI) - To create techno-entrepreneurs and resource persons through Entrepreneur Development Programmed Strategy	Dr. C. D. Modhera	200,000	3 years	22.08.16	Ongoing		

ELECTRONICS ENGINEERING DEPARTMENT								
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status		
1	SMDP Project - " SMDP C2SD Project"(Special Manpower Development Programmed Chips to System Design	Dr. A. D. Darji(PI) Prof. Pinal J. Engineer (Co-PI)	9,972,000	5 years	04.02.15	Ongoing		
2	BRNS Project - FPGA based adaptive filter Algorithm Implementation for external noise cancellation	Dr. Anand Darji Dr. Jignesh N. Sarvalya	2,487,750	2 years	27.10.15	Ongoing		
3	Study Design and Simulation Ino delay effects based on Inospheric Models & their correction Technique using Software Defined Radio	Dr. Ms. Shweta Shah	1,890,000	3 years	23.01.2017	Ongoing		
4	SIRMI Strengthening IRNSS receiver by mitigation of Interface	Dr. Upena Dalal (PI) Dr. Shweta N.Shah (Co-pI)	3,121,000	2 Years	13.09.17	Ongoing		
5	"Young Faculty Research Fellowship	Dr Piyush N. PateL	1,480,000	2 Year Ext up to 5 Years	15.01.18	Ongoing		
6	Study & implementation of generative Aelversariaol network (GANS) for image super-resolution :Application to image capture using CCTV Camera	Dr. Kishor P. Upla	2,303,180	36 Months	21.08.18	Ongoing		
7	Fractal met material and its application to wearable antennas	Dr. Kirti Inamdar Dr. Upena D. Dalal	3,014,420	36 Months	10.10.18	Ongoing		
8	Design and Development of Co-Planar Waveguide based Wearable Bio-Sensor for Medical Application	Dr. P.N. Patel Dr. J.N. Sarvaiya	1,769,000	2 Years	8.7.20	Ongoing		

	MECHA	NICAL ENGINE	ERING DEP	ARTMEN	T	
Sr. No.	Name of Project	Name of Co-ordinators	Grant Sanctioned	Duration	Date of Allotment	Status
1	SERB Project – Experimental analysis of slug regime in Gasliquid two-phase flow through pipes.	Dr J Banerjee	25,18,400	3 years	23.05.14	Ongoing
2	ARDB Project - Stochastic Progressive failure response of piezoelectric laminated composit shell panelswithcutouts	Dr Achchelal	8,16,000	2 years	05.11.15	Completed (2019-20)
3	Combustor Technology Development for small Gas Turbine / Turbo fan Engine	Dr S A Channiwal	1,74,32,000	2 Years	02.05.17	Ongoing
4	Study of Slurry Erosion behaviour of Highly Entrophy Alloy Coating	Dr.Jyoti V. Meghani	27,72,000	2 years	22.08.17	Ongoing
5	Investigations on a Novel Stacked Minichennel Heat Sink using Efficient Coolants	Dr H B Mehta	24,47,500	3 Years	05.10.17	Ongoing
6	Design, Development and Demonstration of an Aerodynamically Advanced Un- manned Air Vehicle for Stealth and Heavy Payload Application	Dr S A Channiwala (Pi) Dr.Beena D. Baloni (Co-Pi) Dr. A A Shalkh (Co-Pi) Dr.M A. Zaveri (Co-Pi) Mr.Janak J Patel (Co-Pi)	5,93,95,500	18 Months	22.01.18	Ongoing
7	Performance optimization of air conditioning system for automative sector using new LOW GWP R1234yf refrigerant	Dr. Ashok D Parekh	21,45,000	36 Months	22.01.19	Ongoing
8	CSIR BHATNAGAR FELLOWSHIP 2018 "Dvelopment Of Hybrid Plasma Gasification Technology for MSW Management	Dr. S A Channiwala	78,00,000	36 Months	01.01.19	Ongoing
9	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
10	Robot Making Competition "ROBOFEST-GUJARAT"	Dr.Harshit K Dave	1,50,000	1 year	25.11.19	Ongoing
11	Linear Stability Analysis of Interface Dynamics in Two Phase Jets	Dr.Jyotirmay Banerjee	6,60,000	3 Years	04.03.2020	Ongoing

7.2 Consultancy Testing Details

Testing and consultancy service are offered by faculties to local civic body, industry and other state and central organization. In year 2019-2020 consultancy service of Rs.12.28 crore is carried out by different department of Institute. Testing of Rs.55,22,459.00/- is done by utilizing institute infrastructure. Details of testing and consultancy are mentioned below.

APPLIED MECHANICS DEPARTMENT Total Name of PC & Name of the firm Sr. Title of the Consultancy Project soliciting consultancy affiliating Year Assignment Amount Nο. from SVNIT Departments (Rs.) Apartment Vidvavihar owner 's Association "Annal " opp: Devbhumi Condition Assessment of "Anal ' Apartment of building of vidyavihar Dr C D Modhera 2019-20 1 complex , Nr. Commerce six road , Navrangpura, owner's association , 1,80,000 apartment Ahmadabad Ahmadabad -380009 Proof checking consultancy service for the work of proposed multi level parking in Ahmadabad municipal corporation City engineer, Ahmadabad (1) proposed new multi level parking municipal corporation Dr A K Desai 2019-20 2 32,32,800 sindhubhuvan in Ahmadabad Mahanagar Seva sadan , Ahmadabad municipal corporation (2) proposed new multi level parking area prahladnagar in Ahmadabad municipal corporation Providing consultancy services for the checking of civil RCC drawing of Manager (civil) NTPC Dr C D Modhera 2019-20 3 main collection pit, sump tank and kawas gas project 60.000 MCC building at NTPC kawas RLA / condition assessment and hazira ammonia extension certification of various building & plant, krishak bharti co-4 Dr C D Modhera 2019-20 structure at HAEP plant at kribhco, oprative limited , po-kribhco 5,85,000 nagar , Surat -394515 Surat Proof checking of structure design and drawing for the construction of I/C register , VNSGU , Dr G R Vesmawala 2019-20 5 overhead tank and underground tank 1,00,000 Surat in VNGSGU campus, Surat Pipe Proof checking of shuttering of slabs Spun Bharat Construction Co. of bridge at crossing no. 268 SPL on 43. DR Y D PATIL 2019-20 6 Industrial Area. Jhotwara, 25,000 Sanchi - banaskatha road of raisen District (MP) Jaipur Secretary, Agrawal vikas Condition assessment of maharaja trust, maharaja agresan 7 agresan bhavan - A & B block front Prof A J Shah 2019-20 bhavan, city light road, 1,50,000 building back side building Surat -395007 Consultancy service for planning & design work for extension of bus Executive Engineer, traffic cell , 2nd floor , ambedkar Dr A K Desai 2019-20 8 28,00,000 shopping centre, ring road rapid transit system BRTS corridor from kumbharia saroili to kadodara , Surat Unique Infracon Construction of high level bridge narmada Valley across uribaghani River or Nisarpur-Development Authority, Man Dr.A K Desai 2019-20 3.00.000 9 Jobat Division, Molkhad -konda Dogwan Phatha khukshi Dr.S A Vasanwala (Consultant: Shah Road . Associates. Ahmadabad) Consultancy Services to ascertain the stability of various buildings at Gandhar, CTF, Ankleshwar, MPH and at olpad GCS of Ankleshwar Asset (administrative Building & training Cell, Central Control Room, electrical store/Office (EIL Building), substation 1,2, 3 &MCC-022,CCPP Control Room & Chief Engineer 10 Switchyard, Water Injection control Prof A J Shah 13,45,000 2019-20 (Civil).ONGC. Ankleshwar room,ETP-2 control room, WWTP pump House, CISF Office Building, LPG Main Office. Canteen. Mechanical LPG Office and store room,LPG Electrical panel room & control room, sore 1 and 2, GPL Electrical office, Fire station, LPG, Pump House, Main Office Building, ETP Administrative Office, ETP ETP Administrative Office,

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	Generator Room, Panel Room and Panel Room Office, Office Building GCS Olpad,MPH Building, D D Plant.				
11	Providing Consultancy services regarding supervision, inspection and analysis of initial load test for (1) Construction of railway over bridge km 258/20-258/22 at Siddhartha Nagar Canal on Surat-Mumbai Main railway line joining surat-Navsari Main road and karadva area EPC Basis (Design, engineering Procurement and construction) (1200mm, 1000mm, 750mm) (2) construction of bridge on River Tapi joining Ved-Variyav area in Surat on EPC Basic (Design,Engineering, procurement and construction). (1500mm, 200mm,1000mm,750mm) (3) Construction of New Railway over Bridge joining Olpad-saroli in place of Old bridge, near old Octroi naka, Saroli, Surat EPC Basis (Design,Engineering, Procurement and construction) (1200mm, 1000mm,750mm)	Ex. Engineer, Bridge Cell, SMC Surat	Dr. A K Desai	80,000	2019-20
12	condition assessment of bridge on Unai-Buhari Valod-Madhi-mandvi Road ch.107/2 on chiipan khadi,Ta- Valod,Dist-Tapi	Dy.executive Engineer, (R & B) sub division , Vyara	Dr A M Parghi	75,000	2019-20
13	Proof checking consultancy services for the work of construction for major Bridge across River tapi near village valak on outer ring road section at Surat on EPC basis.	General Manager, Urban Ring Development corporation Limited, Surat	Dr G R Vesmawala	42,31,716	2019-20
14	School Building condition assessment for CBSE affiliation regarding.	V Care international school, Sayan Road,Mulad, Kim- 394110	Dr C D Modhera	1,30,000	2019-20
15	Condition Assessment of Bridge on Surat-dhilya road, ch.50/78 to 55/38 on Mindhola river, Ta-valod, Dist- Tapi.	Dy. Executive Engineer, Construction (R & B) Sub division,Vyara	Dr A M Parghi	75,000	2019-20
16	Proof Checking of structure design and drawing for the construction of rander irrigation sub division office building at Rander Irrigation colony,Rander.	Executive engineer, Kakrapar Right Bank Canal division, city mamlatdar Office, second floor,Athwalines, Surat.	Dr G R Vesmawala	30,000	2019-20
17	proof checking of design and drawing of various ROB Bridges in Rajasthan (1) consultancy services for construction of 2 Lane Rob at km 172/990 on NH 65 on Jodhpur Ajmer Road at LC C 64 nagaur District in Rajasthan (only one nos. sub structure and foundation of railway standard span) (2) Consultancy services for construction of 2 Lane ROB on Talera - K patan Road MDR-204 at LC C 116 K patan Bundi District Rajasthan (Super structure, sub structure & foundation for RCC Span 22.5m, PSC 35.0 & RCC solid slab 12.28m) (3) Consultancy services for construction of 2 Lane ROB at km 1/0 on H-709E on Rajgarh pilani road LC A 142 near Sadulpur Railway Station is	Thoughts Consultants Jaipur Pvt.Ltd.	Dr Y D PATIL	2,75,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	Rajasthan (only one nos sub structure and foundation of railway standard span.)				
18	Condition Assessment of Maharaja Agrasen Bhavan Block A & B	President agarwal vikas Trust, Maharaja Agrasen Bhavan,City Light Road, Surat	Prof A J Shah	1,50,000	2019-20
19	Proof Checking of design and Drawing Project: proposed ROB at CH.41+762 on at LC No.10X in between NRD-Dbo at km 396/5-6 between stations NRD-Dbo on AUDA ring road. Span arrangement: RDSO standard 2 Nos. steel composite girder type super structures of 37.200 meter and 25.000 meter. Structural component: portal pier, portal Pier cap, Pile cap,RDSO standards steel composite girders of 37.2 m as per 11757 series & 11758 series	Infinite Civil solutions Pvt.ltd.infinite House, FP- 25, Near Aditya Elegance & Railway track, CIMS Hospital Road, Sola, and Ahmedabad.	Dr A K Desai	1,00,000	2019-20
20	Condition Assessment report for Urban Health Centre (RS 187) in the area of South Zone (Udhna)	Executive Engineer, South Zone (udhna), SMC Surat.	Dr A K Desai Dr Y D Patil	1,27,000	2019-20
21	Structural condition assessment of residential building i.e.3/B Type, 3/A Type,4/Type & singular Types quarters of Navsari Irrigation colony	Executive Engineer, Ambica Division, Narmada Water Resources, Water Supply and Kalpsar Department, Navsari	Dr C D Modhera	75,000	2019-20
22	Expert opinion on various project at PT Indo bharat Rayon (Indonesia)	PT Indo Bharat Rayon (Aditya Birla), Menera Batavia, 16th Floor, JL K H Mas Mansyur, Kav.1426, Jakarta-1020220, Indonesia.	Dr A K Desai	1,50,000	2019-20
23	Proof checking of structure design And drawing for the construction of GSRTC Bus Stand at Matano Madh, Sanand and Sagbara	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd., Construction Branch, Administrative Building, Naroda(Krushna Nagar,), Ahmedabad-382346	Dr. A K Desai	2,02,722	2019-20
24	Proof Checking of structure design and drawing for the construction of GSRTC Bus Stand at Chuda, Siddhpur, Ambaji. Sankheda & Mahuva	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd., Construction Branch, Administrative Building, Naroda(Krushna Nagar,), Ahmedabad-382346	Dr. A K Desai	4,84,532	2019-20
25	Structural Condition Assessment Report for Indraprasth "B" Tower, Near Ashok Pan House, City Light Road, Surat	Asian Corporation, Indraprasth Complex, "B" Tower, Near Ashok Pan House, City Light Road, Surat	Dr. G R Vesmawala	80,000	2019-20
26	Proof Checking of RDSO Composite for 24.4m Span for 5 Degree Curve	Gravitas Infrastructure, C-18 Ring Road, Kalyanpur, Lucknow (U.P)- 226022	Dr. A K Desai	33,000	2019-20
27	Site Inspection, Field Observations, Technical Scrutiny of Design Drawing and Suggesting Way Forward Related to Thrust Bed For Box Pushing of Underpass at TSK (Site visit if Required)	R V Ganga Raj, Chief Commercial Services (E&P) Tata Steel Limited, Engineering and Projects, Box No:G-32, Jamshedpur- 831001, India	Dr. Satyajit Patel	1,30,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
28	(1) Third Party Inspection for Providing & Laying Drainage Line (2) Third Party Inspection for Providing & Laying Storm Water Line	I/C Registrar, Veer Narmad South Gujarat University, Surat	Dr. G R Vesmawala	61,227	2019-20
29	Proof Checking of Design and Drawing for Execution - Protection measures of exposed 22 MGD Water Pipeline at Tham Village near Bharuch	Rhoda Cognax Pvt Ltd, S-107, Fantasia Business Park, Plot No. 47, Sec 30A, Vashi Thane, Maharashtra	Dr. A K Desai	25,000	2019-20
30	To Study of Healthiness of existing Foundation and load carrying capacity at ONGC Hazira Surat Air Intlet Filter House	BHEL-GE Gas Turbine Service Pvt Ltd A1, A2 & A3, Quadrant 1, 7th Floor, Cyber Towers, Madhapu, Hyderabad	Dr. A K Desai	2,50,000	2019-20
31	To carryout Fwd tests at Daheli	Indian Institute of Technology- Madras, Chennai	Dr. Satyajit Patel	54,000	2019-20
32	Consultancy Regarding Finding out root cause of seepage through ash dyke at 2 * 660 MW shree Singaji Thermal Power Project (Stage -2) at Malwa -2, MP	Larsen & Toubro Ltd, Vadodara	Dr. Satyajit Patel	1,30,000	2019-20
33	Expert Advice in support of waiving off the second initial static pile load test for container jetty at the Vizhinjam Port Project	Howe Engg Project (i) Pvt Ltd Vizhinjam Port, Vizhinjam, Thuruvanathapuram, Vinzhinjam, Kerala	Dr. Satyajit Patel	1,00,000	2019-20
34	To carry out F.W.D Test on Kalol- Mansa- Vijapur Road km 02/00 to 26/00, Dist- Gandhinagar	Bhatol Construction Co. Plot No.1055, Sector-2/D, Gandhinagar	Dr. C H Solanki	75,000	2019-20
35	Proof Checking of structural design and drawing including suggestion/ remedial measures if any, for construction of 18 Lacs Liters capacity 24 m staging height elevated service reservoir (ESR) at FP - 75, TP-3(Karanj) In Surat	Hydrulic Engineer, Hydraulic Department, SMC, Surat	Dr. G R Vesmawala	80,471	2019-20
36	Proof checking of structural design and drawing including suggestion/ remedial measures if any, for construction of RCC underground service reservoir of 170 Lakh litre capacity with Booster House at Kosad WTP, Surat	Hydraulic Engineer, Hydraulic Department, SMC, Surat	Dr. S A Vasanwala	2,27,132	2019-20
37	Proof Checking of Design and Drawing for the Construction of "Provision of Additional Water way at Km 1 Nos. new RCC Box Bridges in NJP-KNE & RQJ-HDB section under jurisdiction of DEN/LineKIR(Haldhari Bridges ch 21/2-3, 25/3-4, 22/5-6, 17/1-2, 77/4-5, 83/9-84/0, 85/01 NPJ-KINE	M K Gupta & Co., Metro Heights, 2nd Floors, 2.5 Mile, Sevoke Road, Siliguri- 734001 (WB)	Dr. A K Desai	1,60,000	2019-20
38	Proof Checking of / Vetting of Structural design & drawing proposed planning & Construction for Kanya Shala C T S No. 127A At Panvel	B J Mehta Architectural & Structural Consultant, Mumbal	Dr. A K Desai	60,000	2019-20
39	Proof Checking of Design and drawing of Bridge No.21 (Down Line) for Rewari- Manheru Section, Bikaner Division, NWR i.c.w doubling and electrification of Rewari- Hissar Route of Bikaner Division of North Western railway in State of Haryana	Sy. Dy. General Manager/Project, Rail Vikas Nigam Limited, 1st Floor, August Kranti Bhawan, Bhikaji Cama Place, R K Puram, New Delhi	Dr. G R Vesmawala	1,00,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
40	Proof Checking of RCC Design and Drawing for pile foundation, pile cap, pier cap, girders and slab for Anans Bridge site work (construction of High Level Major Bridge across River Anas Near Bhiravji Mandir on Mahali Bhattar- bheravji-Peechhawara- Naharpura Road (MDR-125) District - Banswara (job No. CRF-755-RAJ-5010)	Gannon Dunkerley & Co. LTD, Mumbai	Dr. G R Vesmawala	80,000	2019-20
41	Proof Checking of GSRTc Bus Stop strucutral design and drawing at Ankleshwar, Talod & Gandhidham (Design by Buildsafe Consultant)	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd., Construction Division, Central Office, Ranip, Ahmedabad-382346	Dr. A K Desai	2,98,055	2019-20
42	Proof Checking of warehouse steel super structure as well as RCC substructure	Konark Pravinkumar Patel, Plot No. 925/2, sector No.7/C, Gandhinagar, Gujarat-382007	Dr. A K Desai	70,000	2019-20
43	Proof Checking of structural design for the construction of Shaheed Smarak/Shurya Smarak and Peace Center at Draft TPS No. 29 (Vesu- Rundh-Magdalla), FP No. 70, 113, 118,126, 136, 139 and 143 (phase- 2), in South West (athwa) Zone, SMC	Executive Engineer, Heritage Cell, Surat Municipal Corporation, Surat	Dr. A K Desai	2,55,261	2019-20
44	Carring out structural assessment of various building at Ahmadabad (Residential Quarters Naranpura, Shastrinagar, Adarshnagar (Income tax and Central Excise)	Executive Engineer, Ahmedabad Central Division, CPWD, Ahmedabad	Dr. G R Vesmawala	3,96,000	2019-20
45	Professional Advice and Guidance on the structural modelling, analysis, design, drawing and following works under Chief Engineer Navy Mumbai Zone (Provision of Deficient in Living officers accommodation including Admin and Associated Mess Facilities by demolition of existing building area WNC (O) Mess at Colaba, Mumbai	Geo Design and Research (P) ltd, Vadodara	DR. G R Vesmawala	3,10,000	2019-20
46	Soil Bearing capacity for ULBC main canal between ch. 3700 to ch 4900	Dy. Executive Engineer, Irrigation Sub Division, Vyara	Dr. S Kumar	8,00,000	2019-20
47	Soil Testing capacity across Purna, Ambika and Walmiki River of District Tapi and Surat for check dam work	Dy. Executive Engineer, Ver Project Sub Division No.3, Vyara	Dr. S Kumar	10,00,000	2019-20
48	FWD Test for (1) Strengthening and Resurfacing of Dhrol Latipar Savdi Tankara Road SH No. 22km 1/0 to 19/2 in Jamnagar District (CRF Work) (2) Jamnagar Lalpur Porbandar Road km 16/5 to 40/0 (3) Khambhalia Adwana Porbandar Road km 33/2 to 71/0	Executive Engineer, Jamnagar (R&B) Division, Jamnagar	Dr. Satyajit Patel	1,50,000	2019-20
49	Request for opinion on Exposed RCC Surfface for LIG house, Pachage-2 for VMC	Cube Construction Engineering Ltd, Vadodara	Dr. A K Desai	25,000	2019-20
50	Proof check Design & drawing of foot over bridge at Charkhi Dardi Railway Station in Connection with Doubling of Rewari- Manheru (69.02 kms) section on Rewari- Hisar Route of Bikaner Division of North Western	Sr. Dy. General Manager/ Project, Rail Vikas Nigam Limited, New Delhi	Dr. G R Vesmawala	1,00,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
-	Railway in state of Haryana			 	
51	FWD Test on Widening and strengthening of Mandavi- Sherulla Road, km 14/02 to 28/500	Dy. Ex. Engineer, Vyara (R & B) Sub Division, Vyara	Dr. Satyajit Patel	50,000	2019-20
52	Structural assessment of Primary Health Center Building, Ichchhapore, Surat	Superintending Engineer, Project Implementation Unit Zone-7, Beside D-1 Quarters, Opp: Gulmahor Block, New Civil Hospital Campus, Majura Gate, Surat	Dr. A K Desai	40,000	2019-20
53	FWD Test at Widening and strengthening four lane of Bilimora Chikhli Vansda Waghai Road km 44/400 to 59/600	Dy. Ex. Engineer, Road and Building Department (State), Chikhli	Dr. C H Solanki Dr. Satyajit Patel	1,00,000	2019-20
54	FWD Test (1) Four lanning of Navsari Gandevi Bilimora road km 36/0 to 54/6, Dist- Navsari (2) Four Lanning of Gandevi Desad Alipore Road km 0/0 to 7/2, Dist- Navsari	Dy. Ex. Engineer, Navsari (R &B) Sub Divison, Navsari	Dr. Satyajit Patel	70,000	2019-20
55	Regarding Require Foundation Design Vetting of 30.5 m Flag mast	Yagnesh Acharya- Manager, Transrail Lighting Limited	Dr. A K Desai	30,000	2019-20
56	Structural Design of Building for Surat Airport	Siddhi Construction, 44, River Palace, Nawadi Ovara, Nanpura, Surat	Dr. A K Desai	10,00,000	2019-20
57	Regarding Condition Assessment of Building	K K INC, Plot No- 5516, Road No:55, Sachin GIDC Sachin, Surat	Dr. A K Desai	1,25,000	2019-20
58	Regarding Condition Assessment of Roads (Party Concrete and Part Flexible) and building at Zanda Chowk High School Campus, DNH, Silvassa	Administration of Dadra and Nagar Haveli, U.T., P.W.D. Civil Division No 1 (Bldg), Silvassa	Dr. A K Desai	3,00,000	2019-20
59	Regarding Suggestion For Repairing of RCC Road Of APMC, Surat	Agricultural Produce Market Committee, Surat At & po. Dumbhal Sardar Market, Puna Kumbharia Road, Surat-395010	Dr. A K Desaí	85,000	2019-20
60	To Supervision, Inspection and Analysis of Initial Load Test For Flyover Bridge Near Kamrej Road Junction For Package - 1 E Construction of ROB, Flyover, Underpass for 6 Lane 3+3+ Outer Ring Road For Section CH. 22+170 to 22+70 & 15+900 to 17+250 (1.93 km) in URDCL, Surat	URDC Limited, Surat	Dr. G R Vesmawala	80,000	2019-20
61	Regarding Structural Proof Checking of Bridge at KM. 71+490 (Six lanning of Chandikhole- Bhadrak Section of NH-5 New NH-16 From km 62.00 to km 136.50 in the state of Odisha to be executed as Hydrid Annuity Project on DBFOT Pattern under NHDP Phase- V	Dilip Buildcon Limited E- 5/99, Area Colony, Bhopal, Ph: 0755-2461064	Dr. A K Desai	4,00,000	2019-20
62	Regarding Structural Proof Checking of Railway Over Bridge at km 258- 20-258/22 at Siddharth Nagar Canal on Surat-Mumbai Main Railway Line Joining Surat-Navasari Main Road and Karadva area	Ajay Protech Pvt Ltd	Dr. A K Desai	3,50,000	2019-20
63	Proof Check for Design and Drawing of Foot Over Bridge at Charkhi Dadri Railway Station in Connection With	Rail Vikas Nigam Limited, 1st Floor, August Kranti Bhawan, Bhikaji Cama	Dr. G R Vesamawala	1,00,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	Doubling of Rewari-Manheru (69.02 kms) Section on Rewari-Hisar Route of Bikaner Division of North Western Railway in State of Haryana	Place, R K Puram, New Delhi- 110066			
64	Rehabilitation and Up gradation of Thimmapuram- Gurajanapalli Section From km 26+150 to km 41+161 of NH-214 (New-216) to Two Lane With Paved Shoulder in the State of Andhra Pradesh under NHDP_IV on EPC Basic	MCL-KSIPL (JV) Gurujanapalli, Kunal House, Ganga Park, Plot no 10, Opp. Sanskruti Apartment , Panchvati Road, Rajkot-360001	Dr. A K Desai	3,50,000	2019-20
65	To Check and Approve and Calculation and Drawings for CISF Barrack and Dining Room	Santosh G. Gandevikar	Dr. Y D Patil	25,000	2019-20
66	Condition Assessment of Khushnuma Residency Building	khusnuma Residency, Surat	Prof A J Shah	50,000	2019-20
67	Proof Checking and Vetting Authority for Tensile Roof Covering Membrane and Steel Structure in front of Terminal Building city side at SGRGJ International Airport Amritsar	Western Outdoor Structures Pvt Ltd, Mumbai	Dr. A K Desai	55,000	2019-20
68	Proof Checking of Design and Drawing of High Mast Tower Foundation	Techno Electricals, 2/65 Uday Park Society, Refinery Road, Gorwa, Vadodara	Dr. A K Desai	40,000	2019-20
69	Carrying structural assessment of various building at Ahmadabad(Residential Quarters Pragatinagar) (Income Tax and Central Excise) & AG Colony Shastrinagar	Executive Engineer, Ahmadabad Central Division, CPWD, Ahmadabad	Dr. A K Desai	3,52,000	2019-20
70	Proof Checking for structural design & drawing for New Station Building at Kanalus W. Railway, Rajkot Division	Vidyadhar Pendse, Vadodara	Dr. C D Modhera	1,00,000	2019-20
71	Condition Assessment of building of Diamond Jubilee Co-operative Bank Ltd, Surat	The Diamond Jubilee Co- operative Bank Ltd (Under Liquidation), Upper Ground, Ganga Palace, Nr. Kotak House, Ghod Road, Surat	Dr. A K Desai	80,000	2019-20
72	Report & Site visit (Core test and Non Destructive Test) Project Site: Construction of boat berthing facilities in statue of Unity at Project at Kevadia	Emjay Construction, Chennai. Tamilnadu C/o Gujarat Maritime Board, Bharuch	Dr. C D Modhera	50,000	2019-20
73	Proof checking of design and drawing (1) Construction of bridge in place of existing narrow bridge near village Kherwada on Mandvi Sherulla road km 15/0 to 15/2, Ta- Mandvi (2) Construction of bridge in place of existing narrow near village Bhatwada on Mandvi Sherull Road km 18/0 to 18/2, Ta- Mandavi, Dist-Tapi (3) Construction of Bridge in place of existing narrow bridge near village Nindwda on Sherull road, km 21/8 to 21/9, Ta-Mandvi (4) Construction of bridge in place of existing narrow bridge near village Naindwada on Mandvi Sherull road, km 21/9 to 22/0, Ta- Mandvi	Dy. Executive Engineer, Vyara (R&B) Sub Div, Vyara	Dr. A M Parghi	1,50,000	2019-20
74	Condition Assessment of the building of assistant agricultural director office, training and visit yojana, Songadh Section	Dy. Executive Engineer, Vyara (R&B) Sub Div, Vyara	Dr. A K Desai	30,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
75	Condition Assessment of staff quarters (Category-18 unit) at Tribal sub Planning Office campus in Songadh Section	Dy. Executive Engineer, Vyara (R&B) Sub Div, Vyara	Dr. A K Desai	30,000	2019-20
76	Proof checking of steel plate (17.2 m over all span) for Br. No. 146 (at km 31.280) for Nijampur RUB with 25 T-2008 loading	Konkan Railway Corporation Limited, Navi Mumbai	Dr. A K Desai	45,000	2019-20
77	Structural Stability checking of school building of JNV Situated at Buchawada, Diu	Executive Engineer, PWD, WD-2, Diu	Dr. C D Modhera	60,000	2019-20
78	Review and approval of the study report for plastic concrete wall	Struct House Sarathy Nagar, 2nd Street Extension, Velachery, Chennai-42	Dr. S J Shukla	50,000	2019-20
79	Third Party Inspection for Construction of different ongoing work at Kasez, Gandhidham (Minor misc work in Type-I, II, III, old and new admin building, Type-II Quarters, Road and Junction, Warehouse, Badminton Court, Type-III Quarters	NBCC India Ltd Plot No.6, Sector-3, Kandla Special Economic Zone. Gandhidham, Katch	Dr. C D Modhera	7,50,000	2019-20
80	Condition Assessment of tower and water tank area in Mahan Co-Op Housing Society Ltd, Adajan Road, Surat	Mahan Co-Op Housing Society Ltd, Adajan Road, Surat	Dr. G R Vesmawala	30,000	2019-20
81	Consultancy charges for proof checking for design of the foundation drawing of 30 mtr Bajaj Mast for Concor Project at Mundra (Gujarat)	Bhimji Velji Sorathia Construction Pvt Ltd, Plot No. 112-113, Arbuda Nagar, Survey No. 10/2 & 10/3, Village Antarjal, Ta- Gandhidham	Dr. S A Vasanwala	7,50,000	2019-20
82	Detail site Investigation and Physical condition assessment of Administration Building (Including core test, rebound hammer test, visual investigation and report preparation)	I/c, Registrar, Veer Narmad South Gujarat University, Surat	Dr. C D Modhera	1,80,000	2019-20
83	Detail site Investigation and Physical condition assessment of Library Building (Including core test, rebound hammer test, visual investigation and report preparation)	I/C Registrar, Veer Narmad South Gujarat University, Surat	Dr. C D Modhera	1,20,000	2019-20
84	Vetting of structure drawing (Bridge ch. 82+320, 112+530 & 131+370 Project: Rehabilitation and up gradation of NH-2019 km 58/600 to km 140/680 (Palamaneru to Krishnagiri Border Section) to two lane with paved shoulders in the State of Andhra Pradesh under Corridor Approach through EPC Basis Contract	SMS Infrastructure Limited 20, STPL. Gayatri Nagar, Parsdol, Nagpur	Dr. A K Desai	2,00,000	2019-20
85	Condition Assessment of Super Tex Tower at Rind Road, Surat	Super Tex Tower Shop Owner's Co-Op Service Society Ltd, G-31, Super Tex Tower, Opp. Kinnary Cinema, Ring Road, Surat	Dr. A K Desai	1,00,000	2019-20
86	Proof checking (Structural re-vetting) for Bandodkar Sports Complex, Nani Daman	Kishor Trivedi, Architect C/o Daman Municipal Corporation	Dr. Y D Patil	25,000	2019-20
87	Proof checking and approval of Retaining wall design and drawing for proposed Ghat at Chndrabhaga River at Jhalra Patan, Rajasthan	Earth Foundation, 39, Chandrodaya Society, Navjivan, Ahmadabad	Dr. A K Desai	30,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
88	Condition Assessment of various school building in south zone Udhana Area (1) Primary school No. 197,198, Miranagar (2) Primary school No. 223,224 at Saibaba Nagar (3) Primary school No. 204,205 at Vikas colony (4) Primary school No. 142,210 at Vikas Colony	Executive Engineer, South Zone(Udhna) Opp. Satyanagar, Udhna, Surat	Dr. A K Desai	3,96,000	2019-20
89	Vetting of structural component of ESR and Approach road near Mirasol, Nani Daman	Mars Planning & Executive Services Pvt Ltd	Dr. A K Desai	1,00,000	2019-20
90	Proof checking of design and drawing of widening of Pipli-Bhavnagar Section: package-I from km 136/00 to 168/800 (Near Adhelai Village to Nari junction) to four lannning from existing 10 meter wide road and 1- ROB at chinage 168+059 in the state of Gujarat on Hybrid Annuity mode	Kalthia Bhavnagar Pipli Highway Pvt Ltd Opp. Vithalwadi, Udhyonagar, New White Rose Hotel, Bhavnagar, Gujarat-364001	Dr. A K Desai	12,00,000	2019-20
91	Regarding structural proof checking for Tensile Structures walkway covering at Surat Airport	FABSHADE Tensile Architecture 235, HIGHGJELO ASCOT, VIP Road, Vesu, Surat	Dr. A K Desai	40,000	2019-20
92	Proof checking of structure design and drawing of New Staff Quarters for GSRTC @ Amreli (Design by Jayesh A Dalal	Chief Construction Engineer, Gujrat State Road Transport Corporation Ltd, Construction Division, Central Office, Ranip, Ahmadabad	Dr. A K Desai	1,60,958	2019-20
93	Structural stability analysis of one store room building (30 x 10 x 5) at IOCL Hazira Terminal	Indian Oil Corporation Limited, Hazira Terminal	Dr. A K Desai	45,000	2019-20
94	Condition Assessment of Word Trade Center Building, Ring Road, Surat	Word Trade Center (Maintenance Account) Word Trade Center, Parking Floor, Near Udhna Darwaja, Ring Road, Surat	Dr. A K Desai	2,00,000	2019-20
95	Proof checking of structure design and drawing of New staff Quarters for GSRTC @ Bhavnagar (Design by Buildsafe)	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd., Construction Division, Central Office, Ranip, Ahmedabad-382346 (Buildsafe Consultants)	Dr. A K Desai	2,78,162	2019-20
96	Condition Assessment of Terrace and Two shops in Textile Market, Ring Road, Surat	Jash Co-operative Service Society Ltd, Jash Textile Market, Ring Road, Surat	Dr. G R Vesmawala	25,000	2019-20
97	Proof checking of Design and drawing of tensile membrance roof over Atrium at Metro Rail Project	Western Outdoor Structure Pvt Ltd LBS Marg, Nanpura, Thane, India-400602	Dr. A K Desai	60,000	2019-20
98	Site Visit and proof checking of conditional Assessment report for Bridge No. 1116/1 at Umrar River, Katni Singrauli	Geo Design and Research (P) ltd, Vadodara	Dr. G R Vesmawala	30,000	2019-20
99	Strengthening measures for stability of tilted portion of the boundary wall at our Vadodara Terminal	Indian Oil Corporation Ltd 3rd Floor, G R Admin Building, Near Gujarat Refinery township, PO Jawaharnagar, Vadodara- 391320	Dr. A K Desai	75,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Vaar
100	Condition Assessment of Mount Blanck Apartment Building, Gaurav Path Road, Opp. Iscon Mall, Piplod, Surat	Mount Blanc Flat Owners Co-Op Housing Service Society Ltd, Mount Blanc Apartment, Opp. Iscon Mall, Piplod, Surat	Dr. A K Desai	1,50,000	2019-20
101	Condition Assessment of "E" Building of Indralok Complex, Near Kargil Chowk, Surat-Dumas Road, Piplod, Surat	"E" Building Indralok Complex Co-Owners Association, Indralol Complex, Near Kargil Chowk, Surat-Dumas Road, Piplod, Surat	Dr. A K Desai	60,000	2019-20
102	Feasibility report of existing box culvert structure near proposal bridge at TP-35 on Saroli-Sania-Hemad-Devdh-Puna Kumbharia Road against Bharat Cancer Hospital	Executive Engineer, Surat Urban Development Authority, Surat	Dr. Y D Patil	30,000	2019-20
103	Proof checking of design and drawing of Rest House Building at Dapada	Executive Engineer, PWD, Civil DN No.I(B), Dadra and Nagar Haveli, Silvassa	Prof. A J Shah	7,50,000	2019-20
104	Providing Proof checking consultancy services of foundation designs and drawings of Railway Electrification work	Rail Vikas Nigam Limited, 108, Panchsheel Enclave, J L N Marg, 302018(Rajasthan)	Dr. A K Desai	30,000	2019-20
105	Proof checking of design and drawings of various rigid internal road and high school structure at Silvassa	Executive Engineer, PWD, Civil DN No. I(B), Dadra and Nagar Haveli, Silvassa	Dr. A K Desai	24,00,000	2019-20
106	Proof checking of design and drawing of Guest House Building at Kilvani, Silvassa	Executive Engineer, PWD, Civil Dn. No.I (B)., Dadra and Nagar Haveli, Silvassa	Prof. A J Shah	8,00,000	2019-20
107	Condition Assessment of Building	Tapan N Mistry, Industrial Building Contractor, Sant Tukaram Society-2, Block No.14, Ghod Dod Road, Surat	Dr. A K Desai	70,000	2019-20
108	Proof checking/Vetting of design and drawing for the work of Pre-Fab Steel Building	SCC Infrastructure Private Limited, Taltej, Ahmadabad	Dr. A K Desai	25,000	2019-20
109	Soil Investigation for Extension of Terminal Building at Surat Airport	Siddhi Construction, Surat	Dr. Satyajit Patel	1,00,000	2019-20
110	Structural Assessment of Bank Building at Gandhidham (Block- A, B, C)	Circle Head and Vice President (Civil), SBI Infra Management Solution Pvt Ltd, Circle Office, Ahmadabad	Dr. A K Desai	2,80,000	2019-20
111	Proof checking of Design and drawing for package-6 Construction of Imporatant Bridge No.41 (15 x 24.40 m) composite welded girder) at km 30/4-9, major bridge No. 63D (1 x 76.2 m open web trough type steel girder) at km 77/8-9 and Major bridge No.76B (1 x 76.2 m open web through type steel girder) at km 95/4-5 along with steel channel sleepers, foundations, substructures related protection works and other allied works in connection with Doubling between palanpur- smakhiyali stations on Ahmadabad division western railway in Gujarat state, India	Shree Manglam Buildcon, SD 58-59-n60, Hezxone Arcade, Near Jayaben Modi Hospital, Opp. Shalimar Hotel, Valia Road, GIDC, Ankleshwar	Dr. A K Desai	35,000	2019-20
112	Professional Advice and Guidance on the Structural Modelling, Analysis, Design, Drawing and following under	Geo Design and Research (P) ltd, Vadodara	Dr. G R Vesmawala	79,290	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	CE (Army), Bhopal (1) Proven of OTM ACCN for RKT Regt (Plank) at Nasirabad (PH-II of two phases) (2) Auditorium cum Cinema Hall , Ahmadabad				
113	Condition assessment of building (Hariharnagar Apartment)	Hariharnagar Apartment Co-Op Housing Society Ltd, Bhatar Road, Opp: L B Cinema, Surat	Dr. A K Desai	86,000	2019-20
114	Structure condition assessment of building (Sai Amrut Apartment building)	Sai Amrut Apartment, Vrundavan Society, Palanpur Jakatnaka Road, Surat	Dr. A K Desai	35,000	2019-20
115	Visual Inspection and Condition Assessment of "E" Building of Indralok Complex Co- Owners Association, Indralok Complex, Nr. Kargil Chowk, Surat	President/Secretary, Indralok Complex "E" Building Co-owners Association, Piplod, Surat	Dr.A K Desai	60,000	2019-20
116	Vibration measurement of the factory building of Pratiman Textiles, Plot No. 237, Old GIDC, Katargam, Surat	Pratiman Textiles, Plot No.237, Old GIDC, Katargam, Surat	Dr. A K Desai	80,000	2019-20
117	Visual Inspection and Condition Report of Technical Forest Quarters at Maroli (Guard Quarters - 1 block & Foresters Quarters - 1 Block)	Dy. Conservator of Forest, Social Forestry Div, Navsari	Dr. C D Modhera	50,000	2019-20
118	Proof checking and drawing of New Laboratory Building in the area of Rander of Drainage Div No.2	Executive Engineer, Drainage Div No.2, Surat	Dr. G R Vesmawala	35,000	2019-20
119	Technical opinion report for collapse wall near Puna Village Lake in the area of East Zone (Varachha), Draft TP S No. 20(Puna), Original Plot No. 82, FP -11, Work: Redevelopment of lake at Puna	Er. H S Suthar, Executive Engineer, Garden Project Cell, Near Makkai Pool, Surat	Dr. A K Desai	35,000	2019-20
120	Proof checking of Hogh Mast Tower design and calculation report & Foundation, which is installed at District Central Jail, Village- Dokl, Ta-Dahod	Amitkumar P Patel, Surat	Dr. A K Desai	26,000	2019-20
121	Arbitration matter between AFCONS infrastructures Ltd and Petronet LNG Ltd, regarding Marine Facilities at LNG Kochi Terminal -Cross Examination of Dr. S R Gandhi on 21.08.19	AFCONS Infrastructure Limited Afcons House, 16 Shah Industrial Estate, Veera Desai Road, Azad Nagar, P O Box No. 11978, Andheri(W), Mumbai - 400053	Dr. S R Gandhi	1,00,000	2019-20
122	Proof checking of Design and drawing of bus depot at Salamba & Surendranagar	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd, Construction Div, Central Office, Ranip, Ahmedabad- 382346 (BUILDSAFE CONSULTANTS)	Dr. A K Desai	3,12,313	2019-20
123	Design review for Type-II Quarters (Palitana and Songadh), Bhavnagar Sub Div	Arcon Civil Project Consultants, Surat (Payment made by H O Gadhia	Dr. Y D Patil	27,200	2019-20
124	Geotechnical Investigation: Proposed site of building of main campus IIT Jammy Phase 1C	Advisor Work, Indian Institute of Technology, Jammu	Dr. Satyajit Patel	6,00,000	2019-20
125	Checking of stability of building (Center Point) and Restoration of balance part of building	Executive Engineer, PWD, Civil DN No.II(Road), Dadra and Nagar Haveli, Silvassa	Dr. A K Desai	80,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
126	Site Visit and The consultancy service for the construction of medical college at Idduki	KITCO LTD, Femith's. PB No.4407, Puthiya Road, NH Bypass, Vennala, Cochin 682028, Kerala, India	Dr. Satyajit Patel	4,00,000	2019-20
127	Condition Assessment of Jai Shree Gopal Krushna Apartment, Surat Dumas Road, Near Old Umra Jakat Naka, Surat	Jai Shree Gopal Krushna Apartment Co-Op Housing Society Limited, Surat Dumas Road, Near Old Umra Jakatnaka, Surat	Dr. A K Desai	1,80,000	2019-20
128	Professional Advice and Guidance on the structural modelling, analysis, design, drawings and works under DGNP Vishakhapatnam (Drawing for up gradation of SAX Department at Vishakhapatnam)	Geo Design and Research (P) ltd, Vadodara	Dr. G R Vesmawala	30,000	2019-20
129	Condition Assessment of shopping center and office building at Umargam	Umargam Nagar Palika, At & Post-Umargam, Ta- Umargam, Dist- Valsad	Prof. A J Shah	30,000	2019-20
130	FWD Test (1) Bayad-Gabat- Ubharam Road, km 0/000 to 16/800 (2)Balasinor-Parabiya-Amodra Road joining to Kapdvanj-Bayad Road, km 0/000 to 13/000	Bhatol Construction Co. Plot No.1055, Sector-2/D, Gandhinagar	Dr. Satyajit Patel	80,000	2019-20
131	Proof checking for design and drawing for bridge at Chainage 64+225 for Chikhli-Khamgano Project	Iron Triangle Limited, Ahmadabad	Dr. A K Desai	50,000	2019-20
132	Proof checking for the works of ITCS project structure of VMS, RLVD, and ANPR	Executive Engineer, BRTS Project, Surat Municipal Coporation, 2nd Floor Ambedkar Shopping Center, Ring Road, Surat	Dr. A K Desai	73,000	2019-20
133	Condition Assessment of Overhead water Tank (20000 Litre Capacity)	Dy. Executive Engineer, Public Health Sukhakari Sub Div, Bilimora (Gujarat Water Supply and Drainage System Board)	Dr. A K Desai	30,000	2019-20
134	Proof checking & vetting of support structure & Foundation for variable message signage (VMS)	3M India Limited (Mascot Corporation)	Dr. G R Vesmawala	30,000	2019-20
135	Condition assessment of EWS at (1) TP-22 (Bhestan), FP-70, total 20 building and 640 DU (2) TP-22 (Bhestan), FP 23(R-10), Total 08 building, 480 DU	Executive Engineer, Slum Upgradation Department, Surat Municipal Corporation, Old Zone Office, Tadwadi, Rander Road, Surat	Dr. A K Desai	8,40,000	2019-20
136	Soil Investigation for Development of Dhanoi Lake at Tarsadi, Ta- Mangrol, Dist- Surat	Dy. Executive Engineer, Mandavi (R&B) Sub Div, Mandavi	Dr. Satyajit Patel	1,40,000	2019-20
137	Proof checking of consultancy services of structural design and drawing of foundation (Bridge No. 652,639,649 and Portal Foundation at Jawai Bundh	KEC International Limited, Falna, Rajasthan	Dr. A K Desai	30,000	2019-20
138	Professional Advice and Guidence on the structural modelling, analysis Design, Drawings and following works under CE (Navy) Vizag (1) Demolition of existing single stories 4 in nosy married accommodation and reconstruction of considering of 32 quarters at Navy Nagar INS Adyar Chennai (2) Demolition of Existing 09 TY. MD Accn & Reconstruction of PT Accn for officers and sailors at TS	Geo Design and Research (P) ltd, Vadodara	Dr. G R Vesmawala	1,91,250	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	Avadi, Chennai				
139	Professional Advice and Guidance on the Structural Modelling, Analysis, Design, Drawing and following works under at CE (CG) GOA (1) Proven of Deficient MD Accn at CE Enclave Okha under GE 1 C G Pornader-Type II & II Quarters (2) Married accommodation for Officers, EPS, MES, Personnel & Transit Accn at CGRA Naliya under AGE I CG Jakhau (3) Indoor badminton court and construction of coast guard MT Pool at ICGS Vadinar under GE I CG Porbandar (4) Library building and reading room at 20 acres at Inaz Village ICEGATE Veraval (5) Provision of MES Inspection Bunglow at ICGS Okha	Geo Design and Research (P) ltd, Vadodara	Dr. G R Vesmawala	1,93,750	2019-20
140	Professional Advice and Guidance on the Structural modelling, Analysis, Design, Drawing and following works under at CE (Army) Jaipur (1) Consultancy services for preparation of structural drawing for proven of OTM Acon for Div Engr Regt (PH-1) of Two Phase) At MIL STN Kota (2) Jaipur	Geo Design and Research (P) ltd, Vadodara	Dr. G R Vesmawala	1,87,500	2019-20
141	Condition assessment of factory building located at Plot No. A-2634, MG Road, Udhna Udyog Nagar, Udhna, Surat	Navinchandra Ramanlala Chokhawala, 3/3973, Navapura, Nagardas Street, Surat	Dr. G R Vesmawala	40,000	2019-20
142	Professional Advice and Guidance on the Structural Modelling Analysis, Design, Drawing and Following works under Chief Engineer (Navy) Mumbai: Consultancy services for provision of Deficient single sailors accn incl Foreign Trainee sailors and Demolition and reconstruction of in living officers servants quartes at INHS Asvini	Geo Design and Research (P) ltd, Vadodara	Dr. G R Vesmawala	1,00,000	2019-20
143	Proof checking of structural design and drawing for safety measures of 2 GAS pipeline of Reliance Gas Pipeline Limited (*M/s RGPL) and Pipeline Infrastructure Limited (M/s PIL) falling in proposed Maintenance depot of Surat for MAHSR corridor of NHSRCL	CPM (Surat) , NHSRCL, National High Speed Rail Corporation Limited, Surat	Dr. A K Desai	2,75,000	2019-20
144	Proof checking for design and drawing for bridge at Chainage 64+225 for Chikhli-Khamgano Project	Iron Triangle Limited, Ahmadabad	Dr. A K Desai	50,000	2019-20
145	Proof checking of design and drawing (Construction of subway in lieu of existing level crossing in between MGS-DGP Section of Mugalsarai Division	Sri Jagannath Transport Corporation Opp: Vgnana Vidyalaya South Gate, 3rd Lane, New Colony, Rayagada (Odisha) - 76500	Dr. A K Desai	1,18,000	2019-20
146	Utilization and retrofitting opinion survey work with detail report and recommendations for 50000 Litre U/G Sump at Village- Vadoli, Ta-Olpad, Dist-Surat	Unit Manager, District Water and Sanitation Unit, 3rd Floor, "Jal Bhavan" Adajan Water Tank, Adajan Road, Surat	Dr. B Kondraivendhan	50,000	2019-20
147	Proof checking of consultancy services for 5484 various EWS-II Project under PMAY scheme	Executive Engineer, Slum Upgradation Department, Old Zone	Prof A J Shah Dr. Y D Patil	78,59,865	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
		Office, Tadwadi, Rander Road, Surat			
148	Rebound hammer and Ultrasonic Pulse Velocity Test (Site: Construction of slab drain causeway of various roads in Vyara Taluka, Dist-Tapi (Total 3 road, Package No.16)	Dy. Executive Engineer, Panchayat (R&B) Sub Division, Vyara	Dr. S R Suryawanshi	50,000	2019-20
149	Proof checking of consultancy services for 5080 various EWS-II Projects under PMAY Scheme	Executive Engineer, Slum Upgradation Department, Old Zone Office, Tadwadi, Rander Road, Surat	Dr. A K Desai Dr. G R Vesmawala	77,48,220	2019-20
150	Review and approval (Proof checking) of High Mast Foundation, Specification, Soil Investigation Report and GA Drawing	KONSTELEC Engineering Pvt Ltd, Mumbai	Dr. A K Desai	33,000	2019-20
151	Proof checking of Structural design of Multi storied Building, as a reviewer (Building located at TP-26 (Singanpore), FP-102, Sub Plot No.2, Near Dabholi Bridge, Katargam (Tower- A & B)	Modern Developers, Palm Rivera, FP-102, TP-26 (Singanpore), Karargam	Dr. A K Desai	5,10,000	2019-20
152	Proof checking of design and drawing for the construction of flyover (Bridge) at three major or 4 Arm Junction at 03 Places (Ring Road junction A, B, & G) (Ch.10/3, 12/3, & 14/6 km) on Ring Road/bypass (DNH) coming in the alignment of newly declared NH 848A in UT of Dadra and Nagar Haveli on EPC Mode	Vijay M Mistry Consutruction Pvt Ltd, "Mistry House", 9, Preyas Society, Opp: Gulbhai Tekra Police Choki, Ambawadi, Ahmadabad - 380015	Dr. A K Desai	11,58,000	2019-20
153	Proof checking of structure design and drawing for the construction of GSRTC Bus Stand at Morvahdaf, Dhanpur, Sanjeli, Rajkot, Dwarka, Rapar Depot	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd., Consutruction Branch, First Floor, Near Ranip Bus Terminal, Ranip, Ahmadabad	Dr. C D Modhera	2,65,345	2019-20
154	Proof checking of structure design and drawing for the construction of GSRTC Bus Stand at Kevadia Colony	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd., Construction Branch, First Floor, Near Ranip Bus Terminal, Ranip, Ahmadabad	Prof A J Shah	88,188	2019-20
155	Proof checking of structure design and drawing for the construction of GSRTC Bus at Satellite Bus Station and Bhuj Staff Colony	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd., Construction Branch, First Floor, Near Ranip Bus Terminal, Ranip, Ahmadabad	Dr. A K Đesai	3,72,978	2019-20
156	Review and vetting of Structural Design and Detail for TAJ-Vivianta- President, Mumbai, (For Fixed Gate, Sliding Gate & Telescopic Gate)	A M Enterprises, Building no. 8, Office No.1, Jasmin CHs, Vijay Garden, Near Vijay Vilas, Kavesar, G B Road, Thane (W)-400615	Dr. A K Desai	25,000	2019-20
157	Condition Assessment of structure of Existing various Building at Diu (1) Existing old account office building, Firangiwada-60000 (2) Existing old account office	KONSTELEC Engineering Pvt Ltd, Mumbai	Dr. C D Modhera	11,50,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	building, Firangiwada-60000 (3) Govt. old food grain godown building, Near bunder chowk-60000 (4) JNV school bucharwada, Diu-80000 (5) Toilet block (Falcon) near sea view hotel at Ghoghla Beatch-30000 (6) Government higher secondary school (boys), Ghoghla, Zampa-60000 (7) Government higher secondary school (Girls), Ghoghla, Zampa-60000 (8) Government Higher secondary school, Diu-60000 (9) Government Higher secondary school, Diu-60000 (10) Government middle (boys) school, Diu-60000 (11) TTI, Near PWD office, (Technical Training Institute)-60000 (12) Government primary school, Near electricity, Gandhipur-60000 (13) Government High school, Fudam, Diu-60000 (14) Old 66KV control room, Malala-80000 (15) Higher secondary school, Buchawada, Diu-60000 (16) High school, Daghachi, Diu-60000 (17) Government high school, Saudwadi, Near panchayat office-60000 (18) Community hall near panchayat office, Saudwadi-60000 (19) Government sarcottam high secondary school (Girls), Vanalebara-60000 (20) Government sarvottam higher secondary school, Nagoa-60000			(RS.)	
158	Architectural and Structural design of 36 m height trestle tower (structural steel) of south sentnel Lighthouse	Dy. Director, Directorate of Lighthouses & Lightships, Deep Bhavan, 44-BS Road, Port Blair-744101	Dr. A K Desai	3,50,000	2019-20
159	NDT on Column and give opinion for strength of concrete	Shree Mahavir Health and Medical Relief Society, Shree Mahavir Health Campus, Athwagate, Ring Road, Surat-395001	Dr. A K Desai	2,20,000	2019-20
160	Stability certificate regarding the property bearing city survey nondh No. 1989 & 1990 of ward No.11	Panchratna Apartment Co- Op Housing society Ltd, Muglisara, Surat	Dr. A K Desai	1,80,000	2019-20
161	Review the drawing/photos and site visit to Karaikal Port for Technical Advice regarding the mechanization coal handling system by SCR in Karaikal Port	General Manager, Project, Karaikal Port (P) Ltd, Karaikal	Dr. S J Shukla	40,000	2019-20
162	Proof checking of structural design of multi storeyed building as a reviewer for building height more than 45 meter (Tower-A, B at TPS 19 (Katargam), FP-128, OP No.83/A Rs. No. 276/2, Moje Katargam, Surat	Venus Developers, Surat	Dr. A K Desai	4,51,000	2019-20
163	Design vetting of 8 m and 12 m Octagonal Pole & Its foundation for end client IOCL	Transrail Lighting Limited	Dr. A K Desai	50,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
164	Stability Analysis of Embankment & Geomembrance and Proof checking of secured landfill at Jambushar, Bharuch	Safe Enviro Private Limited, H No. 2/801/802, 3rd floor, Hira Modi Sheri, Bhandariwad, Sagrampura, Ring Road, Surat	Dr. Satyajit Patel	1,25,000	2019-20
165	Proof checking of structural design and calculation for construction of 2502 KLD STP at KAPP 3 & 4, Kakarapar	Ecosystem Resource Management Pvt Ltd, Office Floor, Ashoka Pavillion-A, Opp: Kapadia Health Club, New Civil Road, Surat	Dr. A K Desai	50,000	2019-20
166	Stability Test of our Hotel Vaibhav M G Road Opposite Railway Station Vapi CSR No. 3989	Hotel Vaibhav, Vapi	Dr. A K Desai	1,70,000	2019-20
167	(1) TPI- Providing & Fixing Parking Shed (M S Fabrication GI Sheet Roof & Pre-cast rubber Dye Inter Locking Conncrete (Paver) Block (2) Providing & Fixing Pre-cast Rubber Dye Inter Locking Concrete (Paver Block) in front of New Boys Hostel	Registrar, Veer Narmad South Gujarat University, Surat	Dr. G R Vesmawala	37,111	2019-20
168	Proof checking of Design and drawing of RE Wall and Geotechnical Report and Quantity Verification statement for Construction of Six Lanning of Kamrej-Chalthan Section of NH-8 From 248.100 to k m 264.350 including long term remedial measures for 4 black spots in Kamrej-Bharuch section of NH-8 in the State of Gujarat on EPC mode under NHDP Phase-V	SCIW-UC (JV), Unique House, Bhatar, Surat	Dr. J B Patel	1,00,000	2019-20
169	TPI- Construction of Under Ground Water Tank	Registrar, Veer Narmad South Gujarat University, Surat	Dr. G R Vesmawala	1,31,809	2019-20
170	TPI-Construction of Overhead Water Tank (ESR)	Registrar, Veer Narmad South Gujarat University, Surat	Dr. G R Vesmawala	94,107	2019-20
171	Vetting of drawing pertaining to Replacement of Damaged RCC Platform of NDCT#1 and NDCT#2 with FRP at NTPC Kawas	Sr. MGR (TS/IT) NTPC Ltd, Kawas	Dr. C D Modhera	30,000	2019-20
172	Proof checking of ESR and Sump for Railway Department, Dwarka	Savan Kakadia & Associates, Rajkot (Ashvin Chhaganbhai Surani, Rainbow Infrastructure)	Dr. A K Desai	25,000	2019-20
173	Structural Health Monitoring works with Details Report & Recommendations of Abounded Jalbhavan Building, Surat	Executive Engineer, Public Health Works Div, Gujarat Water Supply & Sewerage Board, Jalbhavan, 1st Floor, Adajan Road, Surat	Dr. B Kondraivendhan	80,000	2019-20
174	Proof checking of structure design and drawing for the construction of GSRTC Bus Depot at Mundra, (Bhuj Div)	Chief Construction Engineer, Gujarat State Road Transport Corporation Ltd., Construction Branch, First Floor, Near Ranip Bus Terminal, Ranip, Ahmadabad	Dr. S A Vasanwala	22,948	2019-20
175	Structural Proof checking of Bridge at (1) Construction of High Level Bridge in Place of Exiting Bridge on MEN River CH.460.500 at NH 56 in	Apex Tarmac Pvt Ltd, Bypass Road, Himatnagar, Dist-S K, Gujarat-383001 (India)	Dr. A K Desai	1,50,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	Ta-Tilakwada, Dist- Narmada (2) Construction of High Level Bridge in Place of Existing Bridge on Samrarkhadi River ch. 472.800 to 473.200 at NH 56 in Ta- Rajpipla, Dist- Narmada				
176	Vetting of LED Signage mast of height 7.3 m	Transrail Lighting Limited	Dr. A K Desai	30,000	2019-20
177	Condition Assessment of Labour Housing Colony building at Ship Recycling Yard, Alang-Sosiya	Executive Engineer (Civil) Gujarat Maritime Board, Bhavnagar Port Colony-2, Block No. 3/4 Bor Talav, Bhavanagar	Dr. C D Modhera	1,50,000	2019-20
178	Vetting of Condition Assessment Report	Garpure Engineering & Construction Ltd Plot No.35/1, D-II Block, MIDC, Chinchwad, Pune (Payment made by Civil Tech Gujarat, Surat	Dr. C D Modhera	25,000	2019-20
179	Proof checking of compound wall Retaining wall for JUHU Airport	K N Rai (Engineering & Constractors), Mumbai	Dr. A K Desai	40,000	2019-20
180	Consultancy service for structural adequacy report for S1A segment at P-70 to P-71 = CCECC-TPL JV (Project: Construction of Elevated viaduct from Thaltej Gam to End of Western Ramp (CH. 710 to +7503) in EW Corridor including Bridge over Sabarmati River and 7 stations Thaltej Gam, Thaltej, Doordarshan Kendra, Gurukal, Gujarat University, Commerce Six Road and Stadium Circle and excluding interchange old high school court station for Ahmadabad Metro Rail Project Phase-I.)	CCECC-TPL JV (Tata Projects) Land Survey No. 80-82, 107-108, At Badaj next to Braj Bhoomi science city Bhadal Circle, Near M K Farm, Ahmadabad	Dr. A K Desai	1,00,000	2019-20
181	Proof checking service of Design and drawing for the construction of High Rise Residential Buildings, EWS-I-448 House (Parking +14 Floor), EWS-II-448, House (Parking +14 Floor) under PMAY at TPS No. 30(Vanakla), FP No. 124 Paikee- A at Vanakla, Dist-Surat	Executive Engineer, Surat Urban Development Authority, Surat	Dr. S A Vasanwala	14,93,246	2019-20
182	Proof checking of STD Drawing (Defence Project)	S S INFRAZONE	Dr. G R Vesmawala	35,000	2019-20
183	Stability Report of Main RCC Jetty at New Port, Bhavnagar	Executive Engineer (Civil) Gujarat Maritime Board, Bhavnagar Port Colony-2, Block No. 3/4 Bor Talav, Bhavanagar	Dr. C D Modhera	2,00,000	2019-20
184	Proof checking of design and drawing of 0.45 MLD Capacity STP under AMRUT scheme in Narayan Nagar at Nainital Towen of Dist-Nainital (Rs.30000 x 4 Nos)	OASIS EPC Soltions Ltd GF, 103/3, Nehru Colony, Old Nehru Colony, Dehradun, Utrakhand	Dr. Y D Patil	1,20,000	2019-20
185	Proof checking service for various ROB's at Palaghar (1) Construction of Railway Over Bridge In lieu of L.C. 55 at KM 143.00, On Western Railway Line on Chinchani Vangaon Ashagad Ambesari Road, SH-75 at Km. 8/200 Tal. Dahanu Dist. Palghar (2) Construction of Road Over Bridge in lieu of L.C. No. 60 at DFC Km 166/364.17 of western railway in	T and T Infra Ltd, Office No. 1 to 5, A1, Vishnu Vihar, Bibewewadi- kondhwa Road, Market Yard, Pune	Dr. G R Vesmawala	7,20,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	between Dahanu Road and Gholwad Railway station on Village road Chikhale to Narlipad connecting to MSH-4 and MDR 6 Tal. Dahanu, Dist. Palghar (3) Construction of Railway Over Bridge in Lieu of L.C. 64 of Gholwad Road between block Gholwad to Umergaon, Name of Road Bordi Phata to Talasari M.D.R. No. 3 at ch. 2/200 Tal. Talasari Dist. Palghar				
186	Proof checking of design and drawing for the construction of "Provision of additional water way by RCC Box size (single box, twin box, twin box at various location of KNE KDPR Section of Katihar)	Subhadra & S P Mallik (JV), Kolkatta	Dr. A K Desai	1,35,000	2019-20
187	Foundation design calculation approval for IOCL, Ahmednagar (30 meter high Mast Tower)	Crompton, Greaves Consumer Electricals Ltd, Mumbai	Dr. A K Desai	30,000	2019-20
188	Condition Assessment of College Building of Arts and Commerce College, Olpad	P K Desai Kelavani Mandal, Olpad (C/o Arts and Commerce College, Olpad)	Prof A J Shah	80,000	2019-20
189	Structural Audit for NABARD Own building at Ahmadabad NABARD Tower (1 Block) Nabard Vihar (3 Block)	National Bank of Agriculture and Rural Development, Ahmadabad	Prof. A J Shah	2,95,000	2019-20
190	Structural Health Assessment of Staff Quarter block "A" Type-2 Nos, "B" Type-3 Nos & "C" Type-5 Nos. At Vasrapur DOS Housing colony and building No. 32 B & 33 at SAC Campus, Ahmadabad	Group Head, CMG/SAC, Space Application Center (ISRO), Department of Space, Construction & Maintenance Group, Satellite Road, Ambawadi, Vistrar, PO - Ahmedabad- 380015	Prof. A J Shah Dr. Y D Patil	26,06,000	2019-20

CIVIL ENGINEERING DEPARTMENT

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
1	proof checking of the design for the work of construction of internal roads and building of government school at pariyari daman district	Assistant engineer , PWD , District panchayat , Moti daman	Dr Rakesh kumar	2,00,000	2019-20
2	proof checking of the structural design for the peripheral and internal roads and the building for government primary school dunetha in daman district	Assistant director of education samagra shikasha , district panchyat , dholar , moti daman	Dr Rakesh kumar	60,000	2019-20
3	Providing random vigilance checking service for the work of resurfacing of various roads / bridges in different areas of Surat city through micro surfacing method package - 6	Road development department , SMC , Surat	Shri A J Solanki	70,000	2019-20
4	Appointment of TPQA agency for affordable housing in partnership (AHP) component of PMAY (U) for baldevi site - I and Ambekar Nagar for silvasa municipal council	Silvassa Municipal Council,Silvassa	Dr Krupesh A chauhan	63,00,000	2019-20
5	Vetting for drainage network design for special repair works for renovation of external drainage , ESIC Hospital , Vapi	Shri vinayak corporation	Dr K D Yadav	25,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
6	Third Party Inspection(TPI) for the work of Widening of existing two lane to three lane road from Valthan NH-48 starting chainage 0.00M to Simada Junction ending chainage 6900.00M, GI pipe railing both side of Canal and existing culverts and irrigation pipe extension in Surat Urban Development, Area	Surat Urban Development Authority, Surat	Dr. S S Arkatkar	7,28,300.74	2019-20
7	Adequacy Certification of Environmental Management System (EMS)	Chemiesynth (Vapi) Limited	Dr. B N Tandel	2,50,000	2019-20
8	Environmental Audit of Kanoria Chemicals & Industries Limited for the year 2018-19	Kanoria Chemical & Industries Limited	Dr. B N Tandel	3,03,400	2019-20
9	Proof Checking for Structural drawing and CC pavement Design of Local Streets of EWS and LIG Housing Project as per Model No.4A (i) of Chief Minister Jan Awas Yojana 2015 Issued by Government of Rajasthan Flat (G + 3 Pattern) at Location Khasra No.210/1, 210/2,216,218 Gopalpura City Beawar District Ajmer.	Sanchar Infratech private limited	Dr. Ashish Dhamaniya	40,000	2019-20
10	Traffic Survey and Feasibility Report	Traffic Cell, Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	1,50,000	2019-20
11	Accuracy/Performance and Vetting of Integrated Fixed Film Activated Sludge (IFAS) Technology	Palsana Enviro Protection Limited, Surat	Dr. K D Yadav	10,00,000	2019-20
12	Proof Checking of STP 0.55 MLD ZONE-3 and STOP 1.62 ZONE-4 and 2 Dewats Zone 1 & 2 and all related drawing and data of Sewerage Project of Budhni (Dist. Sehore) of Madhya Pradesh Urban Development Comapany Ltd. State of Madhya Pradesh (MPUDCL)	P. Das Infrastructure, Ahmadabad	Dr. P V Timbadiya	60,000	2019-20
13	Environmental Audit of Kakrapar Atomic Power Station for the year 2018-19	Kakrapar Atomic Power Station	Dr. B N Tandel	3,79,300	2019-20
14	Providing TPI Service for the work of the construction of cement concrete roads of various societies in west zone (Rander)	West Zone, Surat Municipal Cororation, Surat	Shri A J Solanki	37,822	2019-20
15	Providing Third Party Inspection (TPI) for the work of providing and Laying drainage line of I.S.L Make R.C.C NP3/NP4 pipe having spigot and socket subber ring joint including manhole pumping station & rising main for AZADNAGAR RASULABAD AREA, Surat	Drainage Department, Surat Municipal Corporation, Surat	Dr. V L Manekar	1,17,094	2019-20
16	Consultancy Service for Validation and Issuing Completion Certificate to Construction and Demolition (C&D) waste management project facility (PPP Basis) at Kosad, Surat	Validation and Issuing Completion Certificate	Dr. K D Yadav	25,000	2019-20
17	Regarding Your Suggestion/Advice/Consulting about Road Designing Regarding Widening of 45.00mt. Wide TP Road in 5 mt. width on each side of existing 12mt. Width of TP Road by Arterial Design Where Soil Strata Having Organic	North Zone, Surat Municipal Corporation, Surat	Shri. A J Solanki	40,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	Matter 0.8mt. Depth.				
18	Checking Estimates of 90.00mt. Wide Outer Ring Road Project For Packages 1A to 1D	Urban Ring Development Corporation Limited, Surat	Dr. S S Arkatkar	5,60,000	2019-20
19	Proof Checking of Design and Drawings of Minor Bridge at CH:37+130 For The Work of 4-Lane With Paved Shoulder Configuration of Bilaspur-Pathrapali (Km.0+000 to Km.53+300) Section of NH-111 (New NH-130) in The State of Chhattisgarh Under Bharatmala on hybrid Annuity Basis	Translink Infrastructure Consultants Pvt Ltd	Dr. Rakesh Kumar	12,00,000	2019-20
20	Providing Consultancy Services For P/L Internal and U/G Sewerage Network for STP-1 and STP-2 along with Internal Road	Sachin Notified Area Authority, Surat	Dr. K D Yadav	10,00,000	2019-20
21	Provinding Crust Design of Road Construction of 9.00mt. Wide Service Road From Subgrade to wavering course along to retaining wall from Mitikhadi bridge o Pratapnagar Sewage Pumping Station in F. Plot No. 29 in D.T.P. Scheme-39(Udhana-Limbayat) in area of south east zone (Limbayat)	South East Zone (Limbayat), surat Municipal Corporation	Dr. S S Arkatkar	25,000	2019-20
22	Technical Clarification/Expert Opinion regarding using of "Bulk Density" of "Specific Gravity" for qualifying volumetric measurement to weight measurement in minor minerals for the work of construction of Eight Lane Vadodara Kim Expressway from km 355.00 to km 378.740 Padra to Vadodara Section of Vadodara Mumbai Expressway in the State of Gujarat under NHDP Phase-vi on EPC Mode (Phase IA-Package-I)	Larsen & Turbo Limited	Dr. Rakesh Kumar	25,000	2019-20
23	Vetting and Proof Checking of Development and Beautification of Moti Daman Fort (In and Around)	Executive Engineer, Public Works Department-1, Daman (Devarsh Construction Co.)	Dr. Rakesh Kumar	45,000	2019-20
24	Providing Random Vigilance Checking for the work of Carpet/Recarpet of 24.00mt and above 24.00mt wide T.P. roads of Surat Municipal Corporation with use of Shredded Plastic Waste	Road Development Department, Surat Municipal Corporation, Surat	Shri A J Solanki	2,00,000	2019-20
25	Conducting CFD Simulation of flow through Turbine Units including Tail Race Channel of Maneri Bhali-I Hydro Electric Project for finalization of outfall gates in Tail Race	UJVN Limited (A Government of Uttarakhand Enterprise)	Dr. P L Patel	14,90,000	2019-20
26	Adequacy Certification of Effluent Treatment Plant (ETP) of our Industry	Shree Khedut Sahakari Khand Udyog Mandali Ltd, Pandvai	Dr. B N Tandel	1,00,000	2019-20
27	Proof Checking for the work of Rehabilitation and up-gradation of existing 2-Lane to four lane standards from Talcher to end of Kamakhyanagar bypass section of (Km.8.444-Km.15.725) of NH-23 (New NH-149) and (Km.301.875-km.335.946) of NH-200 (New-53) under NHDP Ph-III on EPC Mode (Pkg-I)	National Highway Authority of India, Odisha	Dr. Rakesh Kumar	10,00,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affillating Departments	Total Project Amount (Rs.)	Year
28	Proof Checking of Pavement design report based on the survey data for service road for the work of Construction of Six lane Elevated Structure at Gondal Chowkdi at Ch. Km 175.00 on existing 4 lane Jetpur-Gondal-Rajkot Section from km 117.600 to km 185.00 on NH-27 (old NH-8B) in the State of Gujarat on EPC mode Project	Saraswati Construction Co., Ahmadabad	Dr. Rakesh Kumar	60,000	2019-20
29	Consultancy work related to Repairing/Restoration/Construction of Existing Cement Concrete Road, Located at Khajod Final Waste Disposal Site	Drainage Department, Surat Municipal Corporation, Surat	Dr. Rakesh Kumar	4,75,000	2019-20
30	Third Party Inspection (TPI) for the work of Construction of Shahid Smarak/Shaurya Smarak and Peace Center at Draft T.P.S No.29 (Vesu-Rundh-Magdalla), F.P. No. 70, 113, 118, 126, 136, 139 and 143 in Surat Municipal Corporation, Surat (Phase-I)	Heritage Cell, Surat Municipal Corporation, Surat	Dr. R M Tailor	10,53,096	2019-20
31	Hydrodynamic modelling of channelization of various river reaches of Uttarpradesh	Irrigation and Water Resource Department, Government of Uttar Pradesh (Various Barrage Mechanical Maintenance Divisions)	Dr. S M Yadav	15,00,000	2019-20
32	Consultancy Service to Carry FWD Test on road Bhuj Airport Jn- Khavada-India bridge to Dharmshala Section	MAP Technolab Pvt Ltd, Ahmadabad	Dr. Rakesh Kumar	40,000	2019-20
33	Consultancy Services to Carry FWD Test for road under Dabhoi (R&B) Sub Division	Deputy Executive Engineer Dabhoi (R&B) Sub Division, Dabhoi	Dr. Rakesh Kumar	4,20,000	2019-20
34	Proof Checking of design and Drawing of rigid pavement from Dadra Patel Road to Naroli along with water supply pipeline connection to ESR at Dadra Patelad, Silvassa	Executive Engineer,PWD., Civil Div No.3(D.P.), Dadra & Nagar Haveli, Silvassa	Dr. K D Yadav	16,00,000	2019-20
35	Proof Checking of design and drawing of House to House water supply connection and reconstruction of roads design at Naroli Silvassa	Executive Engineer, PWD., Civil Div No.III (D.P.), Dadra and Nagar Haveli, Silvassa	Dr. K D Yadav	24,00,000	2019-20
36	Proof Checking of the design and drawing of 10 Nos. Of check dams and its approach roads, Silavassa	Executive Engineer, P.W.D., Civil Div No.III (D.P.), Dadra and Nagar Haveli, Silvassa	Dr. S M Yadav	15,00,000	2019-20
37	Comprehensive Report on Assessment of Green Cover of Surat City	Garden Project Cell, Surat Municipal Corporation, Surat	Dr. Chetan R Patel	8,00,000	2019-20
38	Regarding Consultancy service of proof checking of design and drawing of approach road and ROB at chainage 168.059 for the work of widening of Pipli-Bhavnagar-Section: Package-1 from Km 136/000 to 168/800. (Near Adhelai Village to Nari Junction) to Four laning existing 10 meter wide road in the state of Gujarat on hybrid Annuity Mode	Kalthia Engineering and Construction Ltd	Dr. Rakesh Kumar	12,00,000	2019-20
39	Structural stability check of existing rigid and flexible pavements and	Executive Engineer, P.W.D., Civil Div No.I (B),	Dr. Rakesh Kumar	25,00,000	2019-20

Sr. No.	interest and contountaine,	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	design of new roads at Tokarkhada Silvassa	Dadra and Nagar Haveli, Silvassa		(100)	ļ <u></u>
40	Proof Checking of the design and Primary school at Dapada-Kilvani- Randha, and its approach roads and rain water harvesting system at all campus, Silvassa	P.W.D., Civil Division No.III	Dr. S M Yadav	10,00,000	2019-20
41	Third Party Inspection (TPI) for Construction of EWS-II residential flats & Shops including all internal infrastructure service & Area development work at T.P. Scheme No.19 (Parvat-Magob), F.P. No. 110/3 under "Pradhan Mantri Awas Yojana" on Engineering-Designing, Procurement and Construction Basis(EPC Mode)	Slum Upgradation	Dr. R M Tailor	16,47,613	2019-20
42	Third Party Inspection (TPI) for the work of Construction of diversion wall with sluice gate at Gadhpur, Valak and Varachha creek for Tapi Suddhikaran Projeet under NRCP	Drainage Department, Surat Municipal Corporation, Surat	Dr. V L Manekar	1,66,606	2019-20
43	Proof Checking of drawing of R.C.C Road section at ESIC Hospital, Vadodara, Gujarat	Shri Vinayak Corporation, Surat	Dr. Rakesh Kumar	25,000	2019-20
44	Designing and drawing of widening of 2 lane road to 4 lane flexible pavement from Masat to Khanvel Junction (Approximate 10 km) at Silvassa including BBD & Testing stability of existing 2 lane road	Executive Engineer, P.W.D., Civil Div No.III (D.P.), Dadra and Nagar Haveli, Silvassa	Dr. Rakesh Kumar	35,00,000	2019-20
45	Designing flexible pavement for the work of widening to 6.10 m to 10.0 m including road safety improvement between km. 182/00 to Km.204/00 of NH-64 in Bharuch District in the state of Gujarat	Royal Infra Engineering Pvt Ltd	Dr. Rakesh Kumar	3,20,000	2019-20
46	Strength check of existing road using BBD and new design of overlay road in Panchayat Taluka of Silvassa	Executive Engineer, P.W.D., Civil Div No. III (D.P.), Dadra and Nagar Haveli, Silvassa	Dr. Rakesh Kumar	25,00,000	2019-20
47	Providing Random Vigilance Checking service for the work of resurfacing of various Roads/Bridges (Package-7) and other near future sanction resurfacing works through microsurfacing system of Surat City	Road Development Department, Surat Municipal Corporation, Surat	Shri. A J Solanki	2,00,000	2019-20
48	Consultancy Services for technical audit and quality assurance for road under Navsari (R&B) Div, Navsari. (i) Four Lanning of Vesma-Maroli-Ubharat road K.m. 0/0 to 27/6 (Section K.m. 1/0 to 17/0) (ii) Widening and strengthening of Sanvalla-Tankal-Rankuva-Rumla-Karanveri Road K.m. 0/0 to 38/4.	Navsari (R&B) Division, Navsari	Dr. Ashish Dhamaniya	3,50,000	2019-20
49	Proof Checking for Rigid Pavement Design of Internal Roads of STP of 5.0 MLD Capacity in Mohali Hills	4th Dimension Infratech Private Limited, Jaipur	Dr. Ashish Dhamaniya	30,000	2019-20
50	Providing service of checking estimate as per Physical condition of Samkhiyali-Adhoi-Kanthkot Ramvav Ekal Bambhnaka Road (MDR) Ta. Bhachau.	Executive Engineer, Road and Building (Panchayat) Div, Bhuj-Kachchh	Dr. G J Joshi	75,000	2019-20
51	Feasibility study regarding construction and demolition waste	Surat Green Precast Private Limited, Surat	Dr. K D Yadav	2,00,000	2019-20

Sesign of Kamrej Intersection Authority, Surat	2019-20 2019-20 2019-20
design of Kamrej Intersection Third Party Inspection for the work of Construction of flexible pavement for road from Bhestan minor chainage Rd. 0.00 to 29.00 Saniya Kanade Javahar Vidhyalaya to NH-08 Chaithan Branch Chainage Rd. 81.565 to 81.139 (Bhestan Chaithan Canal Road LHS). In SUDA area Design Validation for internal road (7.0m wide and 1000m) at Bajaj Campus, Mumbai Providing Third Party Inspection (TPI) Service for the work of dredging and reclamation in Kankar Authority, Surat Dr. S S Arkatkar 6,25,766 2 M/s. Bajaj Electricals Limited, Mumbai Dr. Rakesh Kumar 30,000 2 Executive Engineer, Creek Development Projects, Drainage Department, Surat Dr. P V Timbadiya 5,06,162 2	2019-20 2019-20
Construction of flexible pavement for road from Bhestan minor chainage Rd. 0.00 to 29.00 Saniya Kanade Javahar Vidhyalaya to NH-08 Chalthan Branch Chainage Rd. 81.565 to 81.139 (Bhestan Chalthan Canal Road LHS). In SUDA area Design Validation for internal road (7.0m wide and 1000m) at Bajaj Campus, Mumbai Providing Third Party Inspection (TPI) Service for the work of dredging and reclamation in Kankar Surat Urban Development Authority, Surat Dr. S S Arkatkar 6,25,766 2 M/s. Bajaj Electricals Limited, Mumbai Executive Engineer, Creek Development Projects, Drainage Department, Surat Dr. P V Timbadiya 5,06,162 2	2019-20
54 (7.0m wide and 1000m) at Bajaj Limited, Mumbai Dr. Rakesh Kumar 30,000 2 Campus, Mumbai Executive Engineer, Creek Development Creek Development Projects, Drainage Dr. P V Timbadiya 5,06,162 2	
Providing Third Party Inspection Creek Development (TPI) Service for the work of dredging and reclamation in Kankar Department, Surat Providing Third Party Inspection Creek Development Projects, Drainage Dr. P V Timbadiya 5,06,162 2	2019-20
Creek Ch. 0.0 m to 3750.0 m, Surat Municipal Corporation, Surat	
Mix Design of DBM-2 and BC-2 for the project "Upgradation of new National Highway No. 168 to two lane with paved side shoulder configuration between Km 0/0 to 41/300 & km 43/250 to 68/174 (design chainage) (Tharad-Dhanera-Panthawada Section) including improvement of section of existing road @chainage 41/300 to chainage 42/420 in the State of Gujarat On EPC Mode" MKC Infrastructure Ltd Shri. A J Solanki 1,00,000 2	2019-20
Technical Appraisal for Plastic Waste Management Center established in Surat City with SMC on PPP basis Technical Appraisal for Plastic Ecovision Environmental Resources LLP Dr. K D Yadav 2,00,000 2	2019-20
Providing TPI Services for Construction of New School Building in place of School No.253/196/194 at TPS No.07 (Anjana), F.P. No.98 paikee Anjana tenament in South East Zone (Limbayat), Surat Municipal Corporation South East Zone (Limbayat), Surat Municipal Corporation Dr. Krupesh A Chauha 2,00,000	2019-20
Consultancy Service to provide report based on site investigation of damaged approach flexible pavement and crash barrier of Kribhco Flyover 118+600 and rectified measures to make the pavement and structure safe for user. (Name of Work: Four/Six lanning of Gujarat/Maharastra Border Surat-Hazira Post section of NH-9 (Approx. Length 132.193 km) in the state of Gujarat under NHDP phase III through Public Private/Public Sector Partnership (PPP) on Design, Build, Finance, Operate and Transfer (DBFOT) basis	2019-20
Mix Design for the work of Consutruction of Flexible Pavement for various TP roads (18m, 24m) in T.P.S.48 Kholvad Village in Surat Urban Development Authority Area Mix Design for the work of Consutruction of Flexible Pavement Authority, Surat Urban Development Authority, Surat (Ws. Shivom Construction Pvt Itd.) Shri. A J Solanki 26,000	2019-20
Health Study/Liquification Dy, Chief Engineer (Civil) Prof. S R Gandhi 50,000 BTPS Bokaro	

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
62	Providing consultancy service for third party inspection (TPI) for the work of Construction of 112.50 Lacs litters capacity RCC under ground service reservoir (WDS-4) with booster house at T.P 82 (Dumas), F.P. No33 in South West (Athwa) Zone, Surat	Hydraulic Department, Surat Municipal Corporation, Surat	Dr. Dilip A Patel	2,65,400	2019-20
63	Providing Third Party Inspection (TPI) for the work of Providing & Laying RCC Drainage line network for Gabheni area in South (Udhna) Drainage Zone	Drainage Department, Surat Municipal Corporation, Surat	Dr. P G Agnihotri Dr. J N Patel	1,27,434	2019-20
64	Third party inspection (TPI) for the work of Construction of Flexible Two Lane Road Starting from chainage 0.00 mt at NH-48 Palsana-Kadodara service road ending to chainage 7390.00m at Kumbhariya-Devadh village road on right side of Udhana minor in Surat Urban Development Authority Area	Surat Urban Development Authority, Surat	Dr. S S Arkatkar	4,49,627	2019-20
65	Grading and Levelling work in operational area at DABH Airport, Indore (Sub Head Soil Investigation)	Airport Authority of India, DABH Airport, Indore	Dr. G J Joshi	4,75,000	2019-20

AFTER AMD & CED MERGER

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
1	Structural Assessment of Chokshi Texlen Pvt Ltd Block No. 211, Plot No. 4/ABC, Village-Karanj, Hariyal, ta-Mandvi, Dist-Surat	Chokshi Texlen Pvt Ltd	Dr. Y D Patil	1,00,000	2019-20
2	Consultancy Service for Visual Inspection and rezoning for damage for Guj. Agro Mega Food Park's Main exit road, Mangrol, Dist. Surat, Gujarat	Vijyalaxmi Gupta,	Dr. Rakeshkumar	35,000	2019-20
3	Condition Assessment of School Building	Dy. General Manager, Project Coordination Essar steel India Ltd, 27th km, Surat Hazira Road, Surat- 394270, Gujarat, India	Dr. C D Modhera	50,000	2019-20
4	Consultancy support for CIDCO project at two different locations (Bamandongri station & Taloja Sector-39) Navi Mumbai	Larsen & Turbo Limited	Dr. Satyajit Patel	4,20,000	2019-20
5	Design, Engineering of Equipment foundation & shed foundation for two site of ONGC, Ankleshwar Asset. (GGS & GCS- Motwan)	Anchor Offshore Services Ltd, Mumbai	Dr. A K Desai	1,00,000	2019-20
6	Proof checking services for various RE wall's at Palghar (1)Const. of ROB in lieu of LC 55 at km 143.00 on WR line on Chinchani Vangaon Ashagad Ambesari Road, SH-75 at km 8/200 Ta-Dahani, Dist-Palghar (2) Construction of ROB in Lieu of LC no.60 at DFC km 166/364.17 of Western Railway in between Dahani Road and Gholwad Rly. station on Village Road Chikhale to Narlipada Connecting to MSH-4 and MDR-6,	T&T Infra Ltd, Office No.1 to 5, A1, Vishnu Vinay Bibwewadi-Kondhwa Road, Market yard, Pune-411037	Dr. G R Vesmawala	75,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	ta-dahani, Dist-Palghar (3) Construction of Railway over bridge in lieu of L C 64 of Gholwad Road between block Gholwad to Umerganon, Name of Road Bordi Phata to Talasari M D R no. 3 at ch 2/200, Ta-Talasari, Dist-Palghar				
7	Mix design for 50 mm thick D.B.M as per Morth 5th Revision and for 40 mm thick B.C. as per Morth 5th Revision for the work of S.R. to Dayadra Nabipur Zhanor Road km. 0/0 to 21/60 (W/S 0/0 to 11/6 and 16/6 to 21/60) Ta: Bharuch, Dist. Bharuch	Deputy Executive Engineer, (R&B) Sub Div(Dist.), Bharuch (M/S. Sitaram Infraproject Pvt Itd)	Shri. A J Solanki	1,00,000	2019-20
8	Proof checking of design and drawing of (1)Construction of Divison Office Building(Rs.40K) (2) Staff Quarters for Executive Engineer(Rs.15K) (3)Staff Quarters for Dy. Executive Engineer(Rs. 15K) (4)Staff Quarters for S O(Rs.15K)	Executive Engineer, Ukai Left Bank Canal Inv. Div, Ankleshwar	Dr. G R Vesmawala	85,000	2019-20
9	Professional advice guidance on the structural design, drawings and works under the Superintending Engineer, (R&B), NH. Circle, Ananthapuram, Andhra Pradesh (Proof checking & vetting for various drawings of Road, Bridge, Retaining wall, RE wall, super structure, sub structure, culverts, VUP, PUP, LHS, Plan-profile, etc. (Rehabilitation and upgradation of new NH-544DD (old-sh-30) From km 56.00 to 102.220 (Ex/km 58.344 to Ex.105.400) of Kalyandurg-Molakalmuru (Till A.P/Karnataka Border) section to two lane with paved shoulders in the state of Andhra Pradesh)	Geo Design & Research(P) Ltd, Vadodara	Dr. G R Vesmwala	1,50,000	2019-20
10	Professional advice guidance on the structural design, drawing and works under Jodhpur Development Authority, Jodhpur proof checking & vetting for various drawings of Road, Bridge, Retaining wall, RE wall, super structure, sub structure, culverts, VUP, PUP, LHS, Planprofile, etc) (Elevated road from Krishi Mandi Circle to Akhaliya Circle Via Sojati Gate in Jodhpur	Geo Design & Research(P) Ltd, Vadodara	Dr. G R Vesmawala	5,00,000	2019-20
11	Professional advice and guidance on the structural modelling analysis, design, drawing and works under CE(CG), Goa and CE(Navy), Mumbai (1)413/19-20(Rs. 40K) Proven of family welfare center for DH-1 and units based mess for JCOS and OTM Accn at Porbandar (2)426/19-20 (Rs.25K) Daman Retaining wall (3)424/19-20(Rs. 80K) OTM ACCn at ICGS Dahanu under GE (1), (CG), Daman (4)427/19-20 (Rs.50K) Construction of New 30 Bedded Hospital at Naval Station Karania (5)432/18-19 (Rs.100K) Single living ACCN for EPS at ICGS Okha, Married ACCN for MES at ICGS Okha, CGKG School at	Geo Design & Research(P) Ltd, Vadodara	Dr. G R Vesmawala	2,95,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
12	CGDHQ-1, Porbandar Professional advice guidance on the structural design, drawing and works under dedicated freight corridor corporation ltd, Mumbai (proof checking and vetting for various drawings of Road, Bridge, Retaining wall, Re wall, Super structure, Culverts, VUP, PUP, LHS, Planprofile etc. (Seven ROBs between Vaitarna(Mumbai) to Surat Railway Stations of Mumbai Central Div of WR in the state of Maharashtra	Geo Design & Research(P) Ltd, Vadodara	Dr. G R Vesmawala	1,50,000	2019-20
13	Professional advice guidance on the structural design, drawings and works under Road & Building department, Gujarat(proof checking & vetting for various drawing of Road, Bridge, Wall, Super structure, sub structure, culverts, VUP, PUP, LHS, Plan-profile etc.) (Construction/Upgradation of Dhridungri Grasiyawada (km 00 to 12+338) section of VR.MDR & Construction/Rehabilitation of Lunawada-Garasiyawada(km 0+006 to 13+937) section of SH-63	Geo Design & Research(P) Ltd, Vadodara	Dr. G R Vesmawala	1,50,000	2019-20
14	Proof checking of Box pushing thrust bed for project at Rewari yard-road under bridge in Lieu of level crossing no.58-B	Shree Karnin Traders, Bikaner-334003(Rajasthan)	Dr. A K Desai	30,000	2019-20
15	Professional advice and guidance on the structural modelling analysis, design, drawings and works under CE, Allahabad, Jodhpur, CE, Vizag Surat (1)204/219-20 (Rs.15K) Reconstruction E-7,8,9 & 10 Billets for SNCO's at 17 Wing (Gorakhpur (2)205/2019-20(Rs.20K) Construction of ATC Building at AF Stn Bihta (3)408/19-20(Rs. 30K) Static test facility (STF) and Related infrastructure for CNA 1 at Bheemunipatnam (4)306/19-20 (Rs.30K) Provision of OTM Accn for 1FD WKSP Coy EME at Bhuj under HQ CE Jodhpur zone (5)504/19-20 (Rs.50K) structural design of new B Class stations of Kayavarohan & Baripurmandala with submission of general arrangement drawing, all detailed drawings structural design calculations and submission of approval of structural design	Geo Design & Research(P) Ltd, Vadodara	Dr. G R Vesmawala	1,45,000	2019-20
16	Consultancy Services for "Effective of Road Signs and Pavement Marking on Compliance & Use Behaviour	3M india Ltd	Dr. S S Arkatkar	6,35,175	2019-20
17	Condition Assessment of Kharel Section Signalar Quarters and Dy. Executive Engineer staff Quarters, Section officers staff quarters and Signaller quarters of Chikhli Irrigation div	Dy. Executive Engineer, Chikhli Irrigation sub Div, Chikhli	Dr. C D Modhera	80,000	2019-20
18	Proof checking of design and drawing of Mangaon RUB at Km 34/300 (span x3 x 24.4m+1x18.3 m composite welded girder, RDSO	Konkan Railway Corporation Ltd	Dr. A K Desai Dr. A M Parghi	65,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	standard) with 25T-2008 loading				
19	Structural stability Test of the Vidyalaya Building of Jawahar Navodaya (School building - Academic Block, Administrative Block, Staff Quarters-Type-II & III, Hostel Building, Overhead Tank	Principal, Jawahar Navodaya Vidyalaya, Borkhadi(PO), Bajipura, Tapi-Dist	Dr. G R Vesmawala	1,95,000	2019-20
20	Proof checking consultancy services of structural design for the construction of shaheed smark/Saurya Smarak and Peace Center at Draft TPS No.29(Vesu-Rundh-Magdalla) FP No. 70,113,118,126,136,139,143 (Phase-II) in south west (Athwa) Zone, SMC	Executive Engineer, Heritage Cell, SMC, Surat	Dr. G R Vesmawala	1,63,260	2019-20
21	Vetting of drawings pertaining to foundation detail drawing of CLO2 system (Chlorine Di Oxide System) at NTPC Kawas Gas Power Project	Vetting of drawings pertaining to foundation detail drawing of CLO2 system (Chlorine Di Oxide System) MIGS (TS), NTPC Ltd Dr. C D Modhera		1,50,000	2019-20
22	Proof consultancy services on Geotechnical Investigation(GTI) work of GHAVO-3&4 Project, Gorakhpur, Haryana for NPCIL	DBM Geotechnics & Construction Pvt Ltd, Mumbai	Dr. Satyajit Patel	3,50,000	2019-20
23	Measurement of pavement distress using image processing approach for Aeru char rasta to Amalsad Bilimora road K.M. 4/8 to 26/0 Dist. Navsari	sing approach for Navsari (R&B) Division, Dr. S S Arkatkar Navsari		2,15,392	2019-20
24	Condition assessment of factory building located at P No. 20 to 25, Survey No. 26, Village-Kharach	Mahadev Yarns Pvt Ltd, Surat	Dr. G R Vesmawala	1,60,000	2019-20
25	Review Engineering & Recommendation for foundation of civil works at 100 MW GIPCL, 100 MW, TPREL, Raghanesda & 250 MW TPREL Dholera, Gujarat	ion of _, 100		11,00,000	2019-20
26	Proof checking of design and drawing of construction of new office building (Sub Div Office) (G+1)	Executive Engineer, ULBC Div, Ankleshwar	Dr. G R Vesmawala	40,000	2019-20
27	Consultancy service for identification of pavement distresses and suggest improvement measures	Colourtex Industries Pvt Ltd, Surat	Dr. S S Arkatkar	5,00,000	2019-20
28	Expert opinion regarding ground improvement of Dream city road, Phase-I	I/c Town Planner, SMC & Dream City Ltd	Dr. J B Patel	50,000	2019-20
29	Proof checking of 3 x 6.0 x 4.47m RCC Box culvert and retaining wall for bridge no. 568A (all inclusive) at downstream of existing bridge No. 568A IR KM 381/19-21 (between ITOLA and Varnama station under ST-BRC section	checking of 3 x 6.0 x 4.47m Box culvert and retaining wall idge no. 568A (all inclusive) at stream of existing bridge No. IR KM 381/19-21 (between A and Varnama station under		50,000	2019-20
30	Vetting of structural designs & drawing for 10 MLD Project			2,75,000	2019-20
31	Expert opinion for use of OB dump cut spoils related to the proposed work of "shifting of Y-Curve siding at New location (i.e. passing through already excavated/non active area of Samleshwari OCP) of MCL	RITES ltd, Bhubaneshwar	Dr. Satyajit Patel	2,00,000	2019-20
32	Proof checking of consultancy serviced of structural design and drawing (1) Construction of 50 MLD Radial collector well and Anvilliary works in river tapi for SMC at TP-	Hydraulic Department, Surat Municipal Corporation, Surat	Dr. G R Vesmawala	10,88,207	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	58(Valak), FP-R-4 (Garden) on upstream side of outer ring road (2) 50 MLD radial collector well and ancillary works in river tapi for SMC at Varachha water works				
33	Proof checking of structural drawing and hydraulic drawing for the project "Augmentation of water supply at AF station Darjipura, Baroda	Venu Consultants, Ahmadabad	Dr. G R Vesmawala	1,00,000	2019-20
34	Proof checking of design and drawing for the construction of new RCC box culvert in west(Rander) zone area at Bhesan Canal Culvert Suda limit road (1)Sankalp Row house (with diversion (2) Near suda limit	Executive Engineer, Road Development Dept., Surat Municipal Corporation, Muglisara, Surat	Dr. G R Vesmawala	96,402	2019-20
35	Condition assessment of Adinath apartment building, Katargam, Surat	Adinath Apartment Survey No. 529, Lakshminagar Society, Katargam, Surat	Dr. C D Modhera	80,000	2019-20
36	Condition assessment of commercial building located at Com. Plot No. C7/92 at Vapi	Nagarsheth Chambers Co- op commercial service society ltd, Com plot no. C7/92, near Gunjan cinema, GIDC, Vapi- 396195	Dr. G R Vesmawala	1,50,000	2019-20
37	Structure Stability report of school building	President, Sahyog Vdyabhavan Trust, C/o Shaniniketan Vidyavihar, Palanpur Patia, Rander road, Surat	Dr. C D Modhera	50,000	2019-20
38	Proof checking of Design and Drawing of Pre Engineered Building/Shed, Office Building	M/s Sandip nanavati Construction LLP, Surat C/o Indian Oil Corporation, Vadodara	Dr. Y D Patil	1,25,000	2019-20
39	Providing feasibility report on provision of udhna auditorium at t p scheme no 01 (udhna-majura), fp no: 138, surat municipal corporation	Executive Engineer, Housing Department, surat municipal corporation, surat	DR CHETAN R PATEL 3,50,000		2019-20
40	Building safety certificates of vasishtha genesis school, cbse baben	director vaishtha gensis school bardoli	DR C D MODHERA	50,000	2019-20
41	Vetting of plinth structural design of construction of auditorium cum knowledge centre for film & television institute of india, pune	Executive Engineer (civil) civil construction wing, all india radio, prashar bharti pune-16	DR Y D PATIL	40,000	2019-20
42	Building safety certificates of (GSEB- gujrati medium) of shree vasishtha vidhyalaya block no: 377&380, village vav kamrej surat.	director vaishtha vidhyalaya school vav kamrej	DR Y D PATIL	50,000 2019-20	
43	Building safety certificates of (CBSE English medium) of shree vasishtha vidhyalaya, block no:377&380, village vav kamrej surat.	director vaishtha vidhyalaya school vav kamrej	DR Y D PATIL	50,000	2019-20
44	Vetting of consultancy services for design evalution analysis & preparation of detailed structural drawing for 5 med reg at jaisalmer under cheif engineer, jodhpur zone	s kumar (architect and engineers) h no:3-13/33, 1 st floor madhura nagar Andhra bank ramantapur Hyderabad	DR G R VESMAWALA	60,000	2019-20
45	Consultancy services for opinion on removal of separator from Bhesan treatment plant to Hazira road Haveli temple (30 mt. wide Gaurav Path) considering traffic flow, conducting traffic survey and required survey in area of West (Rander) Zone of S.M.C., Surat	Road Development Department, Surat Municipal Corporation, Surat	Dr. S S Arkatkar	25,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
46	Detail site investigation and physical structural condition assessment of the government damaged residential building under irrigation division, block No. 13 to 16 (16 Units) at Athwalines, Narmad Nagar, Surat	Dy. Executive Engineer, Surat Canal Sub Div No.1, Surat	Dr. A M Pargi	3,20,000	2019-20
47	Consultancy Service/Design for cement concrete road in Vrushal Nagar Society at T.P.S. No.18 (Katargam), F.P. No. 123 in North Zone (Katargam), Surat	North Zone(Katargam), Surat Municipal Corporation, Surat	Dr. G J Joshi	25,000	2019-20
48	Visual inspection and condition assessment report for RCC O H Water tank situated at A G staffs quarters colony at Rajkot	Executive Engineer, Rajkot Central Div, Central Public Works Department, Kothi Compound, Rajkot, Gujarat-360001	Dr. C D Modhera	1,25,000	2019-20
49	Proof checking of Proposed PEB shed at Madhya Pradesh	New life steel structures, Unit No. 1308, 13th floor, "Ecostar", Dhanesh Compound, sir Vishweshar nagar, Off Aarey Rd., Goregaon(East), Mumbai, Maharashtra-400063	Dr. Y D Patil	50,000	2019-20
50	Recommendation of suitable retaining structure & Embankment slope protection work based on Geotechnical Parameter (Construction of missing link Single lane in Lahkpat-Gaduli-Odma-Khavada-Dholavira-Mauvana-Gadabet-Santalpur Road newly declared NH-754K) in state of Gujarat on EPC Mode	MKC Infrastructure Ltd, "MKC House", 10 Shiv nagar, Anjar Ring Road, Opp:Gulab Mill, Anjar- Kutch-370110	Dr. Shailendra Kumar	60,000	2019-20
51	Third party inspection service for providing and laying RCC storm drainage line on 18.00 Mtr. Wide connecting road to D.T.P.S No. 61(Parvat-Magob) and on 12.00 Mtr. Wide T.P. Road from F.P. No.48 to F.P. No.70/A in D.T.P.S. No. 61 (Parvat-Godadara) in South East Zone(Limabayat) in Surat Municipal Corporation	South East Zone (Limbayat), surat Municipal Corporation	Dr. P G Agnihotri	1,10,000	2019-20
52	Providing Third Party Inspection(TPI) services for construction of Library building at TPS No.40(Limbayat-Dindoli), F.P. No.88, R-28 in South East Zone (Limbayat), Surat	South East Zone (Limbayat), surat Municipal Corporation	Dr. S M Yadav	3,00,000	2019-20
53	Third Party Inspection (TPI) service for Carpeting/Recarpeting of roads by contractor's own Batch mix type hot mix plant to be installed within Surat city limit and paver finisher and other allied works including construction of footpath, divider & providing traffic safety measures etc. for road having width below 24.0 mt. (TP & Non TP road) (80) falling in old East (Varachha) Zone-A jurisdiction of surat city. (Works No.6)	Old East (Varachha) Zone- A, Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	2,39,090	2019-20
54	To carry out FWD Test on widening and strengthening of Himmatnagar, llok-Davad-Deshotar Road, km0/00 to 15/00	GPC Infrastrucure Pvt Ltd 4, Vrajbhumi, Opp Kuvarba School, Banas Dairy road, Palanpur-385001, Dist- Banaskatha	Dr. Satyajit Patel	50,000	2019-20
55	Proof consultancy for hydraulic and electro mechanical items of 10 MLD	S.R.R Projects pvt ltd. (APIICL)	Dr. P V Timbadiya	1,50,000	2019-20

Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
	water treatment plant				
56	Traffic survey and feasibility report for foot over bridge at Delhi gate to textile market road before flyover bridge near Kalash circle, Ring road, Surat	Traffic Cell, Surat Municipal Corporation, Surat	Dr. Ashish Dhamaniya	75,000	2019-20
57	Third party inspection services for the construction of Urban health center near Variyav UCD center at T.P. 36 (Variyav), F.P. 42/paikee in West zone (Rander), Surat	West Zone, Surat Municipal Corporation	Dr. Krupesh A Chauhan	63,156	2019-20
58	Consultancy service for survey and design of Ambatalavadi intersection near Ankur vidhyalaya on Gajera road in area of North Zone (Katargam), Surat	North Zone(Katargam), Surat Municipal Corporation, Surat	Dr. G J Joshi	6,00,000	2019-20
59	Preparation of DPR(Designing, Vetting and Estimation) of Mandoni drinking water supply scheme (Intake to WTP & distribution system along all the connecting roads) in Mandoni patelad	Executive Engineer, PWD., Civil Div No.III , Dadra and Nagar Haveli, Silvassa	Dr. K D Yadav	3% of Estimated Cost	2019-20
60	Consultancy Service for conducting road safety audit of roads under Andaman public works department	Executive Engineer, South Andaman Div, APWD, Port Blair	Dr. S S Arkatkar Dr. G J Joshi Dr. Ashish Dhamaniya	46,20,000	2019-20
61	Hydrodynamic modeling of dredging and channelization works for flood and erosion protection of village Amwakhas located on the right bank of river Gandak in district Kushinagar	Executive Engineer, Barrage Mechanical Maintenance Div, Kanpur	Dr. S M Yadav	4,00,000	2019-20
62	Third party inspection for redevelopment of 'Shyamprasad Mukharji Udhyan' Lake-garden, Kasanagar at RS NO.304/A/1 in North Zone (Katargam) area, Surat	Garden Project Cell, Surat Municipal Corporation, Surat	Dr. Krupesh A Chauhan	1,14,375	2019-20
63	Cl02 Civil drawing approval work for NTPC Jhanor plant (Proof checking of design and drawing)	DGM (Tech Services) NTPC Ltd, Jhanor	Dr. Y D Patil	2,70,000	2019-20
64	To design dream city road NH-53 junction and sought approach permission from national highway authority of India	Diamond Research and Mercantile city limited (Dream City ltd)	Dr. S S Arkatkar	2,00,000	2019-20
65	Visual Inspection and Condition Assessment Report on Building Category Type-A (1 to 24), B-1 (25- 36) and C (13 to 24), Residential Quarters, Navsari Agricultural University, Navsari District.	Navsari Agriculture University, Navsari	Dr. C H Solanki	H Solanki 60,000 2019	
66	Regarding conduction of F.W.D. Test on Sankarda Bhaadra - Savli Road km 0/0 to 21/04	District (R & B) Division, Vadodara	Dr. Satyajit Patel	1,66,000	2019-20
67	Vetting of Geotechnical Report for 14 location of Bina Panki Pipeline Project	Theodesh Consultants, Vadodara	Dr. S J Shukla	60,000	2019-20

CHEMICAL ENGINEERING DEPARTMENT					
Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
1	Development of laboratory scale catalytic process for the synthesis of Aether's Molecule	Aether elementally Innovative	Prof Jigish Parikh Dr. Meghal Desai	6,00,000	2019-20
2	Process analysis and improvement in various stages (Stage I and Stage II) as identified by the industry	Sahajanand Medical Technologies Pvt Ltd(SMT)	Dr. Meghalkumar A Desai	6,00,000	2019-20

	ELECTRONICS ENGINEERING DEPARTMENT					
Sr. No.	Total Project Amount (Rs.)	Year				
1	Collaborative research project by Industry-academia MOU	SCMXpert, USA	Dr. Upena Dalal Dr. Shweta Shah Dr. Sankita patel	2,00,000	2019-20	
2	Consultancy Work	Surat Municipal Corporation	Dr. A D Darji	1,32,000	2019-20	

	ELECTRICAL ENGINEERING DEPARTMENT					
Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year	
1	Evalution, Guidance and approval for electrical and instrument drawing and documents	Hitek Engineering Service	Dr. Rakesh Maurya	75,000	2019-20	
2	Document Varification of EPC	EPC Construction India Ltd	Dr. Hiren G Patel	26,000	2019-20	
3	Third Party Inspection consultancy services for consultancy project Supplying, Erecting, Testing and commissioning of LED street light at Veer Narmad South Gujarat University	Veer Narmad South Gujarat University	Dr. Prashant Kunda	61,800	2019-20	
4	Document Varification for SAGAD- HINOTIYA MALI MALTI VILLAGE RURAL SUPPLY SCHEME	ADPTIVE Engg. Pvt. Ltd	Dr. Hiren G Patel	50,000	2019-20	

MECHANICAL ENGINEERING DEPARTMENT					
Sr. No.	Title of the Consultancy Assignment	Name of the firm soliciting consultancy from SVNIT	Name of PC & affiliating Departments	Total Project Amount (Rs.)	Year
1	Theoretical calculation of power rating i.e. capacity evaluation of bulldozer BD-155	Madhav enterprise , Ankleshwar	Dr S A Channiwala	15,000	2019-20
2	Theoretical calculation of power rating i.e. capacity evaluation of bulldozer BD-155	D H PATEL ENGINEERING & CONTRACTOR - 2019-20	Dr S A Channiwala	15,000	2019-20
3	Design Proof Checking & TPI Service for Aquatic-weeding machine (Qty- 2 Nos.)	SMC Surat, Deputy Engineering, Workshop	Dr. K P Desai Dr. P V Bhale Dr. R D Shah Dr. S Kumar	8,15,616	2019-20
4	Analysis & Performance and Maintenance 1.0 MWE Sewage Treatment Plant at Singanpore	Drainage Department, Surat Municipal Corporation	Dr. S A Channiwala	50,000	2019-20
5	Vetting for Design of EOT Cranes	Safex Industries Limited	Dr. H B Mehta	50,000	2019-20
6	Evalution of performance of BGPP & fact finding & making suggestions at Bhatar STP	Surat Municipal Corporation- Drainage Department	Dr. S A Channiwala	1,50,000	2019-20
7	Verification of Sweeping Service Machine as Per Tender Document and Condition of Surat Municipal Corporation	M/s Global Waste Management Cell Pvt Ltd, Mumbai	Dr. A A Shaikh	50,000	2019-20

TESTING DETAILS:

Routine testing charges like Soil testing, chemical testing,	Rs. 55,22,459.00
Cement Testing, ACC block testing, Water Testing etc.	140. 00,22,100.00

8.0 ALUMNI AND RESOURCE GENERATION

Total eight Managing Committee meetings and one Annual General Meeting of SVNIT-Surat Alumni Association (SVNIT-Surat AA) held during the period under report. SVNIT-Surat AA received Rs.9,22,548/- as advertisement, Donation and Sponsorship during the period under report. The SVNIT-AA distributed Rs.1,50,000/- to needy students of the institute. The SVNIT-Surat AA donated Rs. 10 Lakhs to the Institute to provide facility of Volley Ball Court and Cricket pitch for the students of SVNIT. During COVID-2019, the SVNIT-Surat AA donated Rs.1,00,000/- to PM CARE, Rs.50,000/- to Gujarat Chief Minister Fund and Rs.50,000/- to Surat Municipal Corporation and sponsored the lunch to about 1000 needy people for ten days.



17th Annual Alumni Meet - 2019

During the aforesaid period following programmes were arranged at SVNIT-Surat.

- Leadership Summit on December 27, 2019
- Annual Alumni Reunion & Convention of All batches on December 28, 2019
- Jubilee celebrations of individual batches December 29, 2019
- Medals (Gold, Silver, Bronze) & certificates to 2018 & 2019 Passout students
- Sponsored the All India NIT Conference titled THINK INDIA at SVNIT Surat in the Sept. 2019
- Ace Alumnus Awards- 2019 by SVNIT-Surat AA
- Distinguished Alumni Awards 2018-2019 by SVNIT-Surat to following Alumni:
 - 1) Mr. Anshul Kothari (Computer Engineering- 2012)
 - 2) Dr. Bharat P Jain (Civil Engineering- 1976)
 - 3) Mr. Anand Desai (Mechanical Engineering-1996)
 - 4) Mr. Ganesh K. Iyer (Mechanical Engineering- 1987)
 - 5) Mr. Jatin Dalal (Mechanical Engineering-1996)
 - 6) Mr. Rajesh Navinchandra Shah (Electronics and Communication Engineering- 1988)
 - 7) Mr. Sunil Kumar (Electronics and Communication Engineering-1988)



17th Annual Alumni Meet – 2019

9.0 STUDENTS' AMENITIES AND ACTIVITIES:

9.1 Students' Council

The Student's Council of SVNIT constitutes various committees with student coordinators and faculty advisor to provide ample opportunities for student experience in leadership and encourage student/faculty/community relations. The main objective of student's council is to initiate, implement and complete meaningful and purpose oriented activities. Online student's council election and Hostel election for academic year 2019 - 2020 was conducted on September 27th,2019. The general election was held for the various positions in the Executive Wing(EW), Student Academic Council(SAC) and Hostel Council. The Speaker is the presiding officer on the floor of SAC and is elected by the councillors of SAC. An approximate budget of expenditure for conducting various activities under Student's Council is approved by Director in consultation with Dean(SW). The Chairman and Co-chairman as the Faculty Advisor for the smooth conduction of all the activities under student's Council are recommended amongst Faculties of various departments by Dean(SW) for the necessary approval by the Director. All the activities under Student's Council are then conducted by the respective Student Co-ordinators recommended by the appointed Chairman/Co-Chairman. The executive and various committees of student's council for the academic year 2019 - 2020 are as under.

Executive Wings (EW) 2019-20

Sr. No.	Roll Number	Candidate Name	Affilia Coorotoni
1	U16CH074	Akbari Sharadkumar Mansukhbhai	Academic Affairs Secretary
2	U16ME219	Jain Gaurav Nileshkumar	Alumni Training Placement Affairs Secretary
3	U16ME016	Shah Manthan Hemantkumar	Co- Curricular affairs Secretary
	U16CH058	Shashank Tripathi	Hostel Affairs Secretary
5	U16ME038	Saravanan	Research Innovation Affairs Secretary
	LIA ONA FORA	Anmol Surendra Jain	Sports Secretary
<u>6</u> 7	U16ME214 U16CE008	Shubham Meena	Student General Secretary

Students Academic Affairs (SAC) (2019-20)

Day Scholars Representative : (01 Post)

Sr. No.	Roll Number	Candidate Name	
1	U17ME172	Savani Dixitkumar Rajeshbhai	Day Scholars Representative

B. Tech Branch Councilor: (01 from Each Branch)

Sr.	Roll	Candidate Name	1
No.	Number_	Alli bii Dharathhai	B. Tech Branch Councilor
1	U17CE032	Kakadiya Nikhil Bharatbhai	B. Tech Branch Councilor
2	U17CH014	Pandya Dwij Atulkumar	B. Tech Branch Councilor
3	U17CO026	Kokane Rahul Prakash	B. Tech Branch Councilor
4	U17EC115	Harshwardhan Ashish Bhangale	B. Tech Branch Councilor
5	U17EE069	Prateek Kumar	B. Tech Branch Councilor
6	U17ME106	Singh Rajatkumar Amarendranath	B. Tech Branch Country

B. Tech Class Councilor (First Year): (03 Posts)

Roll Number	Candidate Name	
U19ME117	Prajapati Mihir Dinesh	B. Tech Class Councilor
U19EC146	Boda Rohan	(First Year) B. Tech Class Councilor
U19EC059	Katariya dharmeshkumar n.	(First Year) B. Tech Class Councilor (First Year)
	Number U19ME117 U19EC146	Number Candidate Name U19ME117 Prajapati Mihir Dinesh U19EC146 Boda Rohan

M.Sc. 1st Year Councilor: (01 Post)

Sr. No.	Roll Number	Candidate Name	,
1	I19PH049	Manish Kumar	M. Sc 1st Year Councilor

M.Sc. 2nd to 3th Year Councilor: (02 Post)

C.,			•
Sr. No.	Roll Number	Candidate Name	
1	116PH002	Thakkar Parth Nitinkumar	M. Sc 2 to 5 Year Councilor
2	<u> 117MA010</u>	Tole Rutvij Prashant	M. Sc 2 to 5 Year Councilor

M.Tech. 1st Year Councilor: (03 Post)

Sr. No.	Roll Number	Candidate Name	
_ 1	P19EL006	SATHRI JASWANTH DANIEL	14 7 1 4 4 1 4
2	P19ST013	NISHANTH H S	M. Tech 1st Year Councilor
3	P19ST018	ARATI SANJAY GAIKWAD	M. Tech 1st Year Councilor M. Tech 1st Year Councilor

M.Tech. 2nd Year Councilor: (03 Post)

Dell.		(33, 334)
Number	Candidate Name	
P18ST006	Chhavani Romit Javeshbhai	M Took O. IV
P18TD015		M. Tech 2nd Year Councilor
		M. Tech 2nd Year Councilor
	P18ST006	Number Candidate Name P18ST006 Chhayani Romit Jayeshbhai

Ph.D. Councilors from the Engineering Program: (02 Post)

Sr. No.	Roll Number	Candidate Name	
1	D16ME002	Sanjay Kumar Patel	PHD Councilors from the
2			Engineering Prg.

Ph.D. Councilors from Science & Humanities Program : (01 Post)

Sr. No.	Roll Number	Candidate Name	
1	D16MA003	Rishikesh Yadav	PHD Councilors from Science
	<u> </u>		& Humna.

9.2 HOSTELS:

Hostel section of the institute is established to deal with the matters related to accommodation, food and general wellbeing of the students. Presently, the Institute Campus has 06 boy's hostel, 01 girl's hostel, 1 family hostel and 01 hostel guest house, which provide accommodation to about 4174 students. The activities of hostels are managed by the Council of Wardens (COWs) which includes thirteen Chief Wardens, Associate Dean student welfare (UG), Associate Dean student welfare (PG)(Co-chairman Cows) and Dean student welfare (Chairman Cows).

Online Hostel admission is implemented successfully for II year onward since last four years. Student can book their room of their own choice after the online payment of hostel fees from any part of the world. Before the hostel admission to I year students a parent meeting with council of warden is regularly being scheduled. In the meeting details of the hostels, facilities in the hostels, awareness of rules & regulations of the hostels are made among the parents & students. Also, important academic rules are also informed to the parents & students. Presently accommodation is also given to IIIT, Surat students. However, looking into the increase of number of students from the current year, Hostel section will initiate and consult the authority for necessary steps to be taken for fruitful solution.

Hostel inmates organise various events which includes celebrations of various festival like Janmashtmi, Ganesh festival, Navratri, Sarasrvati Pooja, Maha-Shivratri and Ramnavmi etc. Hostel section provides financial support to events like Kashis/Abhinandan (first year welcome programme), Dasvidaniya (Final year fare well), sports events like Night cricket tournament (MMNCT), volley ball, football etc.

HOSTEL SET-UP AND ACCOMODATION

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

Sr.	Hostel Name	Hostel Type
1	Bhabha Bhavan	Boys
2	Gajjar Bhavan	Boys
3	Tagore Bhavan	Boys
4	Nehru Bhavan	Boys
	Raman Bhavan	Boys
5	Swami Vivekanand Bhavan	Boys
<u>6</u> 7	Sarabhai Bhavan	Boys
<u> </u>	Mother Teresa Bhavan	Girls
<u>8</u>	Narmad Bhavan	Hostel Guest House

Hostel Management Committee (HMC)

Hostel management in all hostels are 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
-	Mess Secretary	8.	Student Welfare Secretary
3.		9.	Environment Secretary
4.	Magazine Secretary	 "	
5.	Sports Secretary	<u>. </u>	

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

Council of Wardens (CoWs)

1	Dr. V. H. Pradhan	Chairman Doop Student M. 15
2	Dr. Hiren G. Patel	Chairman, Dean, Students Welfare Asso. Dean Student Welfare (PG)
3	Dr. Ravi Kant	(Co-Chairman, COW) Asso. Dean Student Welfare (UG)
5	Dr. Ashish Dhamaniya Dr. Rakesh Maurya	Chief Warden, Narmad Bhavan Chief Warden, Sarabhai Bhavan
6	Dr. Beena Baloni	Chief Warden, Raman Bhavan
8	Dr. Suresh Kumar Dr. A.K. Jana	Chief Warden, Nehru Bhayan
9	Dr. Sanjay R. Patel	Chief Warden, Tagore Bhavan Chief Warden, Swami Vivekanand Bhavan
<u>10</u> 11	Dr. G.C. Jadeja Shri Mehul Patel	Chief Warden, Swami Vivekanand Bhavan
12	Shri Amit J. Solanki	Chief Warden, Gajjar Bhavan Chief Warden, Gajjar Bhavan
13 14	Dr. Abhilash Mandloi Dr. Y.A. Sonvane	Chief Warden, Bhabha Bhavan
15	Dr. Jignasa Gohel	Chief Warden, Bhabha Bhavan
16	Dr. Khyati Mistry	Chief Warden, Mother Teresa Bhavan Chief Warden, Mother Teresa Bhavan

HOSTEL WISE OCCUPANCY-2019-20

Sr. No.	Name of Hostel	Year	Room	Capacity	Total Students
1	Bhabha Bhavan	B.Tech-II & III Ph. D IIIT- II & III	454	908	810
2	Gajjar Bhavan	B. Tech-I, IIIT-I M. Sc-I, M. Tech-I & II Ph. D	588	588	994
3	Sarabhai Bhavan	M. Tech-I, Ph. D	132	264	236
4	Tagore Bhavan	IIIT-II & III M.SC-II, Project Ph. D	192	192	193
5	Nehru Bhavan	M. Sc-II & III M. Sc-IV, Ph. D	204	204	187
6	Raman Bhavan	PhD (Family)	94	94	
7	Swami Vivekanand Bhavan	B.Tech-III & IV T.A, M.SC-V	950	950	93 926
8	Mother Teresa Bhavan (Girls Hostel)	B.Tech-I to IV IIIT-I to III M.Tech-I & II M.Sc-I to V PhD, T.A	800	800	735
		Total	3414	4000	4174

9.3 Students Activity Center

Student Activity Center organizes and manages sports, co-curricular and extracurricular activities for students and staff. Games and sports play vital role in holistic development of an individual's personality and enable him or her to cope up with challenges of life. Physical Education Section puts sincere efforts to encourage students for participate in various sports events.

Following activities were governed by Physical Education Section during the year 2019-20.

- Theory and practical classes of Holistic empowerment and human values for 1st year students.
- Intra mural Sports Tournaments for first year B. Tech and M. Sc. students (Badminton).
- Intra mural Sports Tournaments for all students and staff.
- Manoj Memorial Night Cricket tournament (Association with Hostel section).
- Inter year Badminton tournament.
- Mini marathon race for the students and staff on the day of 31st October "Rashtriya Ekta Divas" (Birth anniversary of Lt. Sardar Vallabhbhai Patel).
- Coaching camp for various games (Athletic, Badminton, Basketball, Cricket, Football, Volleyball, Handball, Kho-Kho, Kabaddi, Swimming and yoga).
- Yoga Week.
- One week orientation program for first year students in association with hostel section.
- Participation in Sports Tournament 2019-20.
- Inter NIT Sports Tournaments 2019-20.



Students of SVNIT at All India Inter NIT Chess (M&W), Weight Lifting, Power Lifting, Best Physique and Lawn Tennis (M&W) Tournament hosted by NIT Jaipur at closing ceremony of the tournament.



(2019-20)

SVNIT Athletic team at All India Inter NIT Athletic meet at Rourkela



All India Inter NIT Badminton Tournament 2019-20 at SVNIT Surat.



All India Inter NIT Cricket Tournament 2019-20 at SVNIT Surat



Faculties and Staff Tournament 2019-20

9.4 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. 12 th 10000/- per year		Not Specified	60
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	41
3.	Food bill assistant to SC students	Rs. 1200/- P.M.	Not Specified	27
4.	Instrument help to SC students (Eligible for studying in first year)	Rs.5000/- entire course	Not Specified	02
5.	Umbrella Scheme for education of ST students Post Metric Scholarship	Rs.550/- P.M. for Day Scholars and Rs.1200/- P.M. for Hostellers Tuition Fees & Other Fees	Not Specified	14
6.	Food bill assistant in college attached hostel students	Rs. 1200/- P.M.	Not Specified	10
7.	Scholarships scheme for other backward classes Post SSC scheme Rs.350/- P.M. for Day Scholars and Rs.750/- P.M. for Hostellers Rs.290/- P.A. Exam Fees		Not specified	13
8.	Food bill assistance	Rs. 1200/- P.M	Not specified	06
9.	Full fee and other non-refundable charges. Lodging & boarding charges at the rate of Rs.2200 p.m. per students or the actual whichever is less. Books & 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, and Multimedia etc. limited to Rs.45000 per students for the entire course of study.		10	59
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.2200 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,	Not specified	44

Sr. No.	Name of the Scholarship	No. of scholarships available at the college	No. of scholar- ships awarded	
		Printer, and Multimedia etc. limited to Rs.45000 per students for the entire course of study.		***
11.	Merit cum Means based scholarship to students belong to minority community	Full course fees & maintenance allowance for 10 months Rs.1000/- per month for hosteller and Rs.500/- per month for day scholar	Not specified	10
12.	National Talent Search Scheme Scholarship	Rs. 6000/- Per Annum	Not specified	01
13.	Chief Minister Scholarship Scheme for Gujarat State (Guj)	50% of tuition fees	Not specified	01
14.	Mukhyamantri Yuva Swavlamban Yojna (MYSY) (GUJ)	50% of tuition fees& Book, Equipment in entire course @ 5000/- and Lodging & Boarding @1200 P.M. for 10 month in a year	Not specified	47
15.	Engineers India Ltd. Scholarship for SC/ST students	Rs. 3000/- p.m.	Not specified	02
16.	Inspire Scholarship for UG science students	Rs5000/- p.m. & 20000 P.A. reimbursement for expenses towards academic research	80000	08
17.	Foundation for Academic Excellence & Access (FAEA)(BHEL-5)	Financial support for tuition fees, hostel fees, mess book as per scholarship norms	Not specified	01
18.	Post Matric Scholarship for students with disabilities	Rate of Maintenance allowance 1600/- P.M. Hosteller 750/- P.M. Day scholars Disability allowance, Reimbursement of compulsory non-refundable fees, Book allowance Rs. 1500/- per annum	Not specified	07
19.	P. M. Scholarship Scheme for Central Armed Police Forces & Assam Rifles Ministry of Home Affairs	Rs.2250/- per month for girls Rs.2000/- per month for boys (to be paid annually after selection @Rs.27000/- to each girl & Rs. 24000/- to each boy	Not specified	06
20.	PMSS for Ministry of Railway	Rs.2250/- per month for female Rs.2000/- per month for male	150	01
21.	Mukhya Mantri Medhavi Vidhyathi Yojna (M.P.)	full tuition fees	Not specified	12
22.	OP JEMS, O.P. Jindal Engg & Management scholarship	Financial Asst	Not specified	05
23.	Swami Dayanand Edu. Foundation Scholarship	Financial Asst	Not Specified	07
24.	Samsung Star Scholar	Subsidy on fees, Hostel fees and mess bill up to 2 lakhs	Not Specified	04
25.	PMSSS scholarship for J & K students	Academic fees up to 1.25 lakh Uniformly Rs. 1.00 lakh	Not Specified	01
		Post Graduate	r	
1.	M.E./ M.Tech / MS/ M.Design and GATE/GPAT qualified Assistanceship/ Scholarship/ Fellowship	12400/- P.M. (Bothe 1 st & 2 nd year) and 5 th year of Dual Degree Programmes)	Not specified	579
		Ph.D	T	r
1.	JUNIOR RESEARCH FELLOW (JRF) Post Graduate Degree in Basic Science with NET/ Gate qualification or Post	31000/-P.M.	Not specified	155
2.	graduate degree in Profession Courses. SENIOR RESEARCH FELLOW (SRF)	35000/- P.M.	Not specified	132
3	Visvesvaraya PhD Scheme for Electronics & IT under the Department of Electronics and Information Technology (DeitY), Ministry of Communication and Information Technology, Govt. of India	Fellowship @ Rs. 38750/- P.M. (1 st & 2 nd year) @ Rs. 43750/- P.M. (3 rd year & 4 th year) Rs. 30000/- contingency per annum	2 full time	05
4	INSPIRE fellowship under AORC Scheme of "Innovation in Science Pursuit for Inspired Research(INSPIRE)" Program of Department of Science and Technology (DST), Technology, Bhawan, New Mehrauli Road, New Delhi	Fellowship @ Rs. 31000/- P.M. Stipend per month (1st & 2nd year) @ 35000/- P.M. stipend per month (3nd year and remaining tenure) Rs.20000/- contingency per annum HRA	Not specified	03

Sr. No.	Name of the Scholarship	Value of Scholarship	No. of scholarships available at the college	No. of scholar- ships awarded
		Govt. of India		
5	Scheme of UGC	Fellowship @ Rs.25000/- P.M. for initial two year JRF @ 28000/- P.M. for the remaining tenure (SRF) Contingency @ Rs. 12000/- P.A. for initial two year @ Rs. 25000/- P.A. for remaining tenure HRA As per Govt. of India	Not specified	02
6.	Rajiv Ghandhi National Fellowship for SC candidates	Fellowship @ Rs.25000/- P.M. for initial two year JRF @ 28000/- P.M. for the remaining tenure (SRF) Contingency @ Rs. 12000/- P.A. for initial two year @ Rs. 25000/- P.A. for remaining tenure HRA As per University/Institute	Not specified	04

9.5 Institute Medals

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

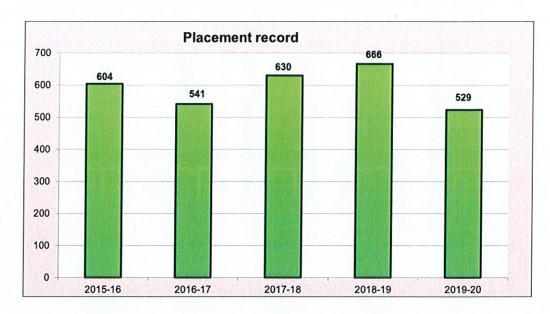
(L) "Mr. Nishit Vijay Sampat Memorial Cash Prize Rs. 2000/-" sponsored by Mrs. Chandrakala K. Morparia, Mumbal to the Topper of Mechanical Engineering.

9.6 Placement Activities

SVNIT offers Six under Graduate (B.Tech.), Seventeen Post Graduate (M.Tech.) and Three M.Sc. Integrated courses (Chemistry, Physics & Mathematics) to the students. The Training & Placement Section (T&P) helps the students' community to get the placement in various public and private sector organizations by arranging the campus interviews. The invitations in this regards were sent to different organizations. Following are the relevant information as ready reference.

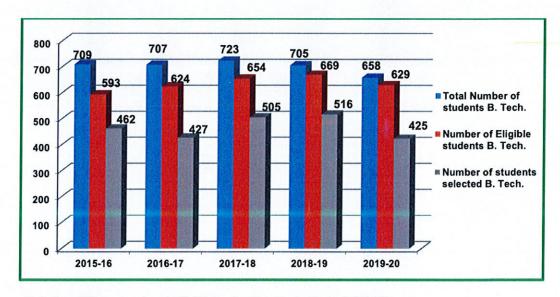
B. Tech. Placement										
Particulars	2015-16	2016-17	2017-18	2018-19	2019-20					
Total No. of Students	709	707	723	705	658					
No. of Eligible Students	593	624	654	669	629					
No. of Students Selected	462	427	505	516	425					
Placement Percentage Vs. total students	65.16	60.39	69.84	73.19	64.58					
Placement Percentage Vs. eligible students	77.90	68.42	77.21	77.13	67.56					
Salary Package (Average)	5.71	5.78	6.72	6.8	7.48					
	M. Tech	. Placemer	nt							
Particulars	2015-16	2016-17	2017-18	2018-19	2019-20					
Total No. of Students	314	262	282	268	254					
No. of Eligible Students	297	233	263	260	242					
No. of Students Selected	136	102 110		106	79					
Placement Percentage Vs. total students	43.31	38.93	39.00	39.55	31.10					
Placement Percentage Vs. Eligible students	45.79	43.77	41.82	40.76	32.64					
Salary Package (Average)	4.44	5.36 5.16		5	6.01					
	M. Sc.	Placement	<u> </u>	L						
Particulars	2015-16	2016-17	2017-18	2018-19	2019-20					
Total No. of Students	39	55	59	135	95					
No. of Eligible Students	32	44	56	127	90					
No. of Students Selected	6	12	15	38	21					
Placement Percentage Vs. total students	15.38	21.81	25.42	28.14	22.10					
Placement Percentage Vs. Eligible students	18.75	27.27	26.78	29.92	23.33					
Salary Package (Average)	4.08	5.35	4.46	4.5	6.26					

Placement Record 2019-20:



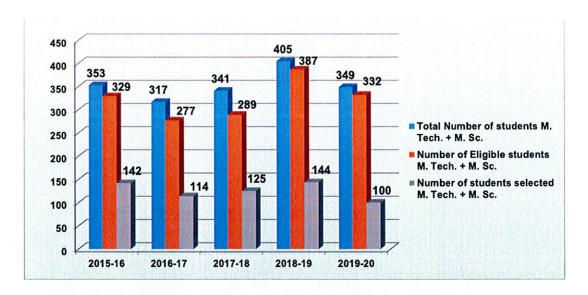
Details of Placements of UG (B.Tech.) students 2019-20:

Particulars	2015-16	2016-17	2017-18	2018-19	2019-20
Total Number of students	709	707	723	705	658
Number of Eligible students	593	624	654	669	629
Number of students selected	462	427	505	516	425

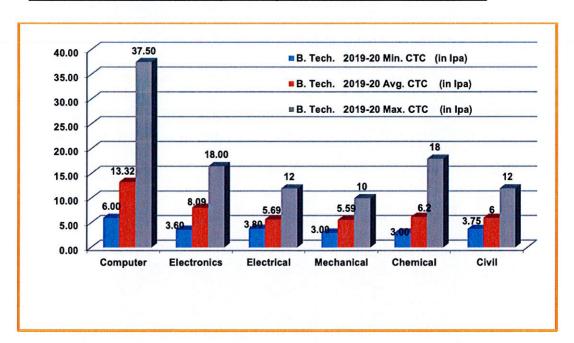


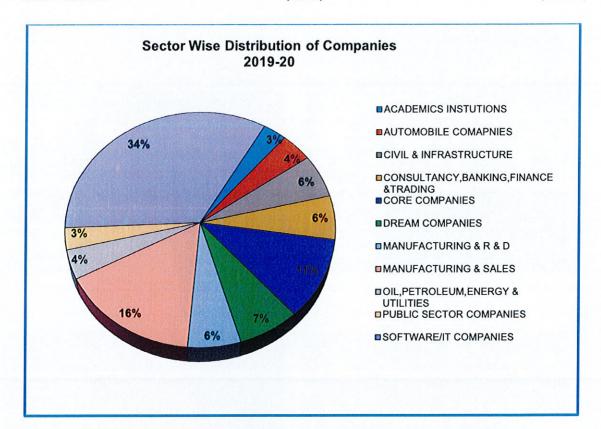
Details of Placements of PG (M.Tech.+Msc.) students 2019-20:

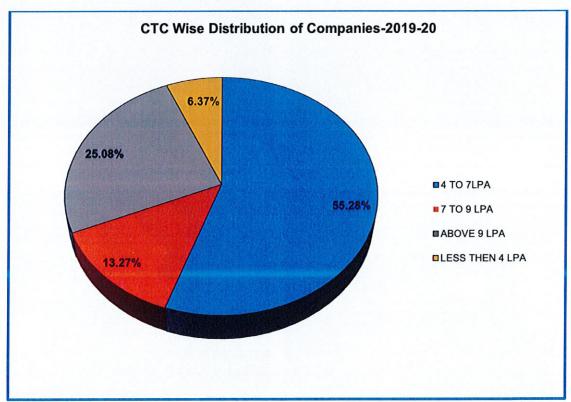
Particulars	2015-16	2016-17	2017-18	2018-19	2019-20
Total Number of students	353	317	341	405	349
Number of Eligible students	329	277	289	387	342
Number of students selected	133	114	125	144+ 6 Phd.	100 + 4 Phd



> Maximum, Minimum Average Salary of B.Tech students 2019-20:



















Glimpses of placement activities

10 CENTRAL FACILITIES

10.1 Central Computer Center

Central Computer Centre, one of the premium Central Learning Resource Centre of the Institute was established in 1995. It is the heart of computing resource of the institute as well as kernel of the internet connectivity of the institute. The Central Computer Centre (CCC) primarily caters to the Internet access requirements throughout the institute as well as Campus-wide network connectivity throughout the campus (including academic & administration departments, hostels, staff quarters, Guest House, SVP School etc). User Account and Bandwidth are managed with the help of Cyberoam firewall. The institute has a Campus wide fiber optic 10-gigabit network with High End Central Core switch at the Central Computer Centre. Distribution Core Switch are being utilized at primary distribution centre which caters approximate more than 1000 connections each. Such primary distribution centres are at Gajjar Bhavan, Bhabha Bhavan, Mother Terasa Bhavan, Swami Vivekanand Bhavan etc. Almost the entire campus is covered by LAN.

Wireless connectivity has already been deployed at academic zone (all Departments, Labs, workshop, Central Computer Centre, Library), Hostels, Canteen, Guest House, Dispensary, Student Activity Centre etc. which is centrally controlled from Central Computer Centre. Users including Students and Staff members are provided individual login-ids to use the machines for e-mail, internet browsing & general purpose programming.

The institute is the participant of MHRD, Government of India NMEICT/NKN project through which connectivity of 1 Gbps (100 Mbps for connectivity and rest 900 Mbps is for e-content in future) is functioning. The internet access to the institute is also available from various vendors, a total of 768 Mbps.

Central Computer Centre provided services to Training and Placement section of the institute to conduct on-line test of campus recruitment process of UG, PG and M.Sc. Students of all the branches. Central Computer Centre provides internet and computing facilities for Major National & International Conferences. Centralized B.Tech. admission (JOSAA) and Centralized M.Tech. Admission (All branches) (CCMT) are carried out by Central Computer Centre in co-ordination with Academic Section. Central Computer Centre has developed institute website and currently maintaining the website. Moreover Central Computer Centre manages institute mail server and provide e-mail services to all staff and students.

The Central Computer Centre manages Annual maintenance of campus wide computers, laptops, UPS and peripherals. Apart from taking care of the Campus network and Internet Access requirements of the Institute, the Central computer Centre also offers the well equipped computing facilities, locally in the form of five sub centres viz. Internet Access Lab 1 (60 Computers), Modern Cubical based Internet Access lab 2 (60 Computers), Programming Lab (45 Computes), Online Virtual Classroom (60 Computers), Research scholar room (32 Computers) meant for the B. Tech., M.Tech. and Ph.D. students.

The Central Computer Centre has Blade Server with 14 TB of Storage space and 6 Blades on which variety of different purpose servers like WEB Server, Mail Server, DNS, NIS Server, FTP Server, DHCP Server, etc. are hosted. Most of the dialects of the operating systems, authorized copies of almost all the common shrink-wrapped software and various Engineering application software's are housed in the laboratories. Superb computing facilities and the abundance of all types of latest software's are added to the glamour and grandeur of this centre.

Central Computer Centre has become the prominent component of the institute, by facilitating computing and internet facilities in the institute campus. The Campus wide computer network controlled by the centre has become a backbone of the institute.

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

10.2 Central Library

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

During the year under report, besides the renewal of existing resources the library has added a number of new online resources in its collection. These are Society for Industrial and Applied Mathematics "SIAM (17 titles) e-Journal package, OSA: Optics InfoBase (24 titles) e-journals package, Institute of Physics (76 titles) e-journals package, Project Muse, and Grammarly online platform. Apart from the package resources 13 new individual titles of journals are also added in the collection.

During the period the library also procured the Web of Science (SCIE) (1900-1998) backfiles perpetual access.

During 2019-20, 762 new books, 349 CD ROM and 45 bound volumes of journals were added to the collection. In addition to this, the library has also acquired 125 books on gratis. Besides this, 511 theses and dissertations were also added to library collection received from PhD and PG students.

Besides the regular subscription/purchases, the central library has subscribed GATE e-Modules (GATE tutor) from TEQIP – Phase III fund.

The central library has a strong base of users who visited and heavily utilized the services of the library during the period under report. A total number of 23706 books were issued and 23617 books were returned during the period under report.

10.3 Centre for Continuing Education (CCE)

Centre for Continuing Education (CCE) was established in Feb.-2017 at SVNIT with prime objective to imparting skill developing training programs, value added courses to faculty, research scholar, UG/PG students and industry professional through planning and organizing Workshop / Short term training program/Events/Expert talk/ Conference on regular basis and on the concept of Self-Sustainability approach as per the MHRD Guide- lines. In the year 2019-20, the following 50 program are conducted through CCE.

Duration: (April 2019-March2020) Annexure-l

Total No. of Training Programs Approved through CCE	65					
Total Number of Training Programs Completed till end of March -2020:	50					
STTP			29			
Refresher Course	01					
Workshop	i		12			
Expert Lecture			03			
Conference			05			
Total Number of Participants till end March-2020:	Industry- 236	Faculty- 687	Students- 1483	Total No. of Participants- 2,406		

							pert urces	Nu	mber	of Particip	pants
Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators	Fund Resources	SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
01	AMD- SVNIT	One day Event on "Inaugural of IGS student chapters & Expert talk by Dr. D. N. Nayak"	13 th April 2019	Dr. C. H. Solanki & Hitesh Desai	Self- Sustained & IGS Sponsored		01			146	146
02	EED- SVNIT	Expert Lecture on Power system and Renewable Energy	6th May 2019	Dr. H. R. Jariwala & Dr. S.R. Araya	TEQIP-III		02		10	56	66
03	MED- SVNIT	STTP On "Advanced Engineering Optimization through Intelligent Techniques"	13-17, May 2019	Dr. R. Venkata Rao	TEQIP-III	04	01		24	26	50
04	COED- SVNIT	STTP on "High Performance computing (HPC- 2019)	27-31 May 2019	Dr. R. G. Mehta & Dr. D. P. Rana	TEQIP-III		4		20	10	30
05	COED- SVNIT	STTP on Block chain Technology	3-7 June 2019	Dr. S. J. Patel & Dr. M.A. Zaveri	TEQIP-III		12	-	44	1	45
06	CED- SVNIT	STTP on "Advance Research Techniques(ART)"	3-7 June 2019	Dr. Chetan R Patel, Dr. Ravin M Tailor & Samiv J Patel	TEQIP-III	10	1		23	12	35
07	MED- SVNIT	STTP on " Additive Manufacturing theory & Application"	10-14 June 2019	Dr. H. K. Dave	TEQIP-III	2	11		31	8	39
08	EED- SVNIT	STTP on Hands On:Mathematical Modelling and Software simulation for power system and Electrical Machines (HOMSPM)	10-20 June 2019	Dr. A. Chowdhury, Dr. A. Panchal, Dr. H. Jariwala, Dr. P. Darji, Dr. P. Kundu, Dr. V. Mahajan	TEQIP-III	2	6	1	19	18	38
09	CED- SVNIT	Conference Sixth Colloquium on " Transportation systems Engineering and Management(CTSEM – 2019)	14-15 June 2019	Dr. Ashish Dhamaniya, Dr. S. S. Arkatkar	TEQIP-III	3	6	1	1	51	53

					Fund Resources		ert urces	Number of Participants				
Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program	Co-Ordinators		SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total	
10	CHED- SVNIT	STTP on Waste to Energy : Fuel cell and Electrochemical Techneques	17-21 June 2019	Dr. A. K. Mungray, Dr. V. N. Lad, Dr. A. A. Mungray, Dr. Vithal L Gole and Dr. Ravi Shankar(MMMUT)	TEQIP-III		7	2	14	27	43	
11	COED- SVNIT	STTP on "Deep Learning Application (DLA-2019)"	18-22 June 2019	Dr. K. N. Jariwala	TEQIP-III		2		31	7	38	
12	COED- SVNIT	STTP on Big data and IOT: Data analytics, Security & Privacy	24-28 June 2019	Dr. Udai Pratap Rao and Dr. M. A. Zaveri	TEQIP-III		7		27	6	33	
13	EcED- SVNIT	STTP on " Global Navigation Satellite system"	24-28 June 2019	Dr. Sweta Shah and Dr. U. D. Dalal	TEQIP-III	1	9	1	2	21	24	
14	CHED- SVNIT	STTP on "Advances and challenges in refining and Petrochemical process"	24-28 June 2019	Dr. P. A. Parikh, prof. M. Chakraborty, Dr. A. k. Jana and Dr. S. Gupta	TEQIP-III	0	12	0	0	19	19	
15	CHED- SVNIT	STTP on "Research Methodology, Innovation and Academic Administration in Engineering"	1-5 July 2019	Dr. Chetan M. Patel, Dr. Mausami Mukhopadhyay, Dr. Z. V. Murthy and Dr. J. V. Gohel	TEQIP-III	1	5		14	17	31	
16	CED- SVNIT	1st Workshop on * Road safty Audit and Engineering Measures*	26-28 July 2019 Postpoded to 2-4 Aug 2019	Dr. G. J. Joshi, Dr. S. S. Arkatkar and Dr. Ashish Dhamaniya	Gujarat Government Sponsored	4		39			39	
17	MED- SVNIT	Expert Lecture on * 3D Printing *	05 Sep-2019	Dr. A. A. Shaikh	Free by U.S. Institute of 3D Technology		1			51	51	
18	CED-SVNIT	2nd Workshop on " Road safty Audit and Engineering Measures"	30 Aug-01 Sept 2019	Dr. G. J. Joshi, Dr. S. S. Arkatkar and Dr. Ashish Dhamaniya	Gujarat Government Sponsored	4		38			38	
19	AMD-SVNIT	STTP on "Research Methodology and Technical writing (RMTW)	16-20 Sept 2019	Dr. Anant Parghi	ATAL Cell	3	5	ı	31	56	87	
20	CED-SVNIT	3rd Workshop on " Road safty Audit and Engineering Measures"	20-22 sept 2019	Dr. G. J. Joshi, Dr. S. S. Arkatkar and Dr. Ashish Dhamaniya	Gujarat Government Sponsored	4		40			40	
21	CED-SVNIT	4th Workshop on " Road safty Audit and Engineering Measures"	27-29 sept 2019	Dr. G. J. Joshi, Dr. S. S. Arkatkar and Dr. Ashish Dhamaniya	Gujarat Government Sponsored	4	1	25			25	
22	CED-SVNIT	5th Workshop on " Road safty Audit and Engineering Measures"	13-15 Dec2019	Dr. G. J. Joshi, Dr. S. S. Arkatkar and Dr. Ashish Dhamaniya	Gujarat Government Sponsored	4		39			39	
23	Anchor Cell-SVNIT	STTP on "Engineering Design using Drafting and 3D-Modeling"	9-13 Nov 2019	Dr. A. A. Shaikh	Anchor Institute Cell (AIC)-SVNIT	1	-			13	13	
24	CHED- SVNIT	Workshop on " Design of Experiment & Artifical Neural Network"	4-8 Nov 2019	Dr. Meghal A. Desai, Dr. Sanjay R. Patel and Dr. G. G. Jadeja	ATAL Cell	7	1	-	29	35	64	
25	AMD-SVNIT	STTP on " Recent Advances in Structure Engineering (RASE) 2019	18-22 Nov 2019	Dr. Anant Parghi	ATAL Cell New Delhi	7	6	,	21	29	50	

				Co-Ordinators			pert urces	Nu	mber	of Participants	
Sr. No	Organized By	Title of Program / Work shop/ Event / Conference	Duration of Program		Fund Resources	SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total
26	MED-SVNIT	STTP on " Fundamentals of Energy Management and Application(FEMA- 2019)	25-29 Nov 2019	Dr. 8ade Mukund H. Dr. Doshi Ashish V. & Dr. Vivek D Kalyankar	ATAL Cell	7	3		31	7	38
27	MED-SVNIT	STTP on " Advances Engineering optimization through Intelligent Techniques"	25-29 Nov 2019	Dr. R. Venkata Rao	Self- Sustained	3	1			39	39
28	EcED-SVNIT	STTP on " Advanced Global Navigation Satellite System"	3-7 Dec 2019	Dr. Shweta Shah	TEQIP-III	0	6		9	16	25
29	CED-SVNIT	STTP on " Advances in Flood Modeling"	9-13 Dec 2019	Dr. S. M. Yadav	ATAL Cell New Delhi	1	7		14	26	40
30	MED-SVNIT	STTP on " Design Modeling and simulation of Advanced composite structures design using FEM Software (MATLAB, ABAQUS and ANSYS)	9-13 Dec 2019	Dr. Achchhe Lal	TEQIP-III	1	3	;	24	4	28
31	MED-SVNIT	5th International Conference on "Industrial Engineering (ICIE-2019)"	12-14 Dec 2019	Dr. Ravi Kant & Dr. Tushar N. Desai	ille, Surat Chapter Sponsored	5	29		:	218	218
32	EcED-SVNIT	STTP on " VLSI Chip Design Hands on using open source EDA"	16-20 Dec 2019	Dr. A. D. Darji	EICI Acadamy MNIT Jaipur Sponsored		4	1	4	7	11
33	EED-AMHD- CED-SVNIT	International Conference on " Gender Equity: Challenges and Opportunities"	19-20 Dec 2019	Dr. V. Mahajan, Dr. Anandita Chaudhry, Dr. U. Kaushal and Dr. Namrata Jariwala	TEQIP-III	4	18		59	**	59
34	CED-SVNIT	Workshop on "Hands- On training of MX- ROAD Software for Geometric Design of Highways"	20-24 Dec2019	Dr. Rakesh Kumar, Dr. Ashish Dhameniya and Mr. Amit J solanki	Self- Sustained	3	1	1	2	20	23
35	MED-SVNIT	STTP on " Reality based welding simulator : Significance, hands on training and industrial correction"	23-27 Dec 2019	Dr. Vivek D. Kalyankar	ATAL Cell New Delhi	1	6		27	25	52
36	CED-SVNIT	GIAN Workshop on " Transport data analysis, Modeling & Simulation In the era of Smart Mobility"	23-27 Dec 2019	Dr. S. S. Arkatkar	GIAN	4	1	2	9	23	34
37	AMHD- SVNIT	STTP on " Mathematical modeling and simulation for researchers, Engineers and scientists" (MMSRES)	23-27 Dec 2019	Dr. Jayesh M. Dhodiya & Prof. V. H. Pradhan	Self- Sustained	4	5		23	11	34
38	AMD-SVNIT	STTP on "Exploring Research Topics and Techniques of Technical Writings"	25 -29 Dec2019	Dr. Suryawanshi S.R , Dr. Atul k Desai, Dr. Bhaven N. Tandel & Dr. Pradeep Muley	TEQIP - III	4	6		26	05	31
39	MED-SVNIT	STTP on " 3D Printing AMD Design"	30 Dec 2019 to3 Jan 2020	Dr. H. K. Dave	ATAL Cell New Delhi	4	5		35	10	45
40	MED-SVNIT	STTP on " Reverse Engineering for Product Design"	6-10 Jan 2020	Dr. A. A. Shaikh	ATAL Cell New Delhi	4	5		19	22	41

					<u> </u>		pert urces	Number of Participants				
Sr. No	Organized By	Work shop/ Event /	Duration of Program	Co-Ordinators	Fund Resources	SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total	
41	MED-SVNIT	STTP on " Advances in Manufacturing "	21-25 Jan 2020	Dr. Shaifender Kumar and Dr. H. K, Dave	TEQIP-III	6	16		4	30	34	
42	CED-SVNIT	STTP on "Road Safety Audit and ITS Related Aspects"	20 Jan20-5 Feb2020	Dr. Rakesh Kumar, Dr. Ashish Dhameniya and Mr. Amit J solanki	Self- Sustained	3	15	24			24	
43	AMHD- SVNIT	Workshop on " English Enrichment"	21 Jan 2020 to 04 April 2020	Dr. Urvashi Kaushal & Kiran Vaghela	Value Added Course through CCE	1	0			23	23	
44	ECED-SVNIT	International Conference on " Emerging Technology trends in Electronics, Communication and networking	07-08 Feb 2020	Dr. S. Gupta and Dr. S. N. Shah	TEQIP-III	a	5	1	9	24	34	
45	EED-SVNIT	Workshop on " Electronics for Renewable energy systems"	15-16 Feb 2020	Dr. Mohmadasaraf Mulla, Dr. R. Chudamani & Dr. H. R. Jariwala	TEQIP-III	5	1			43	43	
46	EED-SVNIT	Workshop on " Electronics for Renewable energy systems"	21-23 Feb 2020	Dr. Mohmadasaraf Mulia, Dr. R. Chudamani & Dr. H. R. Jariwala	TEQIP-III	5	1			43	43	
47	ACD-SVNIT	National Conference on " Advanced in Chemical Sciences and Technology for Environment and Sustainability (ACSTES- 2020)	27 Feb 2020	Dr. Kalpana C. Maheria	Self- Sustained	6	0	22	23	123	168	
48	EED-SVNIT	STTP on " Power Electronics for Distributed Generation and Electrical Drives"	2-6 March 2020	Dr. Sabha Raj Arya, Dr. Rakesh Maurya, Dr. Sallendra Kumar, Dr. Rajasekhara Reddy Chilpi & Prof. S. N. Sharma	TEQIP-III	7	6		28	14	42	
49	EED-SVNIT	Workshop on "Power Electronics for Renewable energy systems"	2-6 March 2020	Dr. M. A. Mulla, Dr. H. R. Jariwala & Dr. A. K. Panchal	TEQIP-III	6	1		1	44	44	
50	CCE-SVNIT	Reliance Refresher Course "SAMRTHYA-II " (Technical) and Mental Aptitude training for the Students of Chemical/Electrical & Mechanical(degree and Diploma Pass-out)	Jan-March 2020	Prof. R. P. Gohil & Dr. D. V. Bhatt	Rellance Surat	37	1	0	0	97	97	
					TOTAL	182	246	236	687	1483	2406	

Duration: (April 2020-June 2020)

Total No. of Training Programs Approved through CCE			3		
Total Number of Training Programs Completed till end of June -2020:	3				
STTP	TP 3				
Refresher Course					
Workshop					
Expert Lecture					
Conference					
Total Number of Participants till end	Industry	Faculty	Students	Total No. of Participants	
June-2020:	03	196	71	270	

		ganized By Title of Program / Work shop/ Event / Conference				Experi Resourc			Numbe	r of Participants			
Sr. No	Organized By		Duration of Program	Co-Ordinators	Fund Resources	SVNIT	Others	Industry	Faculty	Students/ Research Scholar/ PG	Total		
01	MED	STTP on "Reality based welding simulator: Significance, Virtual training and industrial Correlation" (Onlline)	18-22 May 2020	Dr. V. D. Kalayankar	ATAL (Online)	1	7	0	137	20	157		
02	CoED	STTP on "Recent Treand In IOTS and Computing (RT-IO TCC 2020)" (Online)	29 June - 03 July 2020	Dr. B. N. Gohil and Dr. M. A. Zaveri	TEQIP-III (Online)	3	8	3	41	20	64		
03	AMHD- APD	Online STTP on "Mathematical Modelling and Simulation in Physical Science (MMSPS)	29 June - 03 July 2020	Dr. V. H. Prathan, Dr. Jayesh Dhodiya and Dr. Yogesh Sonvane	Self- Sustained (Online)	3	9		18	31	49		
					Total	7	24	3	196	71	270		

10.4 NPTEL

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

10.5 Centre of Excellence

WATER RESOURCES AND FLOOD MANAGEMENT (World Bank assisted TEQIP-II, 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 Engineering and Management Institute (WREMI)	Dr. TMV Suryanarayana

Field Agencies:

Central Water Commission (CWC)
Central Water & Power Research Station (CWPRS), Pune
Narmada Water Resources, Water Supply & Kalpsar Department (NWRWS&KD),
Govt. of Gujarat.
Surat Municipal Corporation (SMC), Surat.

Research Activities in CoE:

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

Facilities in CoE:

Computational Hydr	aulics Lab	Experimental Hydraulics Lab
Bentley WATERGEMS Bently SEWERGEMS Bentley STORMCAD Bentley HAMMER* MIKE 21 FM*	Academic & Commercial Licences*	Multipurpose titling flume with sediment transport collection arrangement Water Circulation System with fully automized
MIKE 11 MIKE 21 MIKE SHE MIKE SHE MIKE HYDRO HEC-RAS HEC-HMS HEC-ReSim ArcGIS 10.6 ERDAS Imagine 10.0 STATISTICA 10.2	Academic Licences	operation through PLC based SCADA system Laser Doppler Velocimetry (LDV) Acoustic Doppler Velocimeter (ADV) Bed Level Profiler Proposed Multipurpose titling flume under DST FIST Project Proposed River Tray facility for physical model studies Proposed Pump testing rig for performance testing of pumps
MATLAB 2014a	Institute Licences	

CoE Library:

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

PG Class Room:

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

Ongoing Research Activites in CoE:

- Two Research Projects titled "Impact of Climate Change on Water Resources of Tapi Basin" (88.26 lakhs) and "Impact of Climate Change on Water Resources of Sabarmati Basin" (23.36 Lakhs) funded by INCCC, DoWR RD&GR, MoJS, GOI.
- Development of River Tray facility for physical model studies under fluvial hydraulics.
- Computation of Scour around parallel bridge piers.
- Land use and Land cover changes of Surt city and its impact on flooding.
- Morphological study of Upper Tapi River using GIS and Remote Sensing.
- Comprehensive rainfall analysis for the Urban Centres of Western Region.

Activities in CoE during 2019-20:

- For smooth conduct of the ongoing research activities, one high performing workstation and one student license of TerrSet Geospatial Monitoring and Modeling Software have been added to computational and software facilities under CoE.
- Organized two STTP's titled "Hydraulic and Hydrologic Modelling: Concepts and Applications" (34 Participants were benefitted) and "Design of Water-related Infrastructure for Smart City" (44 Participants were benefitted).

- An expert lecture by Prof. P.P. Majumdar on "Hydraulic Extremes under Climate Change".
- A PhD Thesis entitled "Integrated Assessment of Hydroclimatic Variability including Steamflow Modelling of a Climatically Hetergeneous Basin in India" has been awarded to Dr. Priyank J. Sharma who has been Post Doctoral Fellow in Florida Atlantic University, USA.

10.6 Research Park:

Sr. No.	Event	Details
1.	Motivational talk by Diamond Tycoon- Shri Govind Dholakia on "My Mantra on Social Development"	Shri Govind Dholakia-Chairman SRK Exports Pvt.Ltd. is Diamond tycoon and a philanthropist who established India's leading diamond manufacturing company with an annual turnover of more than US \$ 1.2 Billion. His journey is full of thrill and struggle as he started as a diamond cutter at the tender age of 13. He is the finest human being and an impeccable leader, the qualities which have made Shri Ramkrishana Exports Pvt.Ltd (SRK) one of the most ethical and valued organizations in India today. Motivational talk by Diamond Tycoon- Shri Govind Dholakia on "My Mantra on Social Development" AU G UST 22, 2019 Shri Dholakia is the only Indian to receive a prestigious leadership award from the U.S green building council. He is the regular speaker at IIM-Ahmedabad, IIT-Delhi & ISRO.
2.	Expert talk by Prabir Bhattacharjee on "My Journey from job to Startup"	Mr. Prabir Bhattacharjee is SVNIT alumni from the Department of Mechanical engineering. He is a leading entrepreneur and is the founder of the corporate panda brand and is the owner/Partner at Triomphe Excellar, Bahrain and Hizo Fze, Dubai. He is also a black belt in lean six sigma and lead auditor ISO 9001, 14001, 18001.
3.	Expert talk by Rachit Khator on "How to create a startup company"	Mr. Rachit Khator is SVNIT alumni and a founder of startup Stackby. At the event, he shared his experience as VC of a company and as the CEO of his own company.
4.	Hack DotSlash Root to Ideas 3.0	ASHINE conducted the 3rd national level Hackathon DOTSLASH - Root to Ideas 3.0, a 30 hours long event with the aim to challenge the students to think out-of-the- box and offer innovative, disruptive and sustainable solutions to build smart applications that would help address major real-world problems of our society.
5.	Panel Discussion with our Startups & Startup enthusiast Students of SVNIT:	Conducted Panel Discussion Activity at ASHINE. Where our experienced Startups shared their experiences with our young Startup enthusiast students. It was an interactive session where students cleared their queries related to entrepreneurship and startup with us.
6.	Webinar: Interactive Session With Team Gradeazy	Gradeazy is ASHINE incubated ed-tech startup founded by SVNIT Alumni Dishant Gandhi, Mahip Gupta & Alok Dubey. Greadeazy provides a highly powerful and scalable online assessment platform to institutes. In this session they shared their experiences with startup enthusiastic students.
7.	Webinar: Expert talk by Shivani Chakrachhattri on 'Confession of a Product Designer being and Engineer'	Shivani is a product designer and founder of Roundumbrella. She is a proud alumna of NIT, Surat. She has worked in multiple entrepreneurial ecosystems/ MNC as a user experience designer. This talk was about real stories, conversation around design and design thinking from an engineering lens.
8.	Webinar: Expert talk by Jubin	Jubin is an alumnus of NIT Surat Mechanical branch. Jubin

Sr. No.	Event	Details
	Mehta on 'On Starting Up and Beyond'	was a part of the core team at yourstory.com from 2010. His primary role was of a writer with experience in building teams and scaling up a startup. This webinar was about how to convert an idea to Startup. Jubin also shared his experience of YourStory, how they went ahead from scratch.
9.	THRIVE Challenge- To Create Innovations fighting COVID-19	ASHINE at SVNIT has conducted a virtual challenge for scouting innovative engineering and technological solutions to combat COVID-19. 21 students' teams participated from different colleges. Certificates were distributed to the winners and all the participants as well. Top teams were offered a grant of upto Rs. 50,000 for PoC development under SSIP.
10.	ASHINE efforts to curb COVID-19	The face shields for the protection against COVID-19 have been fabricated using 3D printing machines. Around 1200 number of face shields have been made and distributed amongst security personnel, medical team and mess workers of the SVNIT as well as to the SMS health centers, front line COVID-19 warriors of the SMC, Civil Hospital Surat, Police force and NGOs. Apart from the face shields, various protective gear for COVID-19, such as Face Mask, Ear Guard, Hands FreeDoor Opener and Hands Free-Tap Opener were also fabricated in the lab. A ventilator splitter that can be used to share a ventilator between 2 to 4 patients was also made using 3D printing technology, which is in the initial phase of testing by the medical team
11.	PoC/ Projects Supported	Total 18 PoC/ Projects Supported with total financial Grant of Rs. 197637. (Attached- Annexure-1)
12.	Startup Supported	Total 5 Startups Supported (Attached- Annexure-2)
13.	Mentors On Board	8 new mentors on boarded (Attached- Annexure-3)

Project / PoC Supported

Sr. No.	Project title	Financial Support
1.	Development of Ball on Plate Balancing System	11156
2.	Development of Nonlinear Control System for Autonomy of Quad- Rotor	12205
3.	Brain Computer Interfacing	5511
4.	Implementation of Impendence-source Inverter (ZSI)	3225
5.	Plant Leaves based Waste Water Treatmentt	10000
6.	Development of Various Products from Water Hyacinth	11105
7.	Real Time Sign Language Recognition System Using Machine Learning	3957
8.	Solar Thermal- Parabolic Trough with active tracking	14573
9.	Vertical Axis Hydraulic Turbine	8971
10.	Design and Fabrication of Rice Crop Cutter	9888
11.	ROS based Robotic System for precision Farming	8556
12.	Alkali activated concrete using steatite powder	4898
13.	Wastewater treatment and desalination through electric field attached, Forward Osmosis-Reverse Osmosis (EFO-Ro) Hybrid System	8000
14.	Low Cost Cleaning Solution for Solar PV Panel	10969
15.	Synthesis and Characterization of graphene based nano-composite for super capacitor application	9224

16.	Study of structural, optical and magnetic property of Fe3O4 nanoparticles decorated with quantum dots for targeted imaging in biological system	3044
17.	Electric Tricycle for physically handicapped person	36389
18.	E-Writer using ARM processor	25966
	Total	197637

Startup Supported:

Sr. No	Startup Name	Founder Name	Startup Description
1.	Chaturboats Al Pvt.Ltd	Vaibhav Maheshwari	To build contextual conversational agents for education and industrial support.
2.	Aanjaneya Aerodynamics Pvt.Ltd	Rajan Bhatt	To Design, develop and manufacture a totally indigenous multipurpose, medium sized tarnsport for civil & military applications using unique innovative design concepts
3.	Soleil Edutech Pvt.Ltd	Dishant Gandhi	A cloud based SaaS product that derives analytics from written (offline) exams.
4.	Chikitsak	Saurabh Bhadoriya	FlowT is a healthtech startup working to build a network of patients through its various disease communities.
5.	Vyasion Technology	Nikhil Vyas	Provide IOT,AI and computing based smartv technology solutions for betterment of citizens of the country-Smart sewage monitorig device.

New Mentors on Board (Annexure-3)

Sr. No.		
1.	Mohit Saini	Supply Chain Consultant at Vector Consulting Group
2.	Ankit Kush	Business HeadSearce Inc
3.	Jubin Mehta	Ex Core Team MemberYourStory
4.	Shivani Chakrachhattri	FounderRoundumbrella
5.	Aditya Tiwari	Founder & CEOGeliose Mobility
6.	Avinash Kumar Pandey	Head-Growth & Business Operation Tiny Mart

10.7 SC/ST Cell:

The details activities carried out by SC/ST Cell for the acadmic year of 2019-20.

Sr. No.	Name of the activity	Date
1	Chairman for Preparation of roaster register of teaching post of the institute.	20/12/2019
2	Attended the meeting of tuition fees for SC/ST student of M.Tech. and Ph.D.	09/09/2019
3	Allocation of office space for SC/ST Cell (New CRC, 706)	01/01/2020
4	Coordinated the activity of impact evaluation of the scheme of National Scholarship of Higher education of ST student of the Ministry of the Tribal Affairs.	08/02/2020 To 10/02/2020
5	Attended the Departmental promotion committee meeting for non-teaching staff (Group B and C)	08/06/2020
6	Committee member for Preparation of roaster register of non-teaching post of the institute.	10/06/2020

10.8 Women Cell:

The following activities were done by Women Cell SVNIT during 2019-20.

 We started one chain on national level, on 6th July 2019, initiated by Mrs Geeta Shroff, by creating a wall in SVNIT with the 'Beti Bachao Betoko Sikhao' abhiyan. It was well covered in media.





- Health awareness seminar conducted by Doctor's team of VAMA Wellness Centre for Women under their goal of honouring 10000 daughters/Women giving them gift of good health by upcoming Women's Day. Two doctors and one observer Shri Ajaybhai remained present.
- No. of persons attended nearly 100 including males and females (without gender bias). It was an open seminar for all the persons in SVNIT campus including families of faculty members in the campus.
- Organized in room no 604 New CRC Building SVNIT

Time: 3 to 4 p.m. Date 28/1/2020

- (1) Awareness about Cancer in females --- By Dr Ami Yagnik
- (2) 10 best formulas for happy married life—By Dr Trupti Patel



 Special Lecture on 'Medical Issues of Teenage Girls', on the occasion of Women's day celebrations.. The program was co-organised with IIIT, Surat. It was an interacting session after the lecture. During the welcoming part of the program the new Team of Internal Complaint Committee (ICC) of the institute was welcomed and introduction of each member was given by new ICC Chair Dr Rasika Dhavse.

No. of Girl students and female faculty and staff attended the program are nearly 80. Organized in room no 604 New CRC Building SVNIT Time: 4 to 6 p.m., Date 11/3/2020



Ending up the program with Women Anthem of the Institute Women Cell..

- A Joint meeting of ICC and Women Cell members was conducted on 13th March 2020 to discuss the issues related to ongoing court matters.
- Next Program is planned of having online Webinar on "Gender Equality in Engineering and Science, stereotyping and Women's Right. Guest speakers Dr Geeta Shroff, Dr Manisha Panwala, hosted by Dr Upena Dalal (Chair, Women Cell) live of Facebook page Mediacell_svnit and to be streamed on YouTube.

10.9 Hindi Cell

Hindi - Pakhwara 1 September -14 September 2019 report

Following are the details of various programs conducted under Hindi - Pakhwara 2019 -



01 Treasure Hunt 2019 Report

Inauguration ceremony of Hindi Pakhwada 2019 organized by the Official Language Cell of Sardar Vallabhbhai National Institute of Technology, Surat on 01 September 2019, was performed with Mother Saraswati Pujan in the presence of Student Welfare Dean - Dr. VH Pradhan Sir, President - Dr. Tushar Desai Sir, Vice President - Dr. Manish Rathore Sir, Rajbhasha Adhikari (Executive) - Dr. Dimple Shah and Committee Member Dr. Ketan Kuprekar.

Treasure Hunt was the first competition of Hindi Fortnight 2019. A total of 580 participants participated. This competition was conducted in four stages. Program manager - Vasu Goel, Sonu Meena (third year), Tushar Jain, Kailash Chaudhary, Sheetal Maheshwari, Atul Bansal, Ravikant Sharma, Jitendra Chaudhary (second year) and all other members of the committee were instrumental in making this competition a success.

02 Quiz Report-2019

The quiz was the second competition of Hindi Pakhwara-2019, in which a total of 269 participants took part. The competition was organized in two phases. The second phase was conducted on computer in the form of KBC.

3. Debate 2019 report

The debate was the third competition of Hindi Fortnight 2019, in which a total of 90 participants participated. In this competion, the students had to debate on two subjects - "Statue of Unity" and "Cashless India".

4. Dictation

Shrutilakhan competion was the fourth competition of Hindi Pakhwada 2019, which was organized under the chairmanship of Dr. Shilpi and Dr. Bhavesh Gohil, in which a total of 100 participants participated. In this competition, various difficult words were asked.

03 Debate 2019 Report

The debate was the third competition of Hindi Fortnight 2019, in which a total of 90 participants participated. In this competion, the students had to debate on two subjects - "Statue of Unity" and "Cashless India".

04 Dictation

Shrutilakhan competion was the fourth competition of Hindi Pakhwada 2019, which was organized under the chairmanship of Dr. Shilpi and Dr. Bhavesh Gohil, in which a total of 100 participants participated. In this competition, various difficult words were asked.



05 Poetry Competition

Poetry recitation competition was organized on 07th September 2019 under Hindi Fortnight . Chief Guest as Judge Kavitri Sonal Jain and Chairman Dr. Tushar Desai were invited. A total of 24 participants participated and demonstrated their talent. In which B.Tech M.Sc., M.Tech and Ph.D. students were included.

06 Nazariya

Nazariya competition was organized by on 8th September 2019. Chief guest Dr. Dimple Shah, Dr. A.K Mungre and Mr. Brijesh Patel were present to grace the event. A total of 122 participants participated enthusiastically.

07 Trivia

Trivia competition was organized under Hindi Pakhwara from 01st September 2019 to 10 September 2019. A total of 374 participants participated and demonstrated their talent. In which B.Tech M.Sc., M.Tech and Ph.D. students were included.

08 Essay writing

Essay-writing was the eighth competition of Hindi Pakhwara 2019, which was organized under the chairmanship of Dr. Hiren Patel and Mr. Kamlesh, in which a total of 40 participants participated. Essays on various topics were written in this competition.

09 The painting

Painting competion was organized under the chairmanship of Dr. Manish Rathore. In this competition various types of pictures were generated from the students of the faculty. Color boxes were provided as a gift for children.

10 Award ceremony

The award ceremony of Hindi Pakhwada 2019 was organized by the Official Language Cell of Sardar Vallabhbhai National Institute of Technology, Surat on 14th September 2019, Chief Guest - Mr. Ghanshyam Soni (IRS), Student Welfare Dean - Dr. VH Pradhan Sir, Chairman - Dr. Tushar Desai Sir, Vice President - Dr. Manish Rathore Sir, Official Language Officer (Executive) - Dr. Dimple Shah and Committee Member Dr. Ketan Koprekar were present. Prize money was distributed to various winning students.

Vishwa Hindi Diwas 2020

Rajbhasha - Prakosth SVNIT (Hindi Cell) organized many events on the occasion of Vishwa Hindi Diwas 2020 which is celebrated on 10th January each year. To promote Hindi language and it's importance we organized many activities for students like Bhashantar (Anuvad pratiyogita), Shahityanchal, Niband lekhan, Hindi Prasnotari and many informal activities on 8th and 9th January 2020.

On 10th January 2020 in evening Hindi Diwas samaroh was organized by Hindi Cell Committee at Production Hall SVNIT. In this ceremony we invited Dr. P L Patel (Deputy Director SVNIT), Dr. KD Yadav (I/C Registrar SVNIT), Dr. V H Pradhan (Students welfare Dean SVNIT) and all Hindi cell faculties members. This programme started with Saraswati Vandana and enchored by Mr. Tushar Desai (vice president Hindi cell). Many students participated in Poetry competition in that ceremony to arising of beauty of Hindi language. Dr. P L Patel (Deputy Director SVNIT), Dr. KD Yadav (Registrar SVNIT), Dr. V H Pradhan (Students welfare Dean SVNIT) gave their speech about the importance of language. Prize money and certificates were distributed to Winners of events by chief guest. At last Dr. Dimple V. Shah (Chairman-SVNIT) extended vote of thanks to every guest who come to make event successful by giving their precious time.

A part from that Several one day workshops were organised at the interval of three months . The workshop covers the topic such as Hindi vyakaran ,Hindi lekhan ka Mantra, Prashasan Mein Hindi ka prayog, samasya avam samadhan, prarup lekhan avam tippani, Unicode ke Madhyam se a Hindi typing ka sarlikaran avam abhiyas, Rajbhasha sambandhi prashnotari avam samadhan etc







Literary Affairs Committee

The Literary Affairs Committee witnessed a very vibrant year in the academic session 2019-20. The committee conducted a total of ten college-wide events until everything was forced to shut down because of the COVID-19 pandemic. Apart from the regular Group Discussion sessions, intra-club events like extempore, informal quizzes that aimed at helping the club members improve their speaking, reading and comprehension skills, LAC organized the following college-wide events:

Autumn Semester

01 Murder Mystery (16th October, 2019)

LAC conducted a Murder mystery event cum orientation for first-year students. The event aimed to test the listening skills of the participants. The budget of the event was Rs 6000. It witnessed a turnout of 300 plus students who were divided into teams of 2-4 participants; out of which, a total of 16 participants were awarded cash prizes of Rs.6000.

02 Mixed Bag Quiz (5th November, 2019)

In order to introduce Quizzing culture to 1st year students, with the direction from Dr. T.N. Desai, LAC opened quizzing season for the year. LAC conducted a Mixed bag quiz in which a total of 80 participants competed for the top three winning positions. The questions were based on topics related to Indian governance, food, history, law and order, current affairs, linguistics, etc.

03 An event under Swachhta Pakhwada (6th - 7th September, 2019)

Under the guidance of Dr. Ravikant and Dr. T.N. Desai, LAC took the responsibility to conduct events like Group Discussion and Debate competitions, JAM, Poetry and Essay Writing competition under the banner of Swachhata Pakhwada on September 6th and 7th, 2019. Participation and winner certificates with trophies were distributed under this event.

LAC, SVNIT also conducted an online non-budgetary quiz event in collaboration with the official quizzing club of NIT Jalandhar. In this, we conducted a week-long informal quizzing contest on topics relating to music, films, literature, sports and current affairs among the students of our institute and NIT Jalandhar. The event was enthusiastically attended by the students of both the institutes and the winners were declared on the social media handles of both the student chapters.

Spring Semester

01 Debate Competition (16 January, 2020)

This is LAC's yearly debate competition. The debate had a 2 v/s 2 format, where students were grouped into teams of two and assigned a topic for which they had to speak for or against it. The budget of the event was Rs 6000. The event witnessed a turnout of 82 students of which 40 were participants. The final round was judged by the faculty advisor and preliminary round by final year students. A total of 6 winners were declared who shared prize of Rs 1000 each.

02 Book up (17 January, 2020)

Under the guidance of Dr TN Desai, LAC came up with Book up on January 17, 2020. The primary purpose of this event was to gather all the bibliophiles around the college and share the love of books among the students. The event tested the creativity, requiring the participants to spin a unique story based on the back cover synopsis of a book. The budget of the event was Rs 6000 which was split between six best performers. Participants were judged based on competitions like Spin-A-Yarn, JAM and Extempore and Poetry recitation.

03 LAC Quiz Week (29-31 January, 2020)

LAC conducted the annual quiz week, the premiere quizzing event of the college during January 29 to 31. Each quiz had a budget of Rs 6000. Three quizzes covering various topics

were conducted as follows and the prize money was distributed among winning teams for each of the quizzes.

- General Quiz (29th January, 2020)
- Sports Quiz (30th January, 2020)
- MELA Quiz (31st January, 2020)

04 Group Discussion Workshop (9th February, 2020)

LAC conducted a college-wide Group Discussions workshop with the guidance of Dr. Urvashi Kaushal in which members of the committee taught the basics of GDs to the participants and then mentored and moderated discussions on current affairs topics. This was a non budgetary event.

05 Debate Competition (19th February, 2020)

This informal debate competition was conducted strictly on current affairs topics relating to the technical and scientific world with the guidance of Dr. Urvashi Kaushal. The debate was followed by a demo of Boardroom type discussions in which participants were given a real world problem and were assigned roles of a traditional boardroom setup. The event was a non budgetary event. Then the students discussed the problem to come up with a solution to the assigned problems.

06 Book Club Exhibition

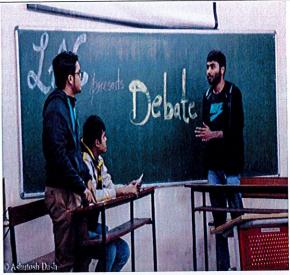
In order to address the shortage of books in LAC's book club, with the guidance of Dr. T N Desai , a total of 31 books of categories like fiction, crime, self-help were bought from the Surat Municipal Corporation Annual Book Fair held during the first week of February. These books along with the older ones, were put up in an exhibition for students to issue them and return after reading.

Apart from these, LAC in collaboration with the T&P Cell of SVNIT had planned to conduct a Group Discussion workshop in the last week of March, 2020, under the guidance of Dr. Uravashi Kaushal for the students of the institute. But this event had to be called off due to the unforeseen closing of the college because of the COVID-19 pandemic.

Following on the lines of every year, a special mega event called Sapientia (LAC's annual literature festival) was planned to be held in April , 2020. This would have featured literature promotions in the forms of interaction with Authors, Poetry slam and Kavi Sammelan, Quora meet-up, webinars with prominent speakers and book exchange programs. Unfortunately, the event had to be called off due to COVID-19 pandemic.

To conclude, in the academic year 2019-20 a total of Rs 39,000 were spent from the yearly allotted budget of Rs 50,000. The committee conducted a plethora of events during the year, despite the year ending abruptly, which were attended in hearty enthusiasm by the students of the institute. After the closing of offline classes, LAC continued informal interaction through social media handles to keep the college students engaged.









10.10 Rain Harvesting Initiatives

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

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

It is also planned to carry out regular cleaning of all recharge wells in the month of April / May 2021, before next monsoon to optimize Rain Water Harvesting. The Institute conducted one-day workshop on water conservation through rainwater harvesting in Department of Civil Engineering of the Institute on Nov. 09, 2019, for UG/PG/PhD students of the Institute including the field staff to make them aware about the standard methods of rainwater harvesting and its implication in improving the ground water resources.

Details of Ground water recharge facilities at SVNIT Campus

Sr. No.	Location	Recharge well nos.	Approximate Catchment area (sq.mt)
	Gajjar Bhavan Hostel		
	Wing	1	450
	Wing	2	450
	Wing	3	450
1	Wing	4	450
•	Wing	5	321
	Wing	6	225
	Behind F- Wing	7	96
	Wing	8	321
	Mess -I	9	970
	Bhabha Bhavan Hostel		
2	Left Side	10	1,736
	Right Side	11	1,736
3_	Behind Applied Chemistry Dept. (New)	12	922
4	Canteen (Opposite)	13	3,718
	New Class Room Complex		
5	Left Side	14	783
	Right Side	15	783
6	New Library (Back Side)	16	2,488
7	Material Testing Lab	17	762
8	Adv. Hyd. Lab.	18	522
9	Type –V Residential Quarters	19	1,785
			18,968

10.11 Unnat Bharat Abhiyan (UBA)

Unnat Bharat Abhiyan is a flagship program of Ministry of Education for sustainable rural development, launched on 11th November. 2014.

- Vision: "Transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India".
- Mission: To enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth.
- Aim: To create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India. Unnat Bharat Abhiyan has been conceived to explore the potential of higher educational institutions to enrich rural India.

- In Unnat Bharat Abhiyan the Higher Education Institutes adopt 5 villages for sustainable development. The faculties and students of Unnat Bharat Abhiyan Participating Institutions work for sustainable development solutions of adopted village cluster.
- All the Participating Institutions have to work with major area of Intervention in Sustainable Rural India Development of Unnat Bharat Abhiyan are:
 - o Human Development
- Health, Education and Culture, Values, Skills and Entrepreneurship
 - o Economic Development
- Organic agriculture, Water management and conservation, Renewable energy sources, Artisans and rural industries, Development and harnessing of local natural resources, Basic amenities, E-Support (IT - enabling)
- Indian Institute of Technology (IIT), Delhi is the National Coordinating Institute (NCI) of Unnat Bharat Abhiyan. The NCI has overall responsibility in selection, training of institutions, constituting with the Regional Coordinating Institutes of all States & Union Territories and the Subject Expert Groups and monitoring the program through a web portal.
- Website of UBA: https://unnatbharatabhiyan.gov.in:8443/new-website/

The Regional Coordinating Institutions (RCIs) act as nodal centers for promoting & facilitate Unnat Bharat Abhiyan network in their region. These will be responsible for grooming the other participating institutions in their region in addition to carrying out their own village cluster activities. These are the institutions identified by the National Steering Committee (NSC) for the purpose of better coordination of the programme in specified Areas/States/UTs.

The RCI will have their own login credential to view and review the work of Participating Institutes (PIs) in their region. Additionally, the RCIs have a strategic role to play, they have to identify a challenge relevant in their region / states in collaboration with Pls and State government. The RCIs provide monitoring, direction and guidance for sustainable solutions and development of village cluster of Participating Institutes.

In present, total 45 Regional Coordination Institutes are working in Unnat Bharat Abhiyan. In Gujarat State, two RCls Indian Institute of Technology (IIT) Gandhinagar and Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat are working in Unnat Bharat Abhiyan.

In the Gujarat State, RCI IIT Gandhinagar is working in 18 Districts and RCI SVNIT, Surat is working in 15 Districts and two Union Territories Daman and Diu.

In present, the Regional Coordinating Institute (RCI) SVNIT, Surat has been working with total 47 Participating Institutes of 15 Districts of Gujarat State 1. Anand, 2. Aravalli, 3. Bharuch, 4. Chota Udepur, 5. Dahod, 6. Dangs (Ahwa), 7. Kheda (Nadiad), 8. Mahisagar, 9. Navsari, 10. Panch-Mahal (Godhara), 11. Surat, 12. Tapi (Vyara), 13. Vadodara, 14. Valsad, 15. Narmada (Rajpipala), and two Union Territories Daman and Diu.

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

The Website of Regional Coordinating Institute SVNIT, Surat: http://www.svnit.ac.in/Unnat_Bharat/RCI/index_rci.php Email ID: rciuba@svnit.ac.in Ph: 0261 220 4301

11.0 TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP-III)

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

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

The total project cost is `7.00 Crores. Out of which the institute has already used `5.60 crore. As far as academic programs are concerned the institute has spent `2.03 Crore. This amount was utilized to carry out various activities like to organized Short term training program (STTP), National and International conferences, Faculty and staff development programme, Management level training for senior level faculty, Academic reforms like curriculum revision and restructure, academic audit and student related activities like organizing finishing school, expert lectures and support was given to third year and final year students of B.Tech, for preparation of GATE exam. In addition to these, the most sparkling feature was the twining activities for the mentee institute MMMUT, Gorakhpur (UP). From the mentee institute, many faculty members/ students received the benefits of this activity. The faculty members of the mentor institute have worked very hard to lift up our mentee institute. Various research projects under "Micro Research Projects" were approved. Approximately 110 students were given research grant. In the month of August-2019 the performance auditor visited the institute to check and assess the progress. It is pleasure to inform you that the institute's performance was to the tune of 87%. The institute is committed to higher progress in the coming quarters.

12 CAMPUS INFRASTRUCTURE

12.1 Housing Facility

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

Sr. No.	Quarters Type	No. of Quarters	Remarks
1	Type-V(B- (D-I))	80	Newly constructed
2	Α	6	Under renovation by CPWD
3	В	16	Under renovation by SVNIT/CPWD
4	С	48	Out of 8 blocks (each of 6 nos. of quarters) 4 nos. of blocks (24 nos. of quarters) converted into D-type quarters, 1 block (6 nos. quarters) is under renovation by SVNIT and other 3 blocks (18 nos. of quarters) are proposed to demolish as per structural conditional assessment report.
5	D	48	All 4 blocks (each of 12 nos. of quarters) are proposed to demolish as per structural conditional assessment report.
6	E	48	2 blocks (each of 12 nos. of quarters) are proposed to demolish as per structural conditional assessment report.
	Total	246	

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 for ministerial staff and teaching staff respectively.

12.2 Guest House

Guest House (Sardar Vallabhbhai Patel Bhavan) was constructed in December 2008. It is located on the opposite side of SVNIT main gate on Surat-Dumas road. It is ground plus 4 floor building structure and consisting of 84 rooms and 8 suit rooms. The Guest House is extensively utilized by the staff, students, allumnini and local government agencies etc. It has 4 office rooms, kitchen and dining halls. Indoor Sports rooms, Gymnasium rooms, Recreation rooms, Big and Small Conference Hall. The facility is extensively used by the staff/students/alumnis/local state and central government agencies, etc. for organising various training programs, seminars, workshops and conferences. The Guest House provides boarding and lodging facilities for the Institute Guest invited guests, visitors, newly appointed faculty, and staff members, delegates and participants attending various conference, seminars, symposia and workshops.

12.3 The Institute Health Center

- (1) During the year 2019-2020, the Health Centre of the institute added the facility of locating 24 hours ambulance within the campus for medical emergencies of staff and students. This ambulance is equipped with Medical Staff, Essential Life Saving gadgets and Emergency medicines with Oxygen facilities.
- (2) COVID-19 Activities jointly undertaken under Taskforce Committee and District Administration from March 2020 till 30th June 2020 are given below:

- a) Hon. Visiting Homoeopathy Consultant of SVNIT Health Centre Dr. Niloufer Pachhigar took the initiative for distribution of immunity booster homeopathy medicines arranged by Dr. Chintan Pachhigar, Director, C. D. Pachhigar Homeopathy Medical College, Surat. The medicines were distributed for free of cost to all students, staff and family members residing at campus on two occasions one month apart.
- b) Preparing and distribution of cotton face masks from clothes received as donation from Mr. Kamal Pugaliya ji, Textile Industry owner and Philanthropist.

The stitching of around 8000 plus cotton masks was done by Sakhi Mandali located in adopted Villages under Unnat Bharat Abhiyan of SVNIT. The Institute paid the stitching charges for the same.

- c) Hand Sanitizer was procured initially and later on made in house at Chemical Engineering Department of SVNIT under the guidance of Prof. Dr. Jigisha Parikh & Dr. Meghal Desai, Dr. Sanjay Patel and team.
- d) Foot operated Hand Washing Units were fabricated at Institute Workshop by Shri. Gajendra Panchal, Mr. Bhupat Patel under the guidance of Dr. Ravikant, Workshop Incharge and were kept at various locations like Main gate, Health centre, Administrative Building, Mechanical Engineering Department etc. The workshop staff also extended their support in making of Automated medicine and food distribution trolleys donated to Civil hospital and SMIMER COVID Wards
- e) Several Thermal Scanners were distributed at various locations like Main Gate Security, Institute Guest House, Narmad Bhawan Guest House, all Hostels. For thermal scanning purpose. Similarly few Pulse Oxymeters were also distributed for checking the Oxygen Saturation.
- f) In addition to above, Health Centre with the support from Hostel Section & Dean (Planning & Development) created Medical Inspection Room (MI room) at Mother Teresa Bhawan.

12.4 Staff Club

The Staff Club building was constructed in around 1989 which was extensively used by the staff members of the Institute. Recently, it is under renovation by CPWD as it requires major repairing work, to restore the functional usage of Staff Club Building at SVNIT Campus. The club was 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 have 4 nos. of rooms each at ground floor and first floor (total 8 nos. of rooms). These rooms are utilized for several indoor sports facilities like carrom, Table Tennis, Cards, Music etc. The ground floor rooms are also utilized as change room, green rooms store room, etc. during any functions.

12.5 School

Sardar Vallabhbhai Patel (SVP) School is English medium school affiliated to Gujarat Secondary and Higher Secondary Education Board, Gujarat, managed by Sardar Vallabhbhai Patel Education Trust was established in January 1976 by Sardar Vallabhbhai Regional College of Engineering and Technology (SVRCET), Surat. As a part of social services, SVRCET, Surat has registered trust as SARDAR VALLABHBHAI PATEL EDUCATION TRUST (SVPET), Surat under Bombay Trust Act. 1956 (Registration No.E1549/Surat) to manage the School.

In 2004, SVP School was shifted to the new school building. As school was in gradual progress from 1976, permission for all classes of Primary, Secondary and Higher Secondary sections was granted. For fees approval, Gujarat Government has formed one committee know as Fees Regulatory Committee (FRC). Every years FRC gives approval for fees for all standards. All expenses including salary of the staff and Provident Fund (PF) is done from the fees collected from the students. Annual increment is given to all staff every year in the month of July. For new recruitment at all cadre, probation period is 02 years, after successful completion of probation period, staff is confirmed and salary will be as per salary structure of the school. School is completely following guidelines given by Gujarat Government for self-finance school. Annual accounts and audit is done by Ms. Manoj Makhania & Co. Surat, Chartered Accountants.

CLASS-WISE STUDENT STRENGH (2019-20)

Section	Standard/Class	Total no. of students (Class wise)	Total no. of students (Section wise)	
	Nursery	110		
Pre-primary	Jr.KG	123	357	
	Sr.KG	124		
	1	121		
		111	-	
Ĺ	III	109		
Primary	IV	113	1	
· · · · · · · ·	v	106	844	
	VI	100		
	VII	97		
	VIII	87		
Secondary	IX	99		
	Х	73	172	
<u> </u>	XI- Commerce	59		
111	XII- Commerce	47	106	
Higher Secondary	XI- Science	96		
-	XII- Science	92	188	
		TOTAL	1667	

12.6 Day Care Centre

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

SVNIT Day Care Center 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 modern sophisticated facility and games for the benefit of children of busy and lovely family.

The mission of the center is to provide Happy, Healthy and safe environment to the children. The Day Care Center for Children (DCCC) ensures that the child is safe, active and more cooperative. 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 Center for Children (DCCC) is run by dedicated management and staff.

12.7 Post Office

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

12.8 Bank

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

12.9 Transportation Services

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

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

- Buses are cleaned regularly and are well maintained. The bus inspection and other relevant procedures are also thoroughly followed regularly for better and consistent performance.
- The institute has hired six drivers on a daily-wage basis for operating the buses in three shifts. The monthly schedule of their shifts is prepared and also intimated to them well in advance. The drivers are well instructed to maintain patient and disciplined driving behavior and safe driving speeds.
- Departments and Students can also avail bus facilities for their official study-tours and site visits.
- Bus facility is well offered to the visiting students and delegates during different events and programs such as sports events, cultural programs, short-term training programs (STTP's), and other professional training courses involving site visits.
- Bus service is also extended to drop and receive delegates/participants visiting the institute to attended International/National conferences/Technical symposiums.
- Bus facility is offered to the newly admitted students and their parents at the time of reporting and counseling by committees such as Centralized Counselling for M. Tech (CCMT) and Joint Seat Allocation Authority (JoSAA).

- It has been witnessed that there is an adequate shift in using bus transport mode, particularly by the students for attending their theory/practical classes, going back to their hostels, or other parts of the institute.
- It seems that operating this facility for the students and staff is certainly creating a positive impact on motivating them towards using a sustainable and efficient mode of transportation. It is expected that in times to come, most of the students are likely to get accustomed to this efficient and environment-friendly mode of transport.

13 NOTABLE ACHIEVEMENTS

13.1 Faculty and Students achievements

Applied Chemistry Department

- O1 Bharat Dholakiya was appointed as a Member of Board of Studies in Applied Chemistry (School of Science), ITM (SLS) Baroda University, Vadodara.
- 02 K. Suresh Kumar has selected as Fellow of Society of Pesticide Science India, Division of Agricultural Chemicals, Indian Agricultural Research Institute, New Delhi, 2019.
- 03 Muzammil Kuddushi was awarded Researcher Mobility Grant from Royal Society of Chemistry, UK.
- Kalpana Maheria was Awarded for Best Oral Presentation for the presentation of the paper entitled, "Environmentally benign synthesis of n-pentyl levulinate over zeolite catalysts via levulinic acid esterification, on 21st Dec. 2019, at international conference (ICNEES-2019) organized by, Centre for Nanoscience and Nanotechnology, ITER, SOA, deemed to be University, Bhubaneswar, India. during December 20th to 22nd, 2019.
- Kalpana Maheria has invited as a Judge to select best poster presentation at One Day National Seminar on Decadal Trends in Chemistry Research: The Perspective of Women Scientist (W-CHEM 2020), organized by Deptt. of Chemistry, Faculty of Science, MSU, Vadodara at Baroda Residency Hotel, Vadodara, Gujarat, on 8th March 2020.
- Kalpana Maheria has invited as an honourable speaker to deliver a talk on 16th July 2019, at the "2nd International conference on Green and Sustainable Chemistry" held during 15th -16th July 2019 at Zurich Switzerland.
- Of Kalpana Maheria has invited as a speaker at International Conference on Nanomaterials for Energy Environment and Sustainability (ICNEES-2019) organized by, Centre for Nanoscience and Nanotechnology, ITER, SOA, deemed to be University, Bhubaneswar, India. during 20th – 22nd December 2019.
- 08 Kalpana Maheria has become a member of American Chemical Society (by invitation)
- 09 Kalpana Maheria's dissertation student, Mr. Rishav Krishna has been awarded Prime Minister Research Fellowship (PMRF) in the month of June 2019.
- 10 Naved I Malek has become a member of American Chemical Society (by invitation)
- 11 Ketan Kuperkar is elected as Executive Committee member of Indian Society for Surface Science and Technology (ISSST), for the period Jan, 2020 to December, 2021
- 12 Divya Patel (DS18CY002), Awarded as best poster presentation on "Clouding and hydrodynamic size distribution behavior of mixed Pluronics® in aqueous medium" International Conference on Materials for Environment, January 24 25, 2020, Durg, Chhattisgarh, India.
- 13 Dhruvi Patel (DS17CY001), Awarded as best oral presentation on "Antioxidants induced micellar transition in Tetronic® micelles unified with biocidal assay" One Days National Conference on Academia-Industrial interactions on Surfactants, Nanomaterials, Biosciences & Environmental Remediation February 9th, 2020, Surat, Gujarat, India.
- Peeyush Sethy (I15CY019), Awarded as best Poster on "Activated carbon impregnated Polyurethane foam in enhanced solvent and oil adsorption from water", One Days National Conference on Advances in chemical sciences and technology for environment and sustainability February 27th, 2020, Surat, Gujarat, India.

Applied Mathematics and Humanities Department

H. P. Bulsara

Mentor to the Surati iLab, Technology Business Incubation Centre established by Surat Municipal Corporation under Smart City project for creating Entrepreneurship culture in the Community. It is a part of activities related to the services to the community and society in line with the Institute Outreach Activities.

Neeru Adlakha

- 1 Member ,Editorial Board of CSI Journal of Computing Dec2019-Dec2020
- 2 Secretary and member, Work Group on Bioinformatics and Its Applications, TC-5International Federation of Information Processing, a UNESCO Body on IT since 2015

R. K. Jana

- 1 R. K. Jana has been invited as a Reviewer (No. 140844) of Mathematical Reviews/ MathSciNet of American Mathematical Society.
- 2 R. K. Jana has been Awarded Collaborative Research Grant from Department of Space, ISRO, Govt. of India of Rs. 22,20,000/- for the research project "Simulation and Land Data Assimilation to Community Land Model for Improving Rice Crop Dynamics" (ongoing) (from 03.03.2020 to still date).
- 1 Ekadashi Das has cleared UGC-NET (JRF) after joining the Department.
- 2 Gowri R. Chandran has been invited as a visiting student (January 2020 to May 2020) at Bar-Ilan University Israel.

Applied Physics Department

D. R. Roy

- Regular Fellowship 2019-20 of Hanse-Wissenschaftskolleg (Institute for Advanced Study), Delmenhorst, Germany
- 2 Elected Fellow (2019) of the Indian Chemical Society, Kolkata

Chemical Engineering Department

- Z. V. P. Murthy acting as Editorial Board Member as below;
- (i) "Waste and Biomass Valorization" Journal (Springer, since 2009)
- (ii) "Athens Journal of Technology and Engineering" [Athens Institute for Education and Research (ATINER), Greece, since 2016] (iii) "Athens Journal of Sciences" (ATINER, Greece, since 2016)

Jigisha Parikh has been selected as "Fellow of The Royal Society of Chemistry" by the UK's professional body-The Royal Society of Chemistry for Chemical Sciences for her outstanding contributions to the chemical sciences.

V. N. Lad has worked as the State Coordinator for the state of Gujarat, and union territory of Dadra and Nagar Haveli; for preparation of the National Perspective Plan for Technical Education In India - an AICTE-MHRD initiative

Jigisha K Parikh , Development of catalytic process for Aether's molecule, Aether Industries Ltd. Surat, 2.0 Lac, 2019-2020

Civil Engineering Deapartment

B. N. Tandel

- Authors, Ramesh Ranpise (PhD scholar) & Dr. B. N. Tandel, secured 1st prize in paper presentation at International Conference on Sustainable Environmental Engineering and Science (SEES-19) held at Kolkata, India on 29-30th Nov-2019.
- 2. Won Bronze Medal (3rd position) in Table Tennis doubles event at the All India Inter NIT Sports Meet, held at MNIT, Jaipur in Oct-2019.

Ashish Dhamaniya

 Recipient of Best Paper Award in First National Conference on Emerging Research and Innovations in Civil Engineering (ERICE 2019) organized by Dr. S. & S.S. Ghandhy Government Engineering College, Surat in 2019. 2. Recipient of Sponsored Research Project worth Rs. 26 Lakhs by Science and Engineering Research Board (SERB), Department of Science & Technology (DST), New Delhi.

A. K. Desai

- 1. Working as a structural reviewer for, above 45 meter tall building (private and government) along with R&B (Roads and Building), Surat Municipal Commission (SMC) and SUDA.
- Completed first international consultancy project for Indo-Baharat reyon (Aditya-Birla group) Java Island, Indonesia near Jakarta.
- 3. Second international consultancy project ongoing for Indo-Baharat reyon (Aditya-Birla group) Java Island, Indonesia near Jakarta.
- 4. Involved in the development of COVID center at civil hospital campus. Task was accomplished within 8 hours.

B. K. Vendhan

- 1. Acted as a BOS member at Sanjivani College of Engineering , Kopargaon, Maharastra on 21st July 2019.
- Acted as a Technical Committee member for 5th International Conference on Building Materials and Construction (ICBMC 2020) which was held at Tokyo Japan during 26-29 Feb.2020.
- 3. Acted as a Technical Committee member for 5th International Conference on Civil Engineering and Materials Science (ICCEMS 2020) which was held at Singapore during 15-18 May.2020.

C. H. Solanki

ISSMGE has approved the following grant to the research scholars

- 1. Vemula Anand Reddy was received award of EGRWSE2019, USA (2000 USD)
- 2. Bhavita Dave was received award of UNSAT2019, Japan (1400 USD)

D A Patel

1. DD A Patel has been elected as a representative of institutional member of Indian Building Congress for Gujarat State in 24th Annual General Meeting held on January 7, 2020 in Vigyan Bhavan New Delhi.

C. D. Modhera

- 1. Selected as a Chairman of ICI Surat Centre.
- 2. Nominated by Collector as Member of Vidyalaya Management Committee Member, Kendriya Vidyalaya No. 1, Ichhanath Surat.

J.E.M. Macwan

- 1. Twining Activity Acted as a continuous coordinator with MMMUT, Gorakhpur to organize various faculty development programs in the subjects of civil engineering.
- 2. Acted as a liaison faculty member between MMMUT, Gorakhpur and SVNIT, Surat to organize faculty interaction between two institutes.

J.N. Patel

- Nominated asMARGDARSHAK by AICTE, New Delhi at Shri S.N. Patel Institute of Technology, Umrakh, Bardoli, Dist: Surat
- 2. Nominated asReviewer for different types of Projects / Schemes sponsored by AICTE, New Delhi.

K. A. Chauhan

- 1. Excellence Performance in Green and Eco-friendly Movement Certified Professional test (GEM CP) conducted by ASSOCHAM, New Delhi.
- Best Paper award (Authors: Rakeshkumar K Tiwari and Krupesh A. Chauhan) for "Strategies and Analysis of RERA across a few State in India" at Sixth International conference on emerging Trends in Civil engineering at Tulsiramji Gaikwad Patil College of Engineering & Technology, Nagpur during 20-21 Dec 2019.

S. M. Yadav

 Authors, Vijendra Kumar (PhD scholar) and S. M. Yadav received the best paper at HYDRO 2019, 24th International Conference on Hydraulics, Water Resources and River Engineering, Osmania University, India, 18th-20th December 2019.

P. L. Patel

 Priyank Sharma has joined as a post-doctoral research fellow at Florida Atlantic University (FAU), Boca Raton, Florida Ms. Vineela Nandam is selected for DST-Inspire Fellowship to pursue her PhD on August 2019.

Jitesh T. Chavda

 Best Paper Award: Indian Geotechnical Conference 2019, Technical Session 1-4, organized by Indian Geotechnical Society, Surat Chapter and SVNIT, Surat.

Computer Engineering Department

- 01 Udai Pratap Rao Completed 12 weeks (Jan- April 2020) NPTEL online certification course on Cryptography and Network Security with score of 99%.
- O2 Dilay Parmar Best Paper- Runner-up, Poster title "Privacy-Preserving Dummy Generation in Location Based Services", The 9th International Conference on Security, Privacy and Applied Cryptography engineering (SPACE-2019) held at DA-IICT Gandhinagar.
- Dilay Parmar got second prize in PhD Forum Poster Demonstration in connection with the 3rd ISEA International Conference on Security and Privacy (ISEA-ISAP 2020) organized by Department of Computer Engineering, IIT Guwahati from 27th February- 1st March 2020.
- O4 Sameer Mandloi (U16CO097), Atharva Kalsekar (U16CO063), Avinash Jaiswal (U16CO070) got 1st prize winner in online hackathon Mindjam, organized by Developers Student Club (DSC)-NIT on devfolio platform.
- Vivek Shah (U16CO109), Nikhil Rathore (U16CH079), Raj Detroja (U16CO053), Coach Mukesh A. Zaveri Ranked 27th in ICPC (International Collegiate Programming Contest) Asia Region Kanpur Site 2019, organized by UIET, CSJM University, Kanpur.
- 06 Vidhey Joshipura (U16CO057), Akashkumar Patel (U16CO006), Saurabh Vashney (U16CO111), Coach Mukesh A. Zaveri Participated in ICPC (International Collegiate Programming Contest) Asia Region Kanpur Site 2019, organized by UIET, CSJM University, Kanpur.
- 07 Vedant Dalal (U17CO006), Pooja Nanavati (U17ED003), Kalp Panwala (U17CO085), Coach Mukesh A. Zaveri Participated in ICPC (International Collegiate Programming Contest) Asia Region Kanpur Site 2019, organized by UIET, CSJM University, Kanpur.
- Riya Singhal (U18CO016), Shruti Bhatt (U18CO011), Subham Bajaj (U18CO029), Coach Mukesh A. Zaveri Participated in ICPC (International Collegiate Programming Contest) Asia Region Kanpur Site 2019, organized by UIET, CSJM University, Kanpur.
- 09 Subham Agrawal (U17CO110), Sarvesh Dubey (U17EC152), Prakash Saini (U17EC151), Coach - Mukesh A. ZaveriParticipated in ICPC (International Collegiate Programming Contest) Asia Region Kanpur Site 2019, organized by UIET, CSJM University, Kanpur.
- Hemant Chourasia (U17CO043), Dhvanil Vadhar (U17CO009), Suryansh Singh Rahore (U17CO044), Coach Mukesh A. Zaveri Participated in ICPC (International Collegiate Programming Contest) Asia Region Kanpur Site 2019, organized by UIET, CSJM University, Kanpur.
- Meet Soni (U18CO075), G. K. Roy (U18CO020), Parth Garasiya (U18CO014), Coach Mukesh A. Zaveri Participated in ICPC (International Collegiate Programming Contest) Asia Region Kanpur Site 2019, organized by UIET, CSJM University, Kanpur.
- 12 Karan M Mashru (U18CO043) got 1st Rank on leader board in "Basic programming" section on Hacker earth (Home to 3M+ talented developers and trusted by 1000+ top enterprises).
- 13 Neel B Majethiya (U19CS014) Completed 6 Courses on Web Development, Machine Learning, Data science and Machine Learning. Runner up in IOT Workshop at CEV SVNIT (made Smart watch as project).
- 14 Krithikha Balamurugan (U19CS076) and G.V Sankirtana (U19CS068) got 2nd position in ACM month of code, Surat.
- 15 Ronik Gandhi (U17CO014), Punit Jain (U17CO091) and Rishab Kumar (U17CO052) Ranked 35th in ACM-ICPC 2019 Regionals (location Amritapuri) Ranked 29th in ACM-ICPC 2019 Regional (location Kharagpur).
- 16 Raj Shah (U17CO107) and Viren Kathiriya (U17CO113) Ranked 1st in Dot slash 3.0 Hackathon (in Agora Track), SVNIT, Surat.
- 17 Ujjwal Kumar (U17CO089) Hrishabh Sharma (U17CO094) and Aman Mishra (U17CO112) Selected in Google Summer code of 2020.

	Electrical Engineering Department
01	Mohd Shadab and Vallamkundu Raaga Chandrika were awarded the prestigious OPJEMS'19 scholarship award of Rs 80000 in the year 2019.
02	Gulshan Rana was Google CodeIn 2019 mentor of Tensor Flow organization.
03	Himanshu Jain was national finalist at case study competition called ASPIRE organized by SP Jain Institute of Management (SPJIMR).
04	SVNIT team lead by Himanshu Jain was Runner-Up of DAAYITVA 2.0, Social B Plan and Case Study Competition organized by IIM Sirmaur, where SVNIT team defeated IIM Lucknow in the finals.
05	Shaival H Nagarsheth and Dhruvi Bhatt working under the supervision of Dr. S.N. Sharma received the IFAC-YAS award in 2020.
06	Atul Yadav (D19EL001, Ph. D. Scholar) under the guidance of Vasundhara Mahajan was received the best paper award at IEEE Student Conference on Research and Development (SCOReD) 2019 held at Universiti Teknologi PETRONAS (UTP), Malaysia, 15-17 Oct 2019.
07	Neeraj Singh (D18EL003, Ph. D. Scholar EED) and Soumya Mudgal (U16EE004, B. Tech. student) under the guidance of Vasundhara Mahajan were received travel grant to present his paper at IEEE Student Conference on Research and Development (SCOReD) 2019 held at Universiti Teknologi PETRONAS (UTP), Malaysia, 15-17 Oct 2019.
08	Neeraj Singh (D18EL003) at IEEE-PES GTD Grand International Conference & Exposition Asia 2019 (IEEE-PES GTD Asia 2019) 19-23 March 2019 in Bangkok, Thailand.
09	Neeraj Singh (D18EL003, Ph. D. Scholar EED) under the guidance of Vasundhara Mahajan was received travel grant to present his paper at 2 nd International Conference on Information and Communications Technology 2019(2nd ICOIACT 2019), 24-25 July, 2019, Universitas AMIKOM Yogyakarta, Indonesia.
10	Appala Naidu received the best paper award at Proc. International conference on power electronics applications and technology in present energy scenario (PETPES-2019) organized by Electrical and Electronics Engineering Department, NITK Surathkal, 29-31 August 2019
11	Jayadeep Srikakolapu, a research scholar, working under the supervision of Sabha Raj Arya and Rakesh Maurya was received the best paper presentation award at 1st International Conference on Innovation in Electrical Power Engineering, Communication, and Computing Technology) for LNEE, Springer, Bhubaneswar, 13th-14th December 2019, pp.1-13
12	Sabha Raj Arya served as Guest Editors for Special Issue on Control and Power Quality in Renewable Energy Systems in International Transactions on Electrical Energy Systems, Wiley (Impact factor:1.692) from April 2020 to Dec 2020.

	Electronics Engineering Department
01	Upena Dalal has received award "Distinguish Women in Engineering" for her overall contribution in the field of Electronics & Communication on 7 th March 2020 from the VENUS International foundation, Chennai.
02	A. D. Darji (Chief Investigator), P. J. Engineer (Co-Chief-Investigator), J. N. Sarvaiya, Z. M. Patel, M. C. Patel, Rasika Dhavse (Co-PI) has received a grant of Rs. 80.00 lacs for a project entitled "SMDP-C2SD" sponsored by Ministry of electronics and IT (MeitY). (Duration 2016-2020).
03	P N Patel (PI), J N Sarvaiya (C0-PI) has received a grant of Rs.18.00 lacs for a project entitled "Design and Development of Co-Planar Waveguide based Wearable Bio-Sensor for Medical Application," sponsored by Ministry of Science & Technology, Department of Biotechnology Government of India. (Duration March - 2020-March 2022).
04	Kirti Inamdar (PI), U.D. Dalal (Mentor)has received a grant of Rs.30.00 lacs for a project entitled "Fractal Metamaterials for Wearable Devices," sponsored by WOSA-DST. (Duration 2018-2021).
05	K.P.Upla has received a grant of Rs.23,03,180/- for a project entitled To study and implementation of Generative Adversarial Network for super-resolution on images captured from CCTV," sponsored by SERB, DST. (Duration 10-08-2018 TO 09-08-2021).
06	P N Patel has received a grant of Rs.37.00 Lacs for a project entitled"Research Contingency Grant" of Young Faculty Research Fellowship (YFRF)," sponsored by Ministry of Electronics and Information Technology (MeitY), Govt. of India. (Duration Jan-2018 TO Jan - 2023).

07	Shweta Shah(PI), Darshna Jagiwala, Mehul Desai (PhD scholars) has received a grant of Rs.18.90 Lacs for a project entitled Study, Design and Simulation of Ionodelay effect based on Ionospheric Models and their correction techniques using Software Defined Radio, sponsored by ISRO. (Duration 2017 TO 2020).
80	Upena Dalal (PI), Shweta Shah (Co-PI) has received a grant of Rs.31.00 Lacs for a project entitled "SIRMI: Strengthening IRNSS Receiver by Mitigation of Interference," sponsored by ISRO. (Duration 2017 TO 2019).
09	Shweta Shah(PI) Nitigna Chaudhari(PG student) has received a grant of Rs.80.00 Thousand for a project entitled Design an Application for Land sliding observation using IRNSS, sponsored by TEQIP-III. (Duration 2019 TO 2020).
10	Shweta Shah(PI), UG studentshas received a grant of Rs.50.00 Thousand for a project entitled "Development of 3D modelling and mapping for indoor navigation," sponsored by TEQIP-III. (Duration 2019 TO 2019).
11	Shweta Shah(PI), UG studentshas received a grant of Rs.50.00 Thousand for a project entitled "Developing Simultaneous Localization and Mapping for UAVs," sponsored by TEQIP-III. (Duration 2019 TO 2019).
12	Shweta Shah(PI), UG studentshas received a grant of Rs.1.00 Lacs for a project entitled "Development of UAV for Delivery Solutions," sponsored by TEQIP-III. (Duration 2019 TO 2019).
13	Sanjay Soni(PI)has received a grant of Rs.18.00 Lacs for a project entitled "Cognitive Radio testbed development," sponsored by NPIU, TEQIP III. (Duration July 2019 TO Continue).

13.2 Achievements made during the reporting year 2019-2020

(i) Publication in the International Journals

	Applied Chemistry		
No.	/*Authors, Title of the Paper, Name of the Journal, Publisher, Page Nos. Year*/		
1.	Hitesh P. Chauhan, Abhishek Soni, Vipul Kheraj, B. Z. Dholakiya, Preparation Of Stable And Optimized Antibody-Gold Nanoparticle Conjugates For Point Of Care Test Immunoassays, Advance Materials Letters, Volume 11, Issue 1, Pages 20011461 (1-5), Year 2020.		
2.	M.L. Desai, H. Basu, S. Saha, R.K. Singhal, K. Suresh Kumar, One pot synthesis of fluorescent gold nanoclusters from Curcuma longa extract for independent detection of Cd ²⁺ , Zn ²⁺ and Cu ²⁺ ions with high sensitivity, Journal of Molecular Liquids, 304, 112697, 2020		
3.	M. L. Desai, S. Jha, H. Basu, S. Saha, R. K. Singhal, K. Suresh Kumar, Simple hydrothermal approach for synthesis of fluorescent molybdenum disulfide quantum dots: Sensing of Cr ³⁺ ion and cellular imaging, Materials Science and Engineering: C, 111, 110778, 2020.		
4.	M. Ashrafizadeh, R. Mohammadinejad, K. Suresh Kumar, Z. Ahmadi, E. G. Afshar, A. Pardakhty, Carbon dots as versatile nanoarchitectures for the treatment of neurological disorders and their theranostic applications: A review, Advances in Colloid and Interface Science, 278, 102123, 2020.		
5.	M.R. Kateshiya, N.I. Malek, Z.V.P. Murthy, K. Suresh Kumar, Designing of glutathione-lactose derivative for the fabrication of gold nanoclusters with red fluorescence: Sensing of Al ³⁺ and Cu ²⁺ ions with two different mechanisms, Optical Materials, 100, 109704, 2020,		
6.	S.H. Baek, J. Roh, C.Y. Park, M.W. Kim, R. Shi, K. Suresh Kumar, T. J. Park, Cunanoflower decorated gold nanoparticles-graphene oxide nanofiber as electrochemical biosensor for glucose detection, Materials Science and Engineering: C 107, 110273, 2020.		
7.	R. Rafique, A. R. Gul, I. G. Lee, S. H. Baek, K. Suresh Kumar, N. Iqbal, E. J Cho, M. Lee, T. J. Park, Photo-induced reactions for disassembling of coloaded photosensitizer and drug molecules from upconversion-mesoporous silica nanoparticles: An effective synergistic cancer therapy, Materials Science and Engineering: C, 110, 110545, 2020.		

8.	K. Suresh Kumar, J.R. Koduru, K. Vikrant, Y.F. Tsang, R.K. Singhal, C.M. Hussain, K.H. Kim, Recent progress on solution and materials chemistry for the removal of hydrogen sulfide from various gas plants, Journal of Molecular Liquids, 297, 111886, 2020
9.	K. Suresh Kumar, T.P. Nguyen, S.H. Baek, R. Rafique, T.J. Park, Assembly of 6-aza-2-thiothymine on gold nanoparticles for selective and sensitive colorimetric detection of pencycuron in water and food samples, Talanta, 205, 120087, 2019
10.	M.L. Desai, S. Jha, H. Basu, R.K. Singhal, T.J. Park, K. Suresh Kumar, Acid oxidation of muskmelon fruit for the fabrication of carbon dots with specific emission colors for recognition of Hg ²⁺ ions and cell imaging, ACS omega 4 (21), 19332-19340, 2019
11.	M.L. Desai, H. Basu, S. Saha, R. K. Singhal, K. Suresh Kumar, Investigation of silicon doping into carbon dots for improved fluorescence properties for selective detection of Fe ³⁺ ion, Optical Materials, 96, 109374, 2019.
12.	R. Rafique, K. Suresh Kumar, T. J. Park, Recent advances of upconversion nanoparticles in theranostics and bioimaging applications, Trends in Analytical Chemistry, 120, 115646, 2019.
13.	Y. Upadhyay, R. Kumar, Ashok Kumar SK and Suban K Sahoo, Vitamin B ₆ cofactors conjugated ovalbumin-stabilized gold nanoclusters: application in alkaline phosphatase activity detection and generating white-light emission, Microchemical Journal, 2020, 156, 104859.
14.	A. Yadav, Y. Upadhyay, R. K. Bera, Suban K Sahoo, Vitamin B₅ cofactors guided highly selective fluorescent turn-on sensing of histamine using beta-cyclodextrin stabilized ZnO quantum dots, Food Chemistry, 2020, 320, 126611.
15.	Y. Upadhyay, R. Kumar and Suban K Sahoo, Developing a cost-effective bioassay to detect alkaline phosphatase activity and generating white light emission from a single nano-assembly by conjugating vitamin B₀ cofactors with lysozyme-stabilized fluorescent gold nanoclusters, ACS Sustainable Chemistry & Engineering, 2020, 8, 4107-4113.
16.	N. Singh, Suban K Sahoo, R. Kumar, Hemolysis tendency of anticancer nanoparticles changes with type of blood group antigen: An insight into blood nanoparticle interactions, Materials Science and Engineering: C, 2020,109, 110645.
17.	Y. Upadhyay, S. Bothra, R. Kumar, Ashok Kumar SK and Suban K Sahoo, Mimicking biological process to detect alkaline phosphatase activity using the vitamin B ₆ cofactor conjugated bovine serum albumin capped CdS quantum dots, Colloids and Surfaces B: Biointerfaces, 2020, 185, 110624.
18.	A. K. Srivastava, Y. Upadhyay, M. Ali, Suban K. Sahoo, R.K. Joshi, Iodine catalysed unprecedented synthesis of ferrocenated thiols and bis-dithianes: Chemoselectivity and smart phone based metal sensing application, Journal of Organometallic Chemistry, 2020, 920, 1213182.
19.	Y. B. Wagh, K. C. Tayade, A. Kuwar, Suban K. Sahoo, Mayank, N. Singh, Exploration of highly selective fluorogenic 'on-off' chemosensor for H ₂ PO ₄ ⁻ ions: ICT-based sensing and ATPase activity profiling, Luminescence, 2020, 35, 379-384.
20.	N. Kshirsagar, R. Sonawane, P. Patil, J. Nandre, P. Sultan, S. Sehlangia, C.P. Pradeep, Y. Wang, L. Chen, Suban K. Sahoo, Fluorescent chemosensor for Al(III) based on chelation-induced fluorescence enhancement and its application in live cells imaging, Inorganica Chimica Acta, 2020, 511, 119805.
21.	Suban K Sahoo, Guido Crisponi, Recent Advances on Iron(III) Selective Fluorescent Probes with Possible Applications in Bioimaging, Molecules, 2019, 24, 3267.
22.	H. A. Patel, A. Gutal, Suban K. Sahoo, H. P. Soni, Asymmetric Direct Aldol Reaction in Confined Space: Molecular Conformations of Organocatalyst Affect Chiral Induction, ChemistrySelect, 2019, 4, 13210-13218.
23.	Vetriarasu Venkatesan, R Selva Kumar, SK Ashok Kumar, Suban K Sahoo, Dual optical properties of new Schiff base based on bisthiophene for sensing of Cu2+ in protic media, Journal of Molecular Structure, 2019, 1198, 126906.
24.	Jung Eun Park, Thangaraj Anand, Vinita Bharadwaj, Suban K Sahoo, Heung-Jin Choi, A novel fluorescent triazole trindane-coumarin receptor for the selective detection of nitroaromatics, Journal of Photochemistry and Photobiology A: Chemistry, 2019, 383, 111990.

25.	Vinita Bharadwaj, Jung Eun Park, Suban K Sahoo, and Heung-Jin Choi, Selective Fluorescent Turn-Off Detection of Picric Acid Using a Novel Tripodal Supramolecular Triazole-Trindane-Based Receptor, ChemistrySelect2019, 4, 1–8.
26.	Vinita Bhardwaj, Thangaraj Anand, Heung-Jin Choi, Suban K Sahoo, Sensing of Zn(II) and nitroaromatics using salicyclaldehyde conjugated lysozyme-stabilized fluorescent gold nanoclusters, Microchemical Journal, 2019,104227.
27.	GD. Kim, S. Bothra, S. K. Sahoo, HJ. Choi, Tripodal tris(diamide) receptor having H-bond donors and acceptors on trindane platform for H₂PO₄⁻ recognition, Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2019, 95, 215-221.
28.	P. Patil, S. Sehlangia, A. Patil, C. Pradeep, Suban K. Sahoo, A new phthalimide based chemosensor for selective spectrophotometric detection of Cu(II) from aqueous medium, Spectrochimica Acta A, 2019, 220, 117129.
29.	V. Tekuri, Suban K. Sahoo, D. R. Trivedi, Hg2+ induced hydrolysis of thiazole amine based Schiff base: Colorimetric and fluorogenic chemodosimeter for Hg2+ ions in an aqueous medium, Spectrochimica Acta A, 2019, 218, 19-26.
30.	Shilpa Kulbhushan Nandwani, Naved I. Malek, Mousumi Chakraborty, Smita Gupta, A comprehensive study based on the application of different genre of Surface-Active Ionic Liquid and alkali combination systems in surfactant flooding, Energy and Fuels, 2020
31.	Muzammil Kuddushi, Debes Ray, Vinod Aswal, Clare Hoskins, Naved Malek, Poly(vinyl alcohol) and Functionalized Ionic liquid Based Smart Hydrogel for Doxorubicin Release, ACS Applied Biomaterials, Accepted
32.	Muzammil Kuddushi, Arvind Kumar, Debes Ray, Vinod Aswal, Omar A. El Seoud, Naved I Malek, Concentration and Temperature Responsive Reversible Transition in Amide Functionalized Surface Active Ionic Liquids: Micelles to Vesicles to Organogel, ACS OMEGA, Accepted.
33.	Muzammil Kuddushi, Arvind Kumar, Debes Ray, Vinod Aswal, Omar A. El Seoud, Naved I Malek, Concentration and Temperature Responsive Reversible Transition in Amide Functionalized Surface Active Ionic Liquids: Micelles to Vesicles to Organogel, ACS OMEGA, Accepted.
34.	Mehul Kateshoya, Gincy George, Jignesh Rohit, Naved Malek, Suresh Kailasa, Ractopamine as a novel reagent for the fabrication of gold nanoparticles: Colorimetric sensing of cysteine and Hg ²⁺ ion with different spectral characteristics, <i>Microchemical Journal</i> , 2020, 105212.
35.	Sargam M. Rajput, Muzammil Kuddushi, Ankit Shah, Debes Ray, Vinod K. Aswal, Suresh Kumar Kailasa, Naved I. Malek, Functionalized Surfactant Based Catanionic Vesicles as the Soft Template for the Synthesis of Hollow Silica Nanospheres as New Age Drug Carrier, Surfaces and Interfaces, Accepted.
36.	Sargam M. Rajput, Kulsum Mondal, Muzammil Kuddushi, Monika Jain, Debes Ray, Vinod K. Aswal, Naved I. Malek, Formation of hydrotropic drug/gemini surfactant based catanionic vesicles as efficient nano drug delivery vehicles, <i>Colloids and Interface Science Communication</i> , 2020, 37, 100273.
37.	G D Anilbhai, Mittal Desai, Naved Malek, Suresh Kailasa, Fluorescence detection of Fe3+ ion using ultra-small fluorescent carbon dots derived from pineapple (Ananas comosus): Development of miniaturized analytical method, <i>Journal of Molecular Structure</i> , 2020, 128343
38.	Shilpa K Nandwani, Naved I Malek, Mousumi Chakraborty, Smita Gupta, Insight into the application of Surface-Active ionic liquids in Surfactant Based Enhanced oil Recovery Processes- A Guide Leading to Research Advances. Energy Fuels 2020. Accepted
39.	Omar A El Seoud, Marc Kostag, Kerstin Jedvert, Naved I Malek, Cellulose Regeneration and Chemical Recycling: Closing the "Cellulose Gap" Using Environmentally Benign Solvents, Macromolecular Materials and Engineering, 2020, 1900832
40.	Muzammil Kuddushi, Nehal K Patel, Santosh L Gawali, Jitendra P Mata, Hadrian Montes-Campos, Luis M Varela, Puthusserickal A Hassan, Naved I Malek, Thermo-switchable de novo ionogel as metal absorbing and curcumin loaded smart bandage material, <i>Journal of Molecular Liquids</i> , 2020, 306, 112922.

41.	Mehul R. Kateshiya, Naved I Malek, Z.V.P. Murthy, Suresh Kumar Kailasa, Designing of glutathione-lactose derivative for the fabrication of gold nanoclusters with red fluorescence: Sensing of Al3+and Cu2+ ions with two different mechanisms Optical Materials or its open access mirror, <i>Optical Materials</i> , 100 (2020) 109704.
42.	Muzammil Kuddushi, Jitendra Mata, Naved I. Malek, Self-Sustainable, self-healable, Load Bearable and Moldable stimuli responsive ionogel for the Selective Removal of Anionic Dyes from aqueous medium, <i>Journal of Molecular Liquids</i> , In Press, https://doi.org/10.1016/j.molliq.2019.112048
43.	Muzammil Kuddushi, Nehal K Patel, Sargam Rajput, Omar A. El Seoud, Jitendra P. Mata, Naved I Malek, Temperature Responsive Low Molecular Weight Ionic Liquid Based Gelator: An Approach to Fabricate Anti-Cancer Drug Loaded Hybrid Ionogel, ChemSystemsChem In Press. https://doi.org/10.1002/syst.201900053
44.	Subhadeep Ghosh, Jigna R. Bhamore, Naved I. Malek, Z.V.P. Murthy, Suresh Kumar Kailasa, Trypsin mediated one-pot reaction for the synthesis of red fluorescent gold nanoclusters: Sensing of multiple analytes (carbidopa, dopamine, Cu ²⁺ , Co ²⁺ and Hg ²⁺ ions), Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, (2019) 215, 209-217.
45.	Muzammil Kuddushi, Nehal K Patel, Santosh L Gawali, Jitendra P Mata, Hadrian Montes-Campos, Luis M Varela, Puthusserickal A Hassan, Naved I Malek, Thermo-switchable de novo ionogel as metal absorbing and curcumin loaded smart bandage material, <i>Journal of Molecular Liquids</i> , 2020, 306, 112922.
46.	Mehul R. Kateshiya, Naved I Malek, Z.V.P. Murthy, Suresh Kumar Kailasa, Designing of glutathione-lactose derivative for the fabrication of gold nanoclusters with red fluorescence: Sensing of Al3+and Cu2+ ions with two different mechanisms Optical Materials or its open access mirror, <i>Optical Materials</i> , 100 (2020) 109704.
47.	Dhara H. Morawala, Ajay K. Dalai, Kalpana C. Maheria, "TTAB mediated synthesis of Meso-H-BEA and its application in the production of n-butyl levulinate", Catalysis Today, 348. 177-186, 2019,
48.	DH Morawala, AK Dalai, KC Maheria, "Synthesis of n-Butyl Levulinate Using Mesoporous Zeolite H- BEA Catalysts with Different Catalytic Characteristics", Catalysis Letters, 1-12, 2019.
49.	DR Lathiya, DV Bhatt, KC Maheria, "Sulfated Fly-Ash Catalyzed Biodiesel Production from Maize Acid Oil feedstock: A Comparative Study of Taguchi and Box-Behnken Design", ChemistrySelect, 150 (4), 1049-1060, 2020.
50.	Henilkumar M Lankapati, Dharmesh R Lathiya, Lalita Choudhary, Ajay K Dalai, Kalpana C Maheria, "Mordenite-Type Zeolite from Waste Coal Fly Ash: Synthesis, Characterization and Its Application as a Sorbent in Metal Ions Removal" ChemistrySelect, 5 (3), 1193-1198, 2020.
51.	A Somya, K. C. Maheria, Studies on polyoxyethylene octyl phenyl ether supported thorium (IV) phosphates: a new cation exchange material, Bulletin of Materials Science, 43 (1), 1-7, 2020.
52.	A. A. Kureshi, C. Dholakiya, T. Hussain, A. Mirgal, S. P. Salvi, P. C. Barua, M. Talukdar, C. Beena, A. Kar, T. J.Zachariah, Premlata Kumari, T. Dhanani, R. Singh and Satyanshu Kumar, Simultaneous identification and quantification of three biologically active xanthones in Garcinia species using a rapid UHPLC-PDA method. Acta Chromatographica, 32(3) 179-188, 2020.
53.	Azazahemad Kureshi, Amit Mirgal, Siddhesh Salvi, Premlata Kumari, Raghuraj Singh and Satyanshu Kumar, Antioxidant Activities and Phenolics Contents of Garcinia talbotii Fruit Rind, Research Journal of Medicinal Plants, Academic Journals Inc., USA, In Press, 2020
54.	D. Patel, K. Makwana, M. Shirdhonkar, K. Kuperkar, Electrochemical response and computational approach on surface-active ionic liquid (SAIL) in metal corrosion inhibition, Emergent Materials, 2020 DOI: 10.1007/s42247-020-00099-w.
55.	D. Patel, D. Ray, K. Kuperkar, H. Pal, V. K. Aswal, P. Bahadur, Solubilization, micellar transition and biocidal assay of loaded multifunctional antioxidants in Tetronic® 1304 micelles, Polym. Int.,2020, 1-8, DOI: 10.1002/pi.5962.

56.	D. Patel, D. Ray, K. Kuperkar, V. K. Aswal, P. Bahadur, Parabens induced spherical micelle to polymersome transition in thermo-responsive amphiphilic linear and star-shaped EO-PO block copolymers, J. Mol. Liq.,2020,DOI:10.1016/ j.molliq.2020.113897 (Article in Press).
57.	B. Kanoje, R. Joshi, T. Joshi, K. Kuperkar, Surface activity and antimicrobial performance of synthesized gemini surfactant and silver nanoparticles loaded gemini surfactants integrated with microscopy and scattering investigation, Emergent Materials, 2020, DOI: 10.1007/s42247-020-00084-3.
58.	P. Patidar, B. Kanoje, A. Bahadur, K. Kuperkar, D. Ray, V. K. Aswal, M. Wang, L.J. Chen, P. Bahadur., Micellar characteristics of an amphiphilic star-block copolymer in DES-water mixture, 2020, Colloids Polymer Science (<i>Accepted</i>).
59.	A. Jangir, B. Lad, U. Dani, K. Kuperkar, <i>In-vitro</i> toxicity assessment and enhanced drug solubility profile of green deep eutectic solvent derivatives (DESDs) combined with theoretical validation, RSC Advances, 2020, 10(40):24063-24072.
60.	U. Dani, A. Bahadur, K. Kuperkar, Validating interfacial behaviour of surface-active ionic liquids (SAILs) with computational study integrated with biocidal and cytotoxic assessment, Ecotoxicology and Environmental Safety, 2019,186:109784.
61.	A. Jangir, H. Mandvivala, P. Patel, S. Sharma, K. Kuperkar, Acumen into the effect of alcohols on Choline chloride: L-lactic acid-based deep eutectic solvent (NADES): A spectral investigation unified wit theoretical and thermopysical characterization, J. Mol. Liq., 10.1016/j.molliq.2020.113923.
62.	V. Kumar, N. Pal, A. Jangir, M. Lakshmi, D. Varade, A. Mandal, K. Kuperkar, Dynamic interfacial properties and tuning aqueous foamability stabilized by cationic surfactants in terms of their structural hydrophobicity, free drainage and bubble extent, Colioids Surfaces A, 2020, DOI: 10.1016/j.colsurfa.2019.124362.
63.	U. Dani, A. Bahadur, K. Kuperkar, Biotoxicity assessment and tissue-specific oxidative stress induced by Gemini surfactant as a protocol on <i>Cirrhinus mrigala</i> (Ham.): An integrated experimental and theoretical methodology, Ecotoxicology and Environmental Safety, 2019, 183 109478-86.
64.	V. Kumar, D. Patel, H. Pal, K. Kuperkar, A comprehensive insight on H-type aggregation in Congo red-surfactant systems revealed through physico-chemical studies integrated with simulation framework, Phy. Chem. Chem. Phys. 2019, 15584-15594.
65.	D. Patel, K. Makhwana, M. B. Shirdhonkar, K. Kuperkar, A new insight into non-steroidal anti-inflammatory drugs (NSAIDs) as modulated green inhibitory agent in mild steel corrosion, Chemistry Select, 2019, 4, 5799-5809.
66.	B. Kanoje, D. Patel, V. Kumar, J. Parikh, K. KuperkarUnraveling the Solubilization and Cytotoxicity study of poorly water-soluble anti-inflammatory drug in aqueous Gemini Surfactants solution with Physico-chemical characterization and simulation study Colloids and Surfaces B: Biointerfaces, 2019,179, 437–444.
67.	A. Jangir, D. Patel, R. More, A. Parmar, K. Kuperkar, New insight into Experimental and Computational studies of Choline Chloride-based 'green' Ternary Deep Eutectic Solvent (TDES), J. Mol. Struc. 2019, 1181, 295-299.
68.	A. Shirke, B. Dholakiya, K. Kuperkar, Enhancement of physico-chemical and anti-corrosive properties of tung oil based polyurethane coating via modification using anhydrides and inorganic acid. Surfaces and Interfaces 2019, 15, 180–190.
69.	Ritambhara Jangir, Mursaleem Ansari, Dhananjayan Kaleeswaran, Gopalan Rajaraman, Mallayan Palaniandavar, Ramaswamy Murugavel.Unprecedented Copper(II) Complex with Topoquinone-like Moiety as a Structural and Functional Mimic for Copper Amine Oxidase: Role of Copper(II) in the Genesis and Amine Oxidase Activity, ACS Catalysis, 2019, 10940-10950.
	Applied Mathematics and humanities Department
1.	Bhumika Maheshwari, R. K. Jana and A. K. Shukla (2019): Note on Extended Hypergeometric Function, Proyecciones Journal of Mathematics, Vol.38, No.3, 585-595. (SciELO)

2.	Ankit Pal, R. K. Jana and A. K. Shukla (2020): Some integral representation of the pRq(α,β;z)function, Int. J. Appl. & Comp. Math DOI: https://doi.org/10.1007/s40819-020-00808-3 (13 pages) (Springer)
3.	Amruta Daga Bhandari, Khyati Desai Chauhan, Vikas H. Pradhan Application of He's Homotopy Perturbation Method to Nonlinear Diffusion Equation, Journal of Xidian University, Vol. no. 14, issue 3,2020, 998 – 1015 (Scopus)
4.	Amruta Daga Bhandari, Vikas H. Pradhan A Novel approximate Analytical approach to solve the Boussinesq equation, Gedrag & Organisatie review, Vol. 33, issue 02, April-June 2020, 296 – 305 (Web of Science)
5.	Bulsara, H. P., & Pandya, E. A., Influence of demographic factors on security and privacy concerns in mobile payments, International Journal of Innovative Technology and Exploring Engineering, 9(2), 2019, 5135-5138, SCOPUS indexed
6.	Bulsara, H. P., & Pandya, E. A., Addressing the Trust Factor in Mobile Payments through Enhanced Security Controls, International Journal of Recent Technology and Engineering, 8(3) 2019, 6769-6773, SCOPUS indexed
7.	Bulsara, H. P., & Vaghela, P.S., Examination of Online Purchase Intention towards Consumer Electronics Products, International Journal of Research in Social Science, 10(1), 2020
8.	Bulsara, H. P., & Vaghela, P.S., Blockchain Technology for E-commerce Industry, International Journal of Advanced Science and Technology,29(5), 2020, 3793 – 3798, SCOPUS indexed
9.	Bulsara, H. P., & Vaghela, P.S., Online Shopping Intention for Consumer Electronics Products: A Literature Review and Conceptual Model, E-Commerce for Future & Trends, 7(1), 2020, 24-32.
10.	Bulsara, H. P., & Vaghela, P.S., SCHOLEDGE International Journal of Management & Development, 7(3), 2020, 47-58
11.	Bulsara, H. P., & Vaghela, P.S., E-commerce: An Indian Perspective, Tirpude's National Journal of Business Research, 9(2), 2019, 59-75
12.	Manita Matharu, Ruchi Jain And Hemantkumar P. Bulsara, Underpinning the Emergence of Sustainability Marketing: A Comprehensive Review of Literature & Future Research Agenda, Journal of Sustainability Science and Management, Accepted, SCOPUS indexed
13.	Krupa Sophia J. and Urvashi Kaushal. "An Exploration of the concepts of Place and Space in selected novels of M. G. Vassanji" in Forum on World Literature Studies (SCI journal) Vol.11 No. 4, Dec 2019 pp-563-583.
14.	Krupa Sophia J. and Urvashi Kaushal. "Negotiating 'Place, Memory and Identity" in M. G. Vassanji's The Assassin's Song: A humanistic Geographical Perspective" IUP Journal of English Studies (SCI Journal) Vol. XIX No. 1. (2019) Pp-67-78.
15.	Ramakanta Meher and V.P Gohil, Effect of Heterogeneity on Imbibition phenomenon in fluid flow through porous media with different porous materials with magnetic fluids, Journal of Porous Media,pp.219-234, Vol.23(3),2020 (Begell house Publishing house)
16.	Rishikesh Yadav, Ramakanta Meher, V. N. Mishra, Quantitative estimations of bivariate summation-integral—type operators, Mathematical Methods in the Applied Sciences, pp.7172-7191, Vol.42(18),2019 (Willy Publications)
17.	Ramakanta Meher and V.P Gohil, Analytical study of time fractional fractured porous medium equation under the effect of magnetic field, Special Topics & Reviews in Porous Media: An International Journal, pp.99-113, Vol.10(02), 2019 (Begell house Publishing house)
18.	Ramakanta Meher and N.D Patel, A study on magneto hydrodynamics Jeffery-Hamel flow with heat transfer problem in Eyring-Powell fluid using Differential Transform Method, Journal of Applied Mathematics and Computational Mechanics, pp. 57-68, 2019 (The Publishing office of Czestochowa University of Technology)
19.	Ramakanta Meher and V.P Gohil, Effect of Viscous Fluid on the Counter-Current Imbibition Phenomenon in Two-Phase Fluid Flow Through Heterogeneous Porous Media with
<u> </u>	

	Magnetic Field, Iranian Journal of Science and Technology, Transactions A: Science, pp.1799-1810,Vol.43,2019 (Springer International Publishing)
20.	Ramakanta Meher and V.P Gohil, Modelling of counter current imbibition phenomenon in two-phase fluid flows through fractured heterogeneous porous media under the effect of magnetic field, International Journal of Computational Materials Science and Engineering, https://doi.org/10.1142/S2047684120500062, 2020. (World Scientific Publishing Company)
21.	Ramakanta Meher and J.Kesarwani, Modelling of an imbibition phenomenon in a heterogeneous cracked porous medium on small inclination, Special Topics & Reviews in Porous Media: An International Journal, DOI: 10.1615/SpecialTopicsRev PorousMedia.2020030994,2020 (Begell house Publishing house)
22.	Ramakanta Meher and J.Kesarwani, Computational study of time-fractional porous medium equation arising in fluid flow through a water-wet porous media, International Journal of Computational Materials Science and Engineering, https://doi.org/10.1142/S2047684120500074 , 2020 (World Scientific Publishing Company)
23.	Nisha Singh & Neeru Adlakha Three dimensional coupled reaction-diffusion modeling of calcium and inositol 1,4,5-trisphosphate dynamics in cardiomyocytes, RSC Advances,9 (72),2019, 42459-42469, SCIE IF=3.049
24.	Babita Kumari &Neeru Adlakha ,Two-dimensional finite element model to study the effect of periodic physical exercise on temperature distribution in peripheral regions of human limbs, Network Modeling Analysis in Health Informatics and Bioinformatics ,9 (1),2020,1-13 ,SCOPUS,IF = 1.06
25.	Yogita Jagtap & Neeru Adlakha , Numerical study of one dimensional buffered advection diffusion of calcium and IP3 in a hepatocyte cell, Network Modeling Analysis in Health Informatics and Bioinformatics, Springer ,8 (1), 2019, 25, SCOPUS ,IF = 1.06
26.	Nisha Singh & Neeru Adlakha ,Nonlinear Dynamic Modeling of 2-Dimensional Interdependent Calcium and Inositol 1, 4, 5-Trisphosphate in Cardiac Myocyte , Mathematical Biology and Bioinformatics, Springer,14(1),2019,290-305,SCOPUS,IF=0.642
27.	Nisha Singh & Neeru Adlakha ,A mathematical model for interdependent calcium and inositol 1, 4, 5-trisphosphate in cardiac myocyte , Network Modeling Analysis in Health Informatics and Bioinformatics Springer ,8 (1) ,2019,18-28,SCOPUS IF = 1.06
28.	Nisha Singh & Neeru Adlakha,Portraying the effect of source influx on interdependent calcium and inositol 1; 4; 5-trisphosphate dynamics in cardiac myocytes,Communications in Mathematical Biology and. Neuroscience, SCIK publications ,Article ID 26,2019,pp1-17,SCOPUS,IF=0.70
29.	Brajesh Jha, Amrita Jha & Neeru Adlakha Three-Dimensional Finite Element Model to Study Calcium Distribution in Astrocytes in Presence of VGCC and Excess Buffer, Differential Equations and Dynamical Systems, Springer, 2019, 1-14, SCOPUS
30.	R Mathur & Neeru Adlakha, A new measure of dissimilarity and fuzzy linear programming model to construct phylogenetic network among DNA sequences, Network Biology, 9(4): 2019, 78-95 Web of Science
31.	Kakran, V., & Mohan Dhodiya, J. (2020). Charnes and Cooper's Transformations for Solving Uncertain Multi-Item Fixed Charge Solid Transportation Problem. <i>Science & Technology Asia</i> , 25(1), (2020) pp: 142-156. Retrieved from https://ph02.tci-thaijo.org/index.php/SciTechAsia/article/view/240327
32.	Sosa Jaydeepkumar M, Jayesh M. Dhodiya, Genetic Algorithm Based Hybrid Approach to solve Multi-objective Interval Transportation Problem, Applied Mathematics and Statistics TM, Volume 59, Issue Number: 3, pp. 32-48 (2020), (ESCI) http://www.ceser.in/ceserp/index.php/ ijamas/issue/view/675.
33.	Jaydeepkumar M. Sosa, Jayesh M. Dhodiya. (2020). The Solution of Multi-Objective Transportation Problem with Fuzzy Cost and Multi-Choice Demand with Genetic Algorithm Based Approach. International Journal of Advanced Science and Technology, 29(3), 8402 - 8416 (2020). Retrieved from http://sersc.org/journals/index.php/IJAST/article/view/9875

34.	Rekh Riddhi Ketankumar, Jayesh M. Dhodiya, "Possibilistic Distribution for Selection of Critical Path in Multi Objective Multi-Mode Problem with Trapezoidal Fuzzy Number" International Journal of Recent Technology and Engineering, 2019, Vol 8 (4), pp:10833-10842	
35.	Rekh Riddhi Ketankumar, Jayesh M. Dhodiya, "Multi Objective Multi Mode Project Management Problem in Triangular Fuzzy Environment", International Journal of Innovative Technology and Exploring Engineering, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, December 2019	
36.	Dhiren Pandit, Jayesh Dhodiya, PCA + LDA Fuzzy Based Model for Emotional Nature Recognition of Human Video, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3, September 2019.	
37.	Rekh, Riddhi &Dhodiya, Jayesh., Solution of fuzzy multi criteria project management problem by Fuzzy programming technique with possibilistic approach. Indian Journal of Science and Technology. 12. 1-21(2019). 10.17485/ijst/2019/v12i11/142064.	
38.	Surbhi Tilva, Jayesh Dhodiya , Hybrid Jaya Algorithm for Solving Multi-Objective 0-1 Integer Programming Problem, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019	
39.	Sosa Jaydeepkumar M, Jayesh M. Dhodiya , Genetic Algorithm Based Solution of Fuzzy Multi-Objective Transportation Problem, International Journal of Mathematical, Engineering and Management Sciences, Vol. 5, No. 6, 1452-1467, 2020	
40.	Indira P. Debnath and S. K. Gupta, The Karush-Kuhn-Tucker conditions for multiple objective fractional interval valued optimization problems, Rairo-Operations Research, 54 (2020), 1161-1188.	
41.	D. J. Bhatt, V. N. Mishra and R. K. Jana, On a New Class of Bernstein Type Operators Based on Beta Function, Khayyam J. Math. 6 (2020), no. 1, 1–15. DOI:10.22034/kjm.2019.97090	
42.	D. J. Bhatt, V. N. Mishra and R. K. Jana, New class of beta type operators approximating integrable function, Advances in Operator Theory, 2020, https://doi.org/10.1007/s43036-019-00020-1	
43.	A. Pal, R. K. Jana, and A. K. Shukla, "Some integral representations of the \$_pR_q(\alpha,\beta;z)\$ function", Int. J. Appl. Comput. Math 6, 72 (2020). https://doi.org/10.1007/s40819-020-00808-3	
44.	Shreekant Pathak and Twinkle Singh, Approximate solution of imbibition phenomenon arising in heterogeneous porous media by optimal homotopy analysis method, International Journal of Computational Materials Science and Engineering, ISSN (print): 2047-6841 ISSN (online): 2047-685X, Volume 08, Issue 03 (September 2019)	
45.	Vijay Saw, Sushil Kumar, Collocation method for time fractional diffusion equation based on the Chebyshev polynomials of second kind, International Journal of Applied and Computational Mathematics, Springer, 6:117 (2020)	
46.	Rohit Verma, Sushil Kumar, Computational study on constant and sinusoidal heating of skin tissue using radial basis functions, Computers in Biology and Medicine, ScienceDirect, 121 (2020)	
	Applied Physics Department	
1.	Niket Shastri, Kamlesh Pathak, New Cloud Detection Index (Cdi) For Forecasting The Extreme Rain Events, Adv. In Remote Sensing, 8(1), 30-39, 2019.	
2.	Niket Shastri, Kamlesh Pathak, Trend And Seasonal Variation Of Total Perceptible Water Vapor Content Using Radio-Sounding Observations At Chennai (Vomm) For The Period (1974- 2017).losr Journal Of Applied Geology And Geophysics (Iosr-Jagg),7(1), 15-21, 2019	
3.	Sp Karia, Nc Patel, K N Pathak, On The Performance Of Iri-2016 To Predict The North-South Asymmetry Of The Equatorial Ionization Anomaly Around 73° E Longitude, Adv. Space Research, 63(6), 1937, 2019	

4.	Nc Patel, S P Karia, K N Pathak, Evaluation Of The Improvement Of Iri-2016 Over Iri-2012 At The India Low-Latitude Region During The Ascending Phase Of Cycle 24, Adv. Space Research, 63(6), 1860, 2019
5.	S Parmar, U Dalal, K Pathak, Analysing Impact Of Major Solar Flares On Ionospheric Tec With Rtism Model Using Irnss Receiver, At Svnit, Surat, India., let Communications, 13(18), 2946-2955, 2019
6.	S Parmar, U Dalal, K Pathak, Analysing Impact Of Major Solar Flares On Ionospheric Tec Using Navicsignals , Current Science, 118(3),2019
7.	"Green Synthesis Of Reduced Graphene Oxide With In Situ Decoration Of Metal Nanoparticles For Charge Storage Application" Materials Today: Proceedings 21 (2020) 2066–2071
8.	V.M. Jain, D.V. Shah, K.K. Patel, M.S. Shah "Surfactant Free Synthesis And Study Of Vanadium Pentoxide Nanostructure" Journal Of Nano- And Electronic Physics Vol. 12 No 2, 02012(1) (2020)
9.	I.A. Shaikh , A.V. Raval, D.V. Shah "Investigating The Effect Of Sintering Treatment On Structural And Magnetic Properties Of Fe3o4 Nanoparticles ",Journal Of Nano- And Electronic Physics Vol. 12 No 2, 0200(4pp) (2020)
10.	Adhish V. Raval, I.A. Shaikh, V.M. Jain, N.M. Shastri, P.B. Patel, L.K. Saini, D.V. Shah "Deposition And Characterization Of Indium Selenide Thin Films For Opto-Electronic Devices", Journal Of Nano- And Electronic Physics Vol. 12 No 2, 02010(4pp) (2020)
11.	T. Hussain, D. Singh, S. K. Gupta, A. Karton, Yogesh Sonvane, R. Ahuja, Efficient And Selective Sensing Of Nitrogen Containing Gases By Si2bn Nanosheets Under Pristine And Pre-Oxidized Conditions, Applied Surface Science, Elsevier Publisher, 469, 775, 2019
12.	Janki Shah, Mukesh Ranjan, K. P. Sooraj, Yogesh Sonvane, Sanjeev K.Gupta, Surfactant Prevented Growth And Enhanced Thermophysical Properties Of Cuonanofluid, Journal Of Molecular Liquids, Elsevier Publisher ,283, 550, 2019
13.	Shivam Kansara, Prabal Dev Bhuyan, Yogesh Sonvane, Sanjeev K. Gupta, Two- Dimensional Silicon Phosphide: Low Effective Mass And Direct Band Gap For Future Devices Applications, Journal Of Materials Science, Springer Publisher, 54, 11878, 2019
14.	Shivam Kansara, Sanjeev K. Gupta, Yogesh Sonvane, Maja Varga Pajtler, Rajeev Ahuja, Inquisitive Geometric Sites In H-Bn Monolayer For Alkali Earth Metal Ion Batteries, Journal Of Physical Chemistry C, American Chemical Society(Acs) Publications, 123, 19340, 2019
15.	Sandip R. Kumavat, Yogesh Sonvane ,Deobrat Singh, And Sanjeev K. Gupta, Two-Dimensional Ch3nh3pbi3 With High Efficiency And Superior Carrier Mobility: A Theoretical Study, Journal Of Physical Chemistry C, American Chemical Society(Acs) Publications, 123, 5231, 2019
16.	D Singh, Sk Gupta, I Lukačević, M Mužević, Yogesh Sonvane, R Ahuja, Effect Of Electric Field On Optoelectronic Properties Of Indiene Monolayer For Photoelectric Nanodevices, Scientific Reports, Nature Publications, 9 (1), 1-12, 2019
17.	H R Mahida, D Singh, Yogesh Sonvane, P B Thakor, R Ahuja, SK Gupta, The Influence Of Edge Structure On The Optoelectronic Properties Of Si2bn Quantum Dot, Journal Of Applied Physics, American Institute Of Physics (Aip) Publisher, 126, 233104, 2019
18.	VR Patel, Rn Somaiya, S Kansara, D Singh, N Prajapati, Yogesh Sonvane, S. K. Gupta, Structural And Electrical Properties Of Ceo2 Monolayers Using First-Principles Calculations, Solid State Communications, Elsevier Publisher, 307, 113801, 2020
19.	S Kansara, Yogesh Sonvane, Sk Gupta, Modulation Of Vertical Strain And Electric Field On C3as/Arseneneheterostructure, Applied Nanoscience ,Springer Publisher, 10 (1), 107, 2020
20.	Rn Somaiya, Yogesh Sonvane, Sk Gupta, Adsorption Of Toxic Gas Molecules On The Pre-Oxidized Cu2si Nanosheet–A Dft Study, Computational Materials Science, Elsevier Publisher, 173, 109414, 2020
21.	D Singh, Sk Gupta, H He, Yogesh Sonvane, First-Principles Study Of The Electronic, Magnetic And Optical Properties Of Fe3se4 In Its Monoclinic Phase, Journal Of Magnetism And Magnetic Materials, Elsevier Publisher, 498, 166157, 2020

22.	V. Kumar And D. R. Roy Single-Layer Stanane As Potential Gas Sensor For No2, So2, Co2 And Nh3 Under Dft Investigation, Physica E (Elsevier Science) 110 (2019) 100-106.
23.	K. Rajput And D. R. Roy, H-Cas And H-Casenanosheets In Cax (X = O, S, Se And Te) Series: Promising Thermoelectric Materials Under Dft Investigation, Appl. Nanosci. (Springer) 9 (2019) 1845–1856
24.	S. Mondal Roy, B. K. Sharma And D. R. Roy, Biological Activity Of Some ACAT Inhibitors In The Light Of Dft Based Quantum Descriptors, Struct. Chem. (Springer) 30 (2019) 2379–2387
25.	K. Rajput And D. R. RoyStructure, Stability, Electronic And Thermoelectric Properties Of Strontium Chalcogenides, Physica E (Elsevier Science) 119 (2019) 113965(1-9).
26.	K. Rajput And D. R. Roy, Hybrid Cas/Case Bilayer As A Wide Temperature Range Thermoelectric Material, Physica E (Elsevier Science) 119 (2020) 114014(1-8). Published: February 2020
27.	K. Rajput And D. R. Roy, 2d Pc3 As A Promising Thermoelectric Material, Phys. Chem. Chem. Phys. (Royal Soc. Chem.) 22 (2020) 8625-8632.
28.	K. Rajput, V. Kumar And D. R. Roy, Heterobilayercas/Case: A Promising Sensor For Environmental Toxic No2 Gas With High Selectivity And Sensitivity, Applied Surf. Sci. (Elsevier Sci) 528 (2020) 146996.
29.	Raghav Chaturvedi, Ajay Kumar Rai, Nakul R Soni, Jignesh N Pandya: Bottomonium Spectroscopy Motivated By General Features Of Pnrqcd; Journal Of Physics G: Nuclear And Particle Physics; (2020)
30.	Kr Purohit, RH Parmar, Ak Rai; Eigensolution And Various Properties Of The Screened Cosine Kratzer Potential in D Dimensions Via Relativistic And Non-Relativistic Treatment; The European Physical Journal Plus 135 (3), 1-38 (2020)
31.	K Gandhi, Z Shah, A K Rai; Spectrum Of Nonstrange Singly Charmed Baryons In The Constituent Quark Model; International Journal Of Theoretical Physics, 1-28 (2020)
32.	K Gandhi, A K Rai; Spectrum Of Strange Singly Charmed Baryons In The Constituent Quark Model; The European Physical Journal Plus 135 (2), 213
33.	Dp Rathaud, A K Rai, Interaction And Identification Of The Di-Hadronic Molecules Few-Body System, 60, 37, (2019)
34.	B Singh Et Al; (Panda Collaboration) Technical Design Report For The Barrel Dirc Detector; Journal Of Physics G: Nuclear And Particle Physics 46 (4), 045001 (2019).
	Chemical Engineering Department
1.	T. P. S. Jadon, A.K, Jana, P. A. Parikh, Conversion of biorenewably available acetone and butanol to liquid fuels using base catalysts, Biomass Conversion and Biorefinery, Springer Berlin Heidelberg, Page 1-10, 2020.
2.	R. Kumar, S. R. Gopireddy, A. K. Jana, C.M. Patel, Study of the discharge behavior of Rosin-Rammler particle-size distributions from hopper by discrete element method: A systematic analysis of mass flow rate, segregation and velocity profiles, Powder Technology, Elsevier, Page 818-834, https://doi.org/10.1016/j.powtec.2019.09.044 (Elsevier Scientific Publication, USA).
3.	Raj Kumar, Arun K. Jana, Srikanth R. Gopireddy, Chetan M. Patel, Effect of horizontal vibrations on mass flow rate and segregation during hopper discharge:Discrete Element Method Approach, Sadhna 45:67 (2020) 1-13.
4.	T. P. S. Jadon, A.K, Jana, P. A. Parikh,Influence of acid-metal functions on product distribution in valorization of biomass-derived acetone and catalysts' deactivation behaviour, Biomass Conversion and Biorefinery, Springer Berlin Heidelberg, Page 1-7, 2019
5.	Rakesh Baghel, Sarita Kalla, Sushant Upadhyaya, S. P. Chaurasia and Kailash Singh, "CFD Modeling of Vacuum Membrane Distillation for Removal of Naphthol Blue Black Dye from Aqueous Solution using COMSOL Multiphysics" Chemical Engineering Research and Design, Elsevier, 158, 77–88,2020.

6.	C.T.Pal and G.C.Jadeja Microwave-Assisted Deep Eutectic Solvent Extraction of Phenolic Antioxidants from Onion (Allium cepa L.) Peel: A Box-Behnken Design Approach for Optimization Journal of Food Science and Technology, 56(9), 4211-4223, 2019
7.	C.T.Pal and G.C.Jadeja Microwave-assisted extraction for recovery of polyphenolic antioxidants from ripe mango (Mangifera indica L.) peel using Lactic acid/Sodium acetate deep eutectic mixtures Food Science and Technology International, 26(1), 78-92, 2019.
8.	Jigisha Parikh, Sanjay Srivastava, Girirajsinh C. Jadeja Selective Hydrogenation of Furfural to Tetrahydrofurfuryl Alcohol Using Supported Nickel-Cobalt Catalysts Industrial and Chemical Engineering Research, 58, 35, 16138-16152, 2019.
9.	Preena Shrimal, Girirajsinh Jadeja, Sanjaykumar Patel, A review on novel methodologies for drug nanoparticle preparation: Microfluidic approach Chemical Engineering Research and Design, 153, 728-756, 2020.
10.	Saikumar Nair, Siddhanth Patel and Jignasa V. Gohel, "Performance of low-cost mixed cationic carbon-based solar cells prepared through compositional engineering under ambient conditions", Journal of Photochemistry and Photobiology A: Chemistry, Elsevier Publication, 392 (2020) 112437
11.	S.K. Nandwani, N.I. Malek, M. Chakraborty, S. Gupta, Insight into the Application of Surface-Active Ionic Liquids in Surfactant based Enhanced Oil Recovery Processes—a guide leading to research advances, Energy & Fuels, 34, 6, 6544-6557,2020.
12.	R. Shirasangi, H.P. Kohli, S. Gupta, M.Chakraborty, Separation of Methylparaben by emulsion liquid membrane: Optimization, characterization, stability and multiple cycles studies, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 597,124761,2020.
13.	H.P. Kohli, S. Gupta, M.Chakraborty, Characterization and stability study of pseudo- emulsion hollow fiber membrane: Separation of Ethylparaben, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 587, 124308, 2020.
14.	H.P. Kohli, S. Gupta, M.Chakraborty, Separation of Diclofenac using pseudo-emulsion hollow fiber membrane: Optimization by Box-Behnken response surface design, Journal of Water Process Engineering 32, 100880, 2020
15.	H.P. Kohli, S. Gupta, M.Chakraborty, Stability and performance study of emulsion nanofluid membrane: A combined approach of adsorption and extraction of Ethylparaben, Colloids and Surfaces A: Physicochemical and Engineering Aspects 579, 123675,2020.
16.	S.K. Nandwani, M. Chakraborty, S. Gupta, Adsorption of surface active ionic liquids on different rock types under high salinity conditions, Scientific reports 9 (1), 1-16,2020.
17.	V. Umrigar, M. Chakraborty, P.A.Parikh, Esterification and ketalization of levulinic acid with desilicated zeolite β and pseudo-homogeneous model for reaction kinetics, International Journal of Chemical Kinetics 51 (4), 299-308,2020
18.	Chetan Sharma, Meghal A. Desai, Sanjaykumar R. Patel, "Effect of surfactants and polymers on morphology and particle size of telmisartan in ultrasound assisted anti-solvent crystallization" Chemical Papers, 73: 1685–1694, July 2019. Springer (DOI: 10.1007/s11696-019-00720-1).
19.	Piyush I. Modi, Jigisha K. Parikh, Meghal A. Desai, "Sonohydrodistillation: Innovative approach for isolation of essential oil from the bark of cinnamon" Industrial Crops and Products, 142, Article 111838, December 2019. Elsevier (DOI: 10.1016/j.indcrop.2019.111838).
20.	Krishna P. Solanki, Meghal A. Desai, Jigisha K Parikh, "Microwave intensified extraction: A holistic approach for extraction of citronella oil and phenolic compounds" Chemical Engineering and Processing - Process Intensification, 146, Article 107694, December 2019. Elsevier (DOI: 10.1016/j.cep.2019.107694).
21.	Krishna P. Solanki, Meghal A. Desai, Jigisha K Parikh, "Improved hydrodistillation process using amphiphilic compounds for extraction of essential oil from java citronella grass", Chemical Papers, 74: 145-156, January 2020. Springer (DOI: 10.1007/s11696-019-00861-3)

22.	Rohit S.MahaleParimal A.Parikh, Aromatization of n-hexane: Synergism afforded by C ₁ -C ₃ alcohols, Chemical Engineering Science, 217(2020)115519.
23.	H.P. Kohli, S. Gupta, M.Chakraborty, Strip Dispersion for the Removal of Metal lons from Aqueous Streams. Journal of Institution of Engineers India Series E (June 2020) 101(1):91–97. Publisher: Springer
24.	Smita Gupta Ganesh B. Thorat Z. V. P. Murthy, Mixed Matrix PVA-GO-TiO2 Membranes for the Dehydration of Isopropyl Alcohol by Pervaporation. Macromolecular Research, 2020, 28(6), 587-595. Publisher: Springer.
25.	Chetan Sharma, Meghal A. Desai & Sanjaykumar R. Patel ,Anti-solvent sonocrystallization for nano-range particle size of telmisartan through Taguchi and Box-Behnken design, Chemical Papers, 74, 323-331,2020.
26.	Harshad R. Patil and Z.V.P. Murthy*, Ionic liquid assisted vanadium pentoxide synthesis through sol-gel method: Catalyst support for broad molecular weight distribution polyethylene synthesis. <i>Arabian Journal of Chemistry</i> , Vol.12(No.8) (2019) 4490–4501. DOI: 10.1016/j.arabjc.2016.07.010 (Elsevier Scientific Publication, The Netherlands)
27.	Ashwin R. Kamble, Chetan M. Patel, and Z.V.P. Murthy*, Different 2D materials based polyetherimide mixed matrix membranes for CO ₂ /N ₂ separation. <i>Journal of Industrial and Engineering Chemistry</i> , Vol.81(2020)451-463. DOI: 10.1016/j.jiec.2019.09.035 (Elsevier Scientific Publication, USA)
28.	Mehul R. Kateshiya, Naved I. Malek, Z.V.P. Murthy, and Suresh Kumar Kailasa*, Designing of glutathione-lactose derivative for the fabrication of gold nanoclusters with red fluorescence: Sensing of Al³*and Cu²* ions with two different mechanisms. <i>Optical Materials</i> , Vol.100 (2020) Article 109704. DOI: 10.1016/j.optmat.2020.109704 (Elsevier Scientific Publication)
29.	Ashwin R. Kamble, Chetan M. Patel, and Z.V.P. Murthy*, Polyethersulfone based MMMs with 2D materials and ionic liquid for CO ₂ , N ₂ and CH ₄ separation. <i>Journal of Environmental Management</i> , Vol.262 (2020) Article 110256. DOI: 10.1016/j.jenvman.2020.110256 (Elsevier Scientific Publication, UK)
30.	Shraddha Borse, Z.V.P. Murthy, and Suresh Kumar Kailasa*, Chicken egg white mediated synthesis of platinum nanoclusters for the selective detection of carbidopa. <i>Optical Materials</i> , Vol.107 (2020) Article 110085. DOI: 10.1016/j.optmat.2020.110085 (Elsevier Scientific Publication)
31.	Sanjay Krishna, Chetan M. Patel, "Preparation of Coconut Shell Nanoparticles by Wet-Stirred Media Milling". Materials Letters 257 (2019) 126738. https://doi.org/10.1016/j.matlet.2019.126738 (Elsevier Scientific Publication, USA).
32.	Sanjay Krishna, Chetan M. Patel, Computational and Experimental Study of Mechanical Properties of Nylon 6 Nanocomposites reinforced with Nanomilled Cellulose. Mechanics of Materials, 143 (2020) 103318. https://doi.org/10.1016/j.mechmat.2020.103318 (Elsevier Scientific Publication, USA).
33.	Sanjay Krishna, Chetan M. Patel, Experimental and Computational Study of Mechanical Properties of Nylon 6 Nanocomposites Reinforced with Coconut Shell Nanoparticles. Materials Today communications, 81 (2020) 451-463. https://doi.org/10.1016/j.mtcomm.2020.100981 (Elsevier Scientific Publication, USA).
34.	B. Kanoje, R. Joshi, T. Joshi, J. Parikh, K. Kuperkar, Surface-activity and antimicrobial performance of synthesized (symmetric and dissymmetric) Gemini surfactant and Silver nanoparticles loaded Gemini surfactants integrated with microscopy and scattering investigation, Emergent Materials, March 2020, 3, 213-222.
35.	Pushkar, P., Mungray, A.K., Exploring the use of 3 dimensional low-cost sugar-urea carbon foam electrode in the benthic microbial fuel cell. Renewable Energy, Vol. 147, Part 1, March 2020, Pages 2032-2042. (Impact factor: 5.439).
36	Tiwari, A., Jain, S, Mungray, A. A., Mungray, A. K., Sharma, P. SnO2: PANI modified cathode for performance enhancement of air-cathode microbial fuel cell, Journal of Environmental Chemical Engineering, vol. 8(1) February 2020, 103590.

37	Pushkar, P., Mungray, A.K., Synthesis of 3-Dimensional Resorcinol-Urea Formaldehyde Carbon xerogel electrode and its application in benthic microbial fuel cell. Electrochimica Acta, Vol. 317 (10), , 281-288. (Impact factor: 5.1), Sept., 2019.
	Civil Engineering Department
1.	Sonaviya D. R, Tandel B. N., "2-D noise maps for tier-II city of urban Indian roads", Noise Mapping, Vol. 6, 1-7, July-2019. DOI: https://doi.org/10.1515/noise-2019-0001
2.	Sonaviya D. R, Tandel B. N., "Integrated road traffic noise mapping in urban Indian context", Noise Mapping, Vol. 7, 99-113, June-2020. DOI: https://doi.org/10.1515/noise-2020-0009
3.	Yadav M. M, Tandel B. N., "Exposure effect study of traffic noise on roadside shopkeepers in Surat, India", Indian Journal of Environmental Protection, Vol.19, Issue11, 1038-1045, Nov-2019.
4.	Yadav M. M, Tandel B. N., "Assessment of Fluctuations in Traffic Noise Levels with Simultaneous Traffic Density", International Journal of Innovative Technology and Exploring Engineering, Vol. 4, Issue 9, 493-498, Feb-2020.
5.	Manish Patkar and A Dhamaniya "Influence of Nonmotorized Vehicles on Speed Characteristics and Capacity of Mixed Motorized Traffic of Urban Arterial Midblock Sections", Journal of Transportation Engineering, American Society of Civil Engineers (ASCE) Part A: Systems Vol. 146(4) pp. 04020013, 2020
6.	Chintaman S. Bari, Yogeshwar V. Navandar, A Dhamaniya "Vehicular Emission Modeling at Toll Plaza Using Performance Box Data" Journal of Hazardous, Toxic, and Radioactive Waste, ASCE, Vol. 24(4), pp 05020003, 2020.
7.	Manish Patkar, A Dhamaniya "Developing Capacity Reduction Factors for Curbside Bus Stops Under Heterogeneous Traffic Conditions" Arabian Journal for Science and Engineering (AJSE), Vol 43, pp. 3921-3935, 2020.
8.	Yogeshwar V. Navandar, Chintaman S. Bari, A Dhamaniya, D. A. Patel "Analysis of Level of Service for Manually Operated Tollbooths under Mixed Traffic Scenario" Journal of the Eastern Asia Society for Transportation Studies, Vol 13, pp. 1648-1663, 2019.
9.	Chintaman S. Bari, Yogeshwar V. Navandar, A Dhamaniya "Service Time Variation Analysis at Manually Operated Toll Plazas under Mixed Traffic conditions in India" Journal of the Eastern Asia Society for Transportation Studies, Vol 13, pp. 331-350, 2019.
10.	Yogeshwar V. Navandar, Mahaveer Singh, A Dhamaniya, D. A. Patel "Empirical analysis of level of service at toll plaza by using ordered probit model" Transportation Letters: The International Journal of Transportation Research. DOI: 10.1080/19427867.2019.1694201, 2019
11.	Yogeshwar V. Navandar, A Dhamaniya, D. A. Patel "Headway distribution for manually operated tollbooths in India in mixed traffic conditions" Proceedings of Institutions of Civil Engineers: Transport. DOI: https://doi.org/10.1680/jtran.17.00138, 2020
12.	P. J. Shukla, A. K. Desai, C. D. Modhera, Transient Response of RC Panel Protected with Slurry Infiltrated Micro Reinforced Concrete Jacket Under Blast Loading, International Journal of Recent Technology and Engineering (IJRTE), Blue Eyes Intelligence Engineering and Sciences Publication, pg. no. 1196-1220, 2019.
13.	Suraj D. Bhosale, A. K. Desai, Simulation of Masonry Wall using Concrete Damage Plasticity Model, International Journal of Innovative Technology & Exploring Engg., Blue Eyes Intelligence Engineering & Sciences Publication, pg. no. 1241-1244, 2019.
14.	J. S. Gabra, A. K. Desai, Influence of Pylon's Geometry on response of Cable Stayed Suspension Hybrid Bridge, International Journal of Recent Technology and Engineering (IJRTE), Blue Eyes Intelligence Engineering and Sciences Publication, pg. no. 4969-4972, 2019.
15.	Hemal J. Shah, A. K. Desai, Evaluation of Dynamic Amplification of Conventional & Mono-Lattice Structural System for Tall Wind Mill Towers, Smart Innovations, Systems and Technologies by Springer, pg. no. 61-75, 2019.
16.	Hemal J. Shah, A. K. Desai, Experimental and computational dynamic response comparison of hybrid & mono windmill towers considering SSI, Asian journal of civil

	engineering, building and housing research center, 2019.
17.	G. S. Anaokar, A. K. Khambete, and R. A. Christian, "Multiparametric Aggregated Indices of Municipal Wastewater and Sludge in Biogas Prediction by ANN and Mathematical Model"; Environmental Progress and Sustainable Energy, V-39, 28 July 2020; DOI:htps://doi.org/10.1002/ep.13502
18.	G. S. Anaokar, A. K. Khambete, and R. A. Christian, "Predicting Biogasification Potential of Urban Wastewater Using Multiparameter Aggregated Index of Influent"; Environmental Progress and Sustainable Energy; V-37; 119-126;2019.
19.	Nihalani, S., Khambete, A., Jariwala, N.; "Receptor Modelling for Particulate Matter: Review of Indian Scenario' Asian Journal of Water, Environment and Pollution, Vol. 91, 105-112, 2020.
20.	Nihalani S., Khambete A.K., Jhariwala N.D. Source Apportionment of Particulate Matter—A Critical Review for Indian Scenario. vol 91, pp 249-283, 2020
21.	Adhvaryu, M., Patel, P. N. & Modhera C D Sens Imaging (2019) 20: 34. DOI:https://doi.org/10.1007/s11220-019-0256-9.
22.	Palak J Shukla, Atul K Desai, Modhera C D, "Response of RC Panel with and Without Openings Subjected To Blast Loading", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-10, August 2019
23.	D. J. Kadbhane and Modhera C D, "Development of Innovative Block Charts for a Box- Type Cross Drain with a Constant Width for Various Depths of Soil Cushion", Practice Periodical on Structural Design and Construction, Vol. 24, Issue 3 (August 2019)
24.	Palak J Shukla, A K Desai, C D Modhera, "Transient Response of RC Panel Protected with Slurry Infiltrated Micro Reinforced Concrete Jacket Under Blast Loading", International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-2, July 2019
25.	D. J. Kadbhane and C D Modhera, "Performance of RCC box drain under fluctuating depth of a road embankment", Engineering Science and Technology, an International Journal, Volume 22, Issue 2, April 2019, Pages 548-554.
26.	Reddy, V.A., Solanki, C.H., Kumar, S., Reddy, K.R. and Du, Y.J., "Stabilization/Solidification of Zinc-and Lead-Contaminated Soil Using Limestone Calcined Clay Cement (LC3): An Environmentally Friendly Alternative", Sustainability, MDPI, pp.37-25, 2020
27.	Umravia, N.B. and Solanki, C.H., "Experimental and Numerical study behaviors on Single Cement Flyash Gravel pile under the combined effect of axial compression and Lateral load", IOP Conference Series: Materials Science and Engineering, 2020
28.	Mistry M., Shukla S., Solanki C., Shukla S.K.; "Study of Fibre-clay Interface Behaviour and Reinforcing Mechanism", Geotechnical and Geological Engineering, SPRINGER, pp. 1899-1917, 2020
29.	Athani, S. S., Solanki, C. H., Dodagoudar, G. R., & Shukla, S. K. (2019), "Finite-element analysis of strains in seepage barriers of the earth dam", Dams and Reservoirs, pp. 87-96, 2019
30.	Rao P, Desai A and Solanki C, "Assessment of plastic deformation of the soil in the Gujarat region caused by high-speed train", International Journal of Recent Technology and Engineering, 2019.
31.	Shah, P., Patel, C.R. Prevention is Better than Cure: An Application of Big Data and Geospatial Technology in Mitigating Pandemic. Trans Indian Natl. Acad. Eng. (2020). DOI:https://doi.org/10.1007/s41403-020-00120-y
32.	Sonar, Y., and Patel, C., 2019. Land augmentation process using land pooling mechanism in context of Pune metropolitan region. Urban panorama In: Journal of urban governance and management, Regional centre for Urban and Environmental Studies, Vol. VIII. (January-June 2019), ISSN 0975-8534 pp. 11-20.
33.	Dhonde, B. and Patel, C., 2019. An Impact of Decentralized Small Scale Industry on Intra- City Freight Trips in developing nation, In: Journal of Eastern Asia Society for Transportation Studies (EASTS), ISSN: 1881-1124, Vol: 13, pp. 908-928. DOI:https://

	doi.org/ 10.11175/easts.13.908
34.	Dhonde, B. and Patel, C., 2020. Implementing Circular Economy Concepts for Sustainable Urban Freight Transport: Case of Textile Manufacturing Supply Chain, In: Acta Logistica - International Scientific Journal about Logistics, ISSN 1339-5629, Vol. 7, Issue: 2 Pages: 131-143. DOI:10.22306/al.v7i2.172
35.	C Udeaja, C Trillo, KGB Awuah, BCN Makore, Patel D.A., Mansuri L. E., Jha K.N. Urban Heritage Conservation and Rapid Urbanization: Insights from Surat, India. Sustainability. MDPI, 12, 2172, 2020.
36.	Anita N. Borade.; Kondraivendhan, B., "Corrosion behaviour of reinforced concrete blended with Metakaolin and slag in chloride environment", Journal of Sustainable Cement Based Materials, V. 08, No.6, 2019, 367-386.
37.	Bura Akshay Ramesh, Kondraivendhan, B., "Effect of Accelerated Carbonation on the Performance of Concrete Contained with Natural Zeolite", ASCE, Journal of Materials in Civil Engineering, 32(4), 04020037, 2020
38.	Raghu Babu, U.; Kondraivendhan, B., "Corrosion Performance of Steel Reinforcement in Concrete Admixed with Magnesium Chloride and Sulphate", Anti-Corrosion Methods and Materials, Vol. 67, No.1, pp. 106-118, 2020
39.	Raghu Babu, U.; Kondraivendhan, B., Analysis of corrosion performance of rebar in red mud blended concrete, IOP conference series :Material science and Engineering science, 652, 012025, 2019
40.	Bura Akshay Ramesh, Kondraivendhan, B. An Alternative Technique for Accelerated carbonation of Normal Concrete, IOP conference series :Material science and Engineering science, 829, 012019, 2020
41.	Raghu Babu, U.; Kondraivendhan, B., Effect of IR drops on Reinforced concrete corrosion measurements. IOP conference series :Material science and Engineering science, 829, 012015, 2020
42.	Ganesh D. Kale, Trend analyses of regional time series of temperatures and rainfall of the Tapi basin, Journal of Agrometeorology, Vol. 22(1), pp. 48-51, 2020
43.	Praveen Barapatre and Jayantilal N. Patel, Development of Internet of Things(IoT) Based Smart Irrigation System for Sugarcane, International Journal of Innovative Technology and Exploring Engineering, 650-654, 2019
44.	Shilpesh C. Rana and Jayantilal N. Patel, Economical Analysis of a Canal Base Hydropower Project: A Case study of Sakarda Branch Canal, Water and Energy International, CBIP, 66-72, 2019
45.	Pawan Bhavsar and Jayantilal Patel, Conjunctive Use Modeling and Application of Jaya Algorithm for Optimization in Multi Crop Irrigation, International Journal of Hydrology Science and Technology, Inderscience, 2019
46.	Shilpesh C. Rana and Jayantilal N. Patel, Scenario of small hydro power plants in India, International Journal of Technical Innovation in Modern Engineering and Science, 905-912, 2019
47.	Shilpesh C. Rana and Jayantilal N. Patel, Development of Correlation between Cost of Canal Base Small Hydro Power Scheme and Rated Power, International Journal of Engineering and Advance Technology, 3916-3918, 2019
48.	Manisha D. Desai and Jayantilal Patel, Assessment of future groundwater quality using GIS for Bhimrad area of Surat City (India), International Journal of Hydrology Science and Technology, Inderscience, 339-354, 2019
49.	Shilpesh C. Rana and Jayantilal N. Patel, Selection of best location for small hydro power project using AHP, WPM and TOPSIS methods, ISH Journal of Hydraulic Engineering, Tailor and Francis, 173-177, 2020
50.	Pawan Bhavsar and Jayantilal N. Patel, Event-based rainfall-run-off modeling and uncertainty analysis for lower Tapi Basin, India, ISH Journal of Hydraulic Engineering, Tailor and Francis, 353-362, 2020
51.	Rakeshkumar K Tiwari, Krupesh A Chauhan, Strategies and Analysis of RERA Across the 'State Cluster of India', IJAST, 4217-4224, 2020

52.	Pawan Ghumare, Krupesh A Chauhan, Affordable Housing Policies in India: Challenges and Reform, IJRTE, 2019
53.	Pawan Ghumare, Krupesh A Chauhan, Housing Attributes affecting buyers in India: An analysis of professional perceptions in the context of EWS/LIG consumers view, IJHMA, 2019
54.	Prasitha C, Krupesh A Chauhan, Govind Pandey, Vinay Kumar Singh, Potential for Urban Planning System during Mega Events: A Case Study of Metro City, (ICE2M), 2019
55.	Patel, D. A., Lad, V. H., Chauhan, K. A., and Patel, K. A., Development of Bridge Resilience Index Using Multicriteria Decision-Making Techniques, Journal of Bridge Engineering, ASCE, (25) 04020090, 2020
56.	Anudeep Nema, Kunwar D. Yadav, Robin A. Christian, Sustainability and performance analysis of constructed wetland for treatment of greywater in batch process. International Journal of phytoremediation, Taylor and Francis, 644-652, 2019.
57.	Anudeep Nema, Kunwar D. Yadav, Robin A. Christian, A small-scale study of plant orientation in treatment performance of vertical flow constructed wetland in continuous flow. International Journal of phytoremediation, Taylor and Francis, 849-856, 2020.
58.	Anudeep Nema, Kunwar D. Yadav, Robin A. Christian, A lab-scale compression of different constructed wetland media performance and the effect of hydraulic retention time on treatment of greywater in the batch process. International Journal of Innovative Technology and Exploring Engineering. 1017-1024, 2020.
59.	Anudeep Nema, Kunwar D. Yadav, Robin A. Christian, A pilot-scale comparison of four filter media for use in the constructed wetland to treating greywater. Indian journal of environmental protection. Accepted
60.	Rajnikant Prasad, Kunwar D. Yadav, Use of response surface methodology and artificial neural network approach for methylene blue removal by adsorption onto water hyacinth. Water conservation and management. 73-79, 2020.
61.	Gadekar M.R and Ahammed M.M, Modelling dye removal by adsorption onto water treatment residuals using combined response surface methodology-artificial neural network approach, Journal of Environmental Management, Elsevier, 241-248, 2019
62.	Shalkh I N, Ahammed M M Quantity and quality characteristics of greywater: A review., Journal of Environmental Management, Elsevier, 110266, 2020
63.	Thomas T and Ahammed M, Removal of Chromium Using Water Treatment Sludge, Lecture notes in Civil Engineering, Springer, 299-308, 2020
64.	Gadekar M.R and Ahammed M.M, Use of water treatment residuals for colour removal from real textile dye wastewater, Applied Water Science, Springer, 1-6, 2020.
65.	Nandini Moondra Namrata D Jariwala R A Christian, "sustainable treatment of domestic waste water through microalgae, International Journal of Phytoremediation, June 2020.
66.	Uttam Kumar & Dr. S. A. Vasanwala, A numerical study on the influence of pile head connections on piled raft foundation under vertical and static horizontal loads, International Journal of Advanced Research in Engineering and Technology (IJARET), pp. 406-418, 2020
67.	Nirav K. Patel & Dr. Sandip A. Vasanwala, Propagating Fragility Curve for RC Buildings via Hazus Methodology, Materials Today: Proceedings, Elsevier publication, Accepted and In Press.
68.	Nirav K. Patel & Dr. Sandip A. Vasanwala, Impact of Slab Thickness on Reinforced Concrete Buildings using Fragility Curves, International Journal of Recent Technology and Engineering (IJRTE), Blue Eyes Intelligence Engineering & Sciences Publication, pp. 4533-4538, 2020.
69.	Ankit Sodha, Sandip Vasanwala & Devesh Soni, International Journal of Structural Engineering, Inderscience publishers, Accepted and In Press.
70.	Ankit Sodha, C. R. Chikmath, Sandip Vasanwala & Devesh Soni, International Journal of Innovative Technology and Exploring Engineering, Blue Eyes Intelligence Engineering & Sciences Publication, pp. 740-743, 2020

71.	Vijendra Kumar, Yadav S.M., Self-Adaptive Multi-Population based Jaya algorithm for the optimization of cropping pattern under constraint environment, Journal of Hydro-Informatics, IWA Publishing, 368–384, 2020
72.	Ghumare, P.N. and Chauhan, K.A. and Yadav, S.M, Affordable housing policies in India: Challenges and Reform, International Journal of Recent Technology and Engineering, Blue Eyes Intelligence Engineering & Sciences Publication, 2706-2706, 2019
73.	Jabbar Y C, Yadav S M, Development of reservoir capacity loss model using bootstrapping of sediment rating curves, ISH Journal of Hydraulic Engineering, Taylor & Francis, 1-13, 2019
74.	Jabbar, Y.C. Yadav, S.M, Development of a relationship between hydrometric and hydrographic observations to predict reservoir capacity loss, Acta Geophysica, Springer, 1451-1469, 2019
75.	Yadav S. M., Vipin Kumar Yadav, and Anurag Gilitwala, Evaluation of bed load equations using field measured bed load and bed material load, ISH Journal of Hydraulic Engineering, Taylor & Francis, 1-11, 2019
76.	Baria, Paresha, S. M. Yadav, Investigating extreme rainfall non-stationarity of upper Tapi river basin, India, ISH Journal of Hydraulic Engineering, Taylor & Francis, 1-9, 2019
77.	Kumar V., Yadav S.M., Optimization of cropping patterns using Elitist-Jaya and Elitist-TLBO Algorithms, Water Resources Management, Springer, 1817-1833, 2019
78.	Ramkar P., Yadav S.M., Identification of critical watershed using hydrological model and drought indices: a case study of upper Girna, Maharashtra, India, ISH Journal of Hydraulic Engineering, Taylor & Francis, 1-9, 2019
79.	Ghumare P. N., Chauhan K. A., Yadav S. M., Housing attributes affecting buyers in India: Analysis of perceptions in the context of EWS/LIG consumers view, International Journal of Housing Markets and Analysis, Emerald , 533-552, 2019
80.	Rahul R. Pai, Satyajit Patel, M D Bakare, Applicability of Utilizing Stabilized Native Soil as a Subbase Course in Flexible Pavement, Indian Geotechnical Journal, Springer, 289- 299, 2020
81.	N Gore, S Arkatkar, G Joshi, and A Bhaskar: Exploring credentials of Wi-Fi sensors as a complementary transport data: An Indian experience. IET Intelligent Transport Systems, 1860-1869, 2019.
82.	N Raju, S Arkatkar, G Joshi: Evaluating Performance of Selected Vehicle Following Models Using Trajectory Data Under Mixed Traffic Conditions. Journal of Intelligent Transportation Systems, 2019.
83.	A Chepuri, C Kumar, P Bhanegaonkar, S Arkatkar, G Joshi: Travel Time Reliability Analysis on Selected Bus Route of Mysore using GPS Data". Transportation in Developing Economies. Transportation in Developing Economies, 5 (13), 2019.
84.	B Raveendran. SS Arkatkar, Lalitha Devi V: Development of A Video Image Processing-Based Micro-Level Data Extractor for Non-Lane Based Heterogeneous Traffic Conditions. Transportation in Developing Economies, 5 (12), 2019.
85.	N Vasudevan, N Gore, R Zope, S Arkatkar, and G Joshi: Determining Mode Shift Elasticity Based on Household Income and Travel Cost. Research in Transportation Economics, 100771, 2019.
86.	A Chaudhari, N Gore, S Arkatkar, G Joshi, S Pulugurtha: Pedestrian crossing warrants for urban midblock crossings under mixed traffic environment. Journal of Transportation Engineering, Part A: Systems (ASCE), 146 (5), 1-20, 2020.
87.	N Raju, S Arkatkar, G Joshi: Effect of Construction Work Zone on Traffic Stream Parameters Using Vehicular Trajectory Data Under Mixed Traffic Conditions. Journal of Transportation Engineering, Part A: Systems (ASCE), 146 (6), 1-14, 2020.
88.	N Raju, S Arkatkar, G Joshi: Modeling Following Behaviour of Vehicles Using Trajectory Data Under Mixed Traffic Conditions: An Indian Viewpoint. Transportation Letters, 2020.
89.	N Raju, A Chepuri, S Arkatkar, and G Joshi: A Simulation Study for Improving the Traffic Flow Efficiency of an Intersection Coupled with BRT. European Transport, 75, 1-25, 2020.

90.	Sanhita Das, Narayana Raju, Akhilesh Kumar Maurya, and Shriniwas Arkatkar: Evaluating Lateral Interactions of Motorized Two-Wheelers Using MultiGene Symbolic Genetic Programming. Transportation Research Record, 1-16 2020.
91.	Dawda N H., H Gajera, G J. Joshi, Shriniwas S Arkatkar, Sanjay Dave: Efficiency Based Evaluation of Public Transport and Para-transit Systems for Integrated Transportation Perspective. Transportation Research Record, 2020.
92.	Chaudhari A, N Gore, S Arkatkar, G Joshi, S Pulugurtha: Deriving Pedestrian Risk Index by Vehicle Type and Road Geometry at Mid-Block Crosswalks Under Heterogeneous Traffic Conditions. Journal of Transportation Engineering, Part A: Systems (ASCE), 2020.
93.	Chaudhari A, N Gore, S Arkatkar, G Joshi, and S Pulugurtha: Exploring Pedestrian Surrogate Safety Measures by road geometry at midblock crosswalks: A perspective under mixed traffic conditions, IATSS Research, 2020.
94.	Said M. Easa, Yang Ma, Shixu Liu, Yanqun Yang and Shriniwas Arkatkar: Reliability Analysis of Intersection Sight Distance at Roundabouts. Infrastructures, 2020.
95.	Goyani J, A Paul, N Gore, S S Arkatkar, and G J Joshi: Investigation of Crossing Conflicts by Vehicle type at un-signalized T-intersections Under Varying Roadway and Traffic Conditions: An Indian Perspective. Journal of Transportation Engineering, Part A: Systems (in press), 2020.
96.	Advani C, S. Thakkar, S. Arkatkar, A. Bhaskar: Performance evaluation of urban arterial network using Wi-Fi sensors under heterogeneous traffic conditions. Transport Research Procedia, 2020.
97.	Sharma S, H Maripini, A Khadhir, S Arkatkar, and L. Vanajakshi: Analysis and use of Wi-Fi data for signal state identification. Transport Research Procedia, 2020.
98.	Jain, A. Mane, S Arkatkar, G. Joshi: Capacity estimation on two lane hilly roads under heterogeneous traffic condition. Transport Research Procedia, 2020.
99.	Chaudari A, N. Gore, S. Arkatkar, G. Joshi and M Parida: Choice crossing behaviour model for safety margin of pedestrian at mid-blocks. Transport Research Procedia, 2020.
100.	Balan, S Arkatkar, L. Vanajakshi: Exploratory study on approaches for traffic count prediction; using toll-way traffic count. Transport Research Procedia, 2020.
101.	Vinayraj V S, S. Arkatkar, G. Joshi and M Parida: Examining Pedestrian Critical Gap Analysis at Un-Signalized Midblock Crosswalk Sections in India. Transport Research Procedia, 2020.
102.	C Advani, S Thakkar, S Shah, S Arkatkar, A Bhaskar: A Wi-Fi sensor-based approach for examining travel time reliability parameters under mixed traffic conditions. Transportation in Developing Economies, 6 (1), 2020.
103.	Pawar, S. V., Patel, P. L., & Mirajkar, A. B. Intuitionistic fuzzy approach in multi-objective optimization for KRBMC irrigation system, India, ISH Journal of Hydraulic Engineering, Taylor and Francis, 2020.
104.	S. D. Bid, R. A. Christian, P. L. Patel, & A. K. Patra. An approach to model radionuclide concentration in lake environment under scarce data. ISH Journal of Hydraulic Engineering, Taylor and Francis, 2020
105.	Loliyana, V. D., & Patel, P. L. A physics based distributed integrated hydrological model in water balance of a semi-arid catchment in India. Environmental Modelling and Software, Elsevier.2020
106.	P. Laxmi Narayana, P. V. Timbadiya & P. L. Patel. Bed level variations aroundsubmerged tandem bridge piers in sand beds, ISH Journal of Hydraulic Engineering, Taylor and Francis, 2020
107.	Lalit Kumar Gehlot, Shubham M. Jibhakate, Priyank J. Sharma, P. L. Patel & P. V. Timbadiya. Spatio-Temporal Variability of Rainfall Indices and their Teleconnections with El Nino-Southern Oscillation for Tapi Basin, India. Asia-Pacific Journal of Atmospheric Sciences, Springer, 2020
108.	Sharma, P. J., Patel, P. L., & Jothiprakash, V. Hydroclimatic teleconnections of large-scale oceanic-atmospheric circulations on hydrometeorological extremes of Tapi Basin, India.

	Atmospheric Research, Elsevier, 235,2020
109.	S. D. Bid, P. L. Patel, R. A. Christian, & A. K. Patra. Hydrodynamic Modelling of Radionuclide Effluent in Moticher Lake, Kakrapar Atomic Power Station, India. Journal of Hazardous, Toxic, and Radioactive Waste, 24 (1), 2019
110.	Gaurang R.Vesmawala, Ajaysinh R.Vaghela, K.D.Yadav, Yogesh Patil, "Effectiveness of polycarboxylate as a dispersant of carbon nanotubes in concrete", Materials Today: Proceedings, Volume 28, Part 2, 1170-74, 2020.
111.	Chavda, J. T. and Dodagoudar, G. R. On vertical bearing capacity of ring footings: Finite element analysis, observations and recommendations, <i>International Journal of Geotechnical Engineering</i> , doi: 10.1080/19386362.2019.1648737. Publisher: Taylor & Francis, 13pp, August 2019.
112.	Chavda, J. T., Mishra, S. R. and Dodagoudar, G. R. Experimental evaluation of ultimate bearing capacity of the cutting edge of open caisson, <i>International Journal of Physical Modelling in Geotechnics</i> , doi: 10.1680/jphmg.18.00052. Publisher: ICE London, 14pp, September 2019.
113.	Rupal Waghwala, P G Agnihotri, Impact assessment of urbanization on flood risk and integrated flood management approach a case study of Surat city and its surrounding region, ISH, Journal of Hydraulic Engineering, (Taylor & Francis), September, 2019
114.	Azaz I. Pathan, P G Agnihotri, 2-D Unsteady Flow Modelling and Inundation Mapping for Lower Region of Purna Basin Using HEC-RAS, Nature, Environment and Pollution Technology: An International Quarterly Scientific Journal: p-ISSN: 0972-6268 e-ISSN: 2395-3454, Volume 19, Issue-1, March 2020
115.	Kalpesh Borse, P G Agnihotri, Trends of Rainfall, Temperature and Rice Yield of Nashik Region of Maharashtra International Journal of Innovative Technology and Exploring Engineering, Volume-9 Issue-5, March 2020, pp. 395-398. (DOI: 10.35940/ijitee.E2276.039520).
116.	Ashish Guruji, P. G. Agnihotri Water Storage Assessment of Khapri Watershed through Geospatial Techniques International Journal of Recent Technology and Engineering (IJRTE), March 2020
117.	Deepti Patel, Rakesh Kumar, K.A. Chauhan, S. Patel, Experimental and Modeling Studies of Resilient Modulus and Permanent Strain of Stabilized Fly Ash, Journal of Materials in Civil Engineering, ASCE, Vol. 31, Issue 8, (August 2019).
118.	Radha J. Gonawala, Rakesh Kumar, Suitability of EAF slag and GGBFS mix as cementitious base/subbase layer for low volume road construction, International Journal of Geotechnical Engineering, 2019.
119.	Sodha, A., Chikmath, C., Vasanwala, S. A., Soni, D.& Kumar, S., Effect of Friction Pendulum Bearing System on Seismic Performance of Structure International Journal of Innovative Technology and Exploring Engineering, Page -740-743, Vol 9(4), 2020 Scopus
120.	Reddy, V.A., Solanki, C.H., Kumar, S., Reddy, K.R. and Du, Y.J., Stabilization/Solidification of Zinc-and Lead-Contaminated Soil Using Limestone Calcined Clay Cement (LC3): An Environmentally Friendly Alternative, Sustainability, Paper No. 3725,1-13, Vol 12, 2020, SCI
121.	Anand V. Reddy, Solanki C. H, Shailendra Kumar, Krishna R. Reddy and Yan-JunDu, "Pb-Zn smelter residue (LZSR) stabilized using low carbon/cost limestone calcined clay cement: Leachability, chemical speciation, strength and microstructure", Journal of Hazardous, Toxic and Radioactive waste, Paper no. 04020054,1-9, Vol 24(4), 2020, SCI
122.	Aniket. Shirgaonkar, Patil Y. D.,, Patil H. S., Finite Element Analysis of Profiled Deck Composite Slab Using ANSYS, Lecturer Notes in Civil Engineering, Springer publication, 73-82, 2019
123.	Y. D. Patil, S. M. Waysal and B. Z. Dholakiya, Feasibility of PET Resin as a Cement Substitute for Sustainable Construction, IOP series – Material Science & Engineering, IOP Publication, 6, 2020

	Computer Engineering Department
1.	Dhruti Sharma, Devesh C. Jinwala. "Aggregate Searchable Encryption With Result Privacy" International Journal of Information Security and Privacy (IJISP), IGI Global Publications, Volume 14, Issue 2, pp. 62-82, 2020.
2.	Mukti Padhya, Devesh C. Jinwala. "CRSQ-KASE: Key Aggregate Searchable Encryption Supporting Conjunctive Range and Sort Query on Multi-owner Encrypted Data", Arabian Journal for Science and Engineering, Volume 45, Issue 4, pp.3133-3155, 2020.
3.	Unnati S Shah, Sankita J Patel, Devesh C Jinwala, "Constructing a knowledge-based quality attributes relationship matrix to identify conflicts in non-functional requirements." Journal of Computational and Theoretical Nanoscience, Volume 17, Issue 1, pp. 122-129, 2020.
4.	Shivanshu Mehta, Devesh C Jinwala, Upena Dalal, Dhiren Patel, "Decentralized context aware access control model for internet of things" Journal of Computational and Theoretical Nanoscience, Volume 17, Issue 1, pp. 162-171, 2020.
5.	Mukti Padhya, Devesh C. Jinwala. "MULKASE: a novel approach for key-aggregate searchable encryption for multi-owner data." In: Frontiers of Information Technology and Electronic Engineering, Volume 20, Issue 12, pp. 1717-1748, 2019.
6.	Kaushal A Shah, Devesh C Jinwala. "Novel Approach of Key Predistribution for Grid Based Sensor Networks." Wireless Personal Communications, Volume 108, Issue 2, pp. 939-955, 2019.
7.	Shivangi Surati, Devesh C Jinwala, Sanjay Garg. "BMMI-tree: A Peer-to-Peer m-ary tree using 1-m node splitting for an efficient multidimensional complex query search, Journal of Parallel and Distributed Computing, Volume 125, pp. 1-17, 2019.
8.	Shivangi Surati, Devesh C Jinwala, Sanjay Garg. "Improving multidimensional point query search using multi-way peer-to-peer tree network", International Journal of Information and Communication Technology, Volume 14, Issue 2, pp. 125-138. 2019.
9.	J. Sathish Kumar, Saurabh Kumar, Meghavi Choksi, Mukesh Zaveri, "Collaborative Data Acquisition and Processing for Post Disaster Management and Surveillance Related Tasks using UAV based IoT Cloud", International Journal of Ad Hoc and Ubiquitous Computing, Inderscience Publishers, Volume 34, No. 4, 2020.
10.	Rutal Mahajan and Mukesh Zaveri, "Humor Identification using Affect based Content in Target Text", Journal of Intelligent & Fuzzy Systems, IOS Press, Volume 29(2), pp. 1-12, 2020.
11.	Bharat Tidke, Rupa Mehta, Dipti Rana, Divyani Mittal, Puja Suthar, "A social network based approach to identify and rank influential nodes for smart city", Kybernetes, Emerald, Online, 2020.
12.	Bharat Tidke, Rupa Mehta, Jenish Dhanani, "Consensus based Aggregation for Identification and Ranking of Influential Nodes", Neural Computing and Application, Volume 32, pp. 10275–10301, 2019.
13.	Bharat Tidke, Rupa Mehta, Jenish Dhanani, "Multi-Modal Ensemble Approach to Identify and Rank Top-k Influential Nodes of Scholarly Literature Using Twitter Network", Journal of Information Science, Volume 46, pp. 437-458, 2020.
14.	Sonal Patil, K. N. Jariwala, "Design of a machine learning layer to optimize forgery detection in videos", Journal of Interdisciplinary Mathematics, Volume 23, Issue-1, pp. 43-52, 2020.
15.	B. Tidke, R. Mehta, D. Rana and H. Jangir, "Topic Sensitive User Clustering using Sentiment Score and Similarity Measures: Big Data and Social Network", International Journal of Web-Based Learning and Teaching Technologies (IJWLTT), IGI Global, Volume 15(2), 2020.
16.	M. Desai, R. G. Mehta and D. P. Rana, "An Emperical Analysis to Identify the Effect of Indexing on Influence Detection using Graph Databases", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume 8(9S), pp. 414-421, 2019.

17.	P. Mahajan, D. P. Rana, "Text Mining In Healthcare", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume 9(2S), pp. 436 – 443, 2019.
18.	Divyani Mittal, Pooja Suthar, Madhuri Patil, P.G.S Pranaya, Dr. Dipti P. Rana, Mr. Bharat Tidke, "Social Network Influencer Rank Recommender Using Diverse Features from Topical Graph", Elsevier Science Direct Procedia Computer Science, Volume 167, pp. 1861–1871, 2020.
19.	More A.S., Rana D. P., "An Experimental Assessment of Random Forest Classification Performance Improvisation with Sampling and Stage Wise Success Rate Calculation", Elsevier Science Direct Procedia Computer Science, Volume 167, pp. 1711-1721, 2020.
20.	Ruchika Gupta, Udai Pratap Rao, "Preserving Location Privacy using Three Layer RDV Masking in Geocoded Published Discrete Point Data", World Wide Web, Volume 23, No. 1, pp. 175-206, 2020.
21.	Ruchika Gupta, Udai Pratap Rao, "VIC-PRO: VICinity PRO tection by concealing Location Coordinates using Geometrical Transformations in Location Based Services", Wireless Personal Communications, Volume 107, No.2, pp.1041–1059, 2019.
22.	Brijesh B. Mehta, Udai Pratap Rao, "Improved I-Diversity: Scalable Anonymization Approach for Privacy Preserving Big Data Publishing", Journal of King Saud University - Computer and Information Sciences, Elsevier, 2019.
23.	Hiral Trivedi and Sankita Patel, "Design of Secure Authentication Protocol for Dynamic User Addition in Distributed Internet-of-Things", Computer Networks, Elsevier, Volume 178, Article no. 107335, 2020.
24.	Bhavesh N. Gohil, Dhiren R. Patel, "An improved Grey Wolf Optimizer(iGWO) for Global Engineering Optimization", Journal of Computational and Theoretical Nanoscience, ingenta connect, Volume 17, Number 1, pp. 359-362(4), 2020.

	Electrical Engineering Department	
1.	Shaival Nagarsheth, Shambhu N. Sharma, "Control of non-minimum phase systems with dead time: a fractional system viewpoint" International Journal of Systems Science, Vol.51, No. 11, 1905-1928, 2020.	
2.	Shaival Nagarsheth, Shambhu N. Sharma, "The combined effect of fractional filter and Smith Predictor for enhanced closed-loop performance of integer order time-delay systems: some investigations", Archives of Control Sciences(The Journal of Polish Academy of Sciences), Vol. 30, No. 1, 47-76, 2020.	
3.	Dhruvi S. Bhatt and Shambhu N. Sharma, "Carlemanlinearisation based estimation technique for a noise influenced electronic circuit", Electronics Letters, 56 (12), 589-592, 2020.	
4.	Sandhya Rathore, Shambhu N. Shama, Dhruvi S. Bhatt, ShaivalNagarsheth, "Non-linear filtering for bilinear stochastic differential systems: a Stratonovich perspective", Transactions of the Institute of Measurement and Control, Vol. 42, No. 10, 1755-1768, 2020.	
5.	Dhruvi S. Bhatt, ShaivalNagarsheth, and Shambhu N. Sharma, "On the theory of a non-linear dynamic circuit filtering", Fluctuations and Noise Letters, Vol. 19, No. 3, 2020.	
6.	Ravish H. Hirpara and Shambhu N. Sharma, "An Analysis of a Wind TurbineGenerator System in the Presence of Stochasticity and Fokker-Planck Equations," International Journal of System Dynamics Applications, vol. 9 (1), pp. 18-43, 2020.	
7.	Rashmi Patel and R. Chudamani, "Stability Analysis of the main Converter supplying a constant Power load in a multi-converter system considering various parasitic elements", International Journal on Engineering and Science (JESTECH), April, 2020.	
8.	H. K. Mehta, H. Warke, K. Kukadiya and A. K. Panchal, "Accurate Expressions for Single-Diode-Model Solar Cell Parameterization," in IEEE Journal of Photovoltaics, vol. 9, no. 3, pp. 803-810, May 2019.	
9.	A. K. Panchal, "I–V Data Operated High-Quality Photovoltaic Solution Through Per-Unit Single-Diode Model," in IEEE Journal of Photovoltaics, vol. 10, no. 4, pp. 1175-1184, 2020.	
10.	Chandani Gor and Varsha A. Shah, "Fault Tolerant Speed Control of Five Phase Induction Motor with Fuzzy Logic Controller for Electric Vehicle," Journal of Advanced Research in	

	Dynamical and Control Systems, Vol.12, No.03, pp.900-914, 2020.
11.	V. V. Shimin and Varsha A. Shah, "Vector Control Based Regenerative Braking For Induction Motor Driven Battery Electric Vehicles", International Journal of Power and Energy Systems, Acta press, vol. 40, no. 2, pp.203-122, 2020.
12.	P. K. A. Vijay, V. A. Shah, and V. V. Shimin, "Energy Based Equivalent Circuit Modeling of Ultracapacitor Considering Variation of ESR with OCV," Int. J. Power Energy System, Acta press, vol. 40, no. 2, Feb. 2020.
13.	N. Patel, V. Shah, and M. Lokhande, "Comparative Analysis of 12/16 Conventional and Proposed C-core Radial Flux SRM Topologies for In-wheel Electric Vehicle Application", Majlesi Journal of Electrical Engineering, vol. 13, no. 2, pp. 57-65, Jun. 2019.
14.	Jiten K. Chavda, Varsha A Shah, "Energy Management of an Electric Vehicle by Hybrid EnergyStorage System with Novel Control Strategy," Journal of Advanced Research in Dynamical and Control Systems, Vol. 11, No.04, pp. 1923-1943, April 2019.
15	Jiten K. Chavda, Varsha A Shah, "Combined Sizing and Energy Management of HESS for an Electric Vehicle by PSO with Novel Power Sharing Control Strategy" International Journal of Innovative Technology and Exploring Engineering (IJITEE) Vol. 8, No. 6, pp. 676-681, April 2019.
16.	Mahmadasraf A. Mulla "Hardware Implementation of the Cascaded H-Bridge Inverter using ARM Cortex M4 Microcontroller" Engineering Letters, IAENG (2020). (Selected)
17.	Payal Patel and Mahmadasraf A. Mulla, "Simple Discontinuous PWM Strategies to Reduce the Switching Losses of an Indirect Matrix Converter." IET Power Electronics (2020). DOI: 10.1049/iet-pel.2019.1600. (Selected)
18.	Patel, Payal P., and Mahmadasraf A. Mulla. "A Single Carrier based Pulse Width Modulation Technique for Three-to-Three Phase Indirect Matrix Converter." IEEE Transactions on Power Electronics (2020). DOI: 10.1109/TPEL.2020.2988594. (Selected)
19.	Piyush L Kamani and Mahmadasraf A. Mulla. "Online SHE Technique for Cascaded Multilevel Inverters with Adjustable DC Sources", International Journal of Power and Energy Systems, Volume 40, Issue 04, 2020, ACTA press publishing, DOI: 10.2316/J.2020.203-0242.
20.	Rajan V. Vamja and Mahmadasraf A. Mulla, "Development of Grid-Connected Solar Water Pumping System utilizing Diode Bridge", International Transactions on Electrical Energy Systems, Wiley publication, January 2020. (Selected) DOI: 10.1002/2050-7038.12339.
21.	Rajesh M. Prasad and Mahmadasraf A. Mulla "Mathematical Modeling and Position-Sensorless Algorithm for Stator-Side Field-Oriented Control of Rotor-tied DFIG in Rotor Flux Reference Frame", IEEE Transactions on Energy Conversion, Date of Publication: 28 November 2019, DOI: 10.1109/TEC.2019.2956255.
22.	Rajesh M. Prasad and Mahmadasraf A. Mulla. "Direct Torque Control of Rotor-Tied DFIG without Rotor Position Sensor", International Journal of Power and Energy Systems, ACTA press publishing, Vol. 40, Issue 1, October 2019. DOI: 10.2316/J.2020.203-0149.
23.	Piyush L Kamani and Mahmadasraf A. Mulla. "Selective Harmonic Elimination-Pulse-Amplitude Modulation for Cascaded Multilevel Inverter-Based STATCOM", International Journal of Power and Energy Systems, Volume 39, Issue 04, 2019, ACTA press publishing, DOI: 10.2316/J.2019.203-0173.
24.	Piyush L Kamani and Mahmadasraf A. Mulla. "A Home-type (H-type) cascaded multilevel inverter with reduced device count: analysis and implementation", Journal of Electric Power Components and Systems, Taylor & Francis, Inc., Volume 47, 2019 - Issue 19-20, Pages 1691-1704, August 2019. DOI: 10.1080/15325008.2019.1660735
25.	DM Sonje, P Kundu, A Chowdhury, "A novel approach for sensitive inter-turn fault detection in induction motor under various operating conditions," Arabian Journal for Science and Engineering 44 (8), 6887-6900, 2019.
26.	M Dixit, P Kundu, HR Jariwala, "Integration of distributed generation for assessment of distribution system reliability considering power loss, voltage stability and voltage deviation," Energy Systems 10 (2), 489-515, 2019.
27.	M Dixit, P Kundu, HR Jariwala, "Techno-economic analysis-based optimal incorporation of distributed energy resources in distribution network under load uncertainty," International Journal of Ambient Energy, 1-7, 2019.

 Singh, Neeraj Kumar, and Vasundhara Mahajan. "Detection of cyber cascade failure in smart grid substation using advance grey wolf optimization." Journal of Interdisciplinary Mathematics 23.1 (2020): 69-79. Taylor & Francis. (Scopus+ESCI). https://doi.org/10.1080/09720502.2020.1721664 Jawaharlal Bhukya and Vasundhara Mahajan, "Optimization of controller's parameters for damping local area oscillation to enhance the stability of an interconnected system with wind farm." Electrical Power and Energy Systems, Vol. 119, 105877, 2020. Jawaharlal Bhukya and Vasundhara Mahajan, "Optimization of damping controller for PSS and SSSC to improve stability of interconnected system with DFIG based wind farm." International Journal of Electrical Power and Energy Systems (UEPES). (Elsevier publishing). Volume 108, Pages 314-335, 2019. (DOI: https://doi.org/10.1016/j.ijepes.2019.01.017) Vijay K. Prajapati and Vasundhara Mahajan, "Congestion Management of Power System with Uncertain Renewable Resources and Plug in Electrical Vehicle" IET Generation, Transmission and Distribution, 2019, 927-938. Vijaykumar K. Prajapati and Vasundhara Mahajan, "Optimal Placement and Sizing of Multiple Active Power Filters in Radial Distribution, 2019, 927-938. Ashok C. Lakum and Vasundhara Mahajan, "Optimal Placement and Sizing of Multiple Active Power Filters in Radial Distribution System Using Grey Wolf Optimizer in Presence of Nonlinear Distributed Generation", Journal Electric Power Systems Research, Volume 173, August 2019, Pages 281-290, (DOI: https://doi.org/10.1016/j.epsr.2019.04.001). Y. P. Patill, H. G. Patel, Robust Control Design using Discrete Sliding Mode Control for Higher-Order Uncertain Systems-International Journal of Engineering and Advanced Technology, ISSN-2249-9896, vol.8, no.3, pp.3055-3083, February, 2020. Y. P. Patill, H. G. Patel, Discrete Sliding Mode Scheme for Uncertain Delay Time Systems using Delay Advanced Estimator		
damping local area oscillation to enhance the stability of an interconnected system with wind farm". Electrical Power and Energy Systems, Vol. 119, 105877, 2020. https://doi.org/10.1016/j.ijepes.2020.105877. 30 Jawaharlal Bhukya and Vasundhara Mahajan, "Optimization of damping controller for PSS and SSSC to improve stability of interconnected system with DFIG based wind farm," International Journal of Electrical Power and Energy Systems (IJEPES), (Elsevier publishing), Volume 108, Pages 314-335, 2019. (DOI: https://doi.org/10.1016/j.ijepes.2019.01.017) 31. Vijay K. Prajapati and Vasundhara Mahajan, "Congestion Management of Power System with Uncertain Renewable Resources and Plug in Electrical Vehicle" IET Generation, Transmission and Distribution, 2019, 927-938. 32. Vijaykumar K. Prajapati and Vasundhara Mahajan, "Demand Response based Congestion Management of Power System with Uncertain Renewable Resources," International Journal of Ambient Energy, 2019, 1-20. 33 Ashok C. Lakum and Vasundhara Mahajan, "Optimal Placement and Sizing of Multiple Active Power Filters in Radial Distribution System Using Grey Wolf Optimizer in Presence of Nonlinear Distributed Generation", Journal Electric Power Systems Research, Volume 173, August 2019, Pages 281-290, (DOI: https://doi.org/10.1016/j.epsr.2019.04.001) 34. Y. P. Patil, H. G. Patel, Robust Control Design using Discrete Sliding Mode Control for Higher-Order Uncertain Systems-International Journal of Engineering and Advanced Technology, ISSN-2249-8958, vol.9, no.3, pp.3055-3063, February, 2020. 35. Y. P. Patil, H. G. Patel, Discrete Adaptive Model Following Sliding Mode Control Design for Improved Performance, Jour of Adv. Research in Dynamical & Control Systems, vol. 12, no. 3, pp. 557-569, 2020. 36. Y. P. Patil, H. G. Patel, Discrete Sliding Mode Scheme for Uncertain Delay Time Systems using Delay Advanced Estimator, International Journal of Power Quality On-Board Integrated Charger with Reduced Switching Stress, "IEEE Transaction on Power Electronics, 2020.		grid substation using advance grey wolf optimization." Journal of Interdisciplinary Mathematics 23.1 (2020): 69-79, Taylor & Francis. (Scopus+ESCI).https://doi.org/10.1080/09720502.2020.1721664
and SSSC to improve stability of interconnected system with DFiG based wind farm; International Journal of Electrical Power and Energy Systems (ILEPES), (Elsevier publishing), Volume 108, Pages 314-335, 2019. (DOI: https://doi.org/10.1016/j.ijepes.2019.01.017) 31. Vijay K. Prajapati and Vasundhara Mahajan, "Congestion Management of Power System with Uncertain Renewable Resources and Plug in Electrical Vehicle" IET Generation, Transmission and Distribution, 2019, 927-938. 32. Vijaykumar K. Prajapati and Vasundhara Mahajan, "Demand Response based Congestion Management of Power System with Uncertain Renewable Resources," International Journal of Ambient Energy, 2019, 1-20. 33. Ashok C. Lakum and Vasundhara Mahajan, "Optimal Placement and Sizing of Multiple Active Power Filters in Radial Distribution System Using Grey Wolf Optimizer in Presence of Nonlinear Distributed Generation", Journal Electric Power Systems Research, Volume 173, August 2019, Pages 281-290, (DOI: https://doi.org/10.1016/j.epsr.2019.04.001). 34. Y. P. Patil, H. G. Patel, Robust Control Design using Discrete Sliding Mode Control for Higher-Order Uncertain Systems-International Journal of Engineering and Advanced Technology, ISSN-2249-8958, vol.9, no.3, pp.3055-3063, February, 2020. 35. Y. P. Patil, H. G. Patel, Discrete Adaptive Model Following Sliding Mode Control Design for Improved Performance, Jour of Adv. Research in Dynamical & Control Systems, vol. 12, no. 03, pp. 557-569, 2020. 36. Y. P. Patil, H. G. Patel, Discrete Sliding Mode Scheme for Uncertain Delay Time Systems using Delay Advanced Estimator, International Journal of Control and Automation, vol. 13, no. 2, pp. 147-155, 2020. 37. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "Improved Power Quality On-Board Integrated Charger with Reduced Switching Stress,"IEEE Transaction on Power Electronics, 2020. 38. Kumari Shipra, Rakesh Maurya, Shalkh Mo, Suhel A, "Implementation of PWM technique with Soft Starting Algorithm for Three-Phase Induction Motor Drives" International Journa	29.	damping local area oscillation to enhance the stability of an interconnected system with wind farm", Electrical Power and Energy Systems, Vol. 119, 105877, 2020.
 Uncertain Renewable Resources and Plug in Electrical Vehicle" IET Generation, Transmission and Distribution, 2019, 927-938. Vijaykumar K. Prajapati and Vasundhara Mahajan, "Demand Response based Congestion Management of Power System with Uncertain Renewable Resources," International Journal of Ambient Energy, 2019, 1-20. Ashok C. Lakum and Vasundhara Mahajan, "Optimal Placement and Sizing of Multiple Active Power Filters in Radial Distribution System Using Grey Wolf Optimizer in Presence of Nonlinear Distributed Generation", Journal Electric Power Systems Research, Volume 173, August 2019, Pages 281-290, (DOI: https://doi.org/10.1016/j.epsr.2019.04.001). Y. P. Patil, H. G. Patel, Robust Control Design using Discrete Sliding Mode Control for Higher-Order Uncertain Systems-International Journal of Engineering and Advanced Technology, ISSN-2248-9858, vol.9, no.3, pp.3055-3063, February, 2020. Y. P. Patil, H. G. Patel, Discrete Adaptive Model Following Sliding Mode Control Design for Improved Performance, Jour of Adv. Research in Dynamical & Control Systems, vol. 12, no. 03, pp. 557-569, 2020. Y. P. Patil, H. G. Patel, Discrete Sliding Mode Scheme for Uncertain Delay Time Systems using Delay Advanced Estimator, International Journal of Control and Automation, vol. 13, no. 2, pp. 147-155, 2020. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "Improved Power Quality On-Board Integrated Charger with Reduced Switching Stress,"IEEE Transaction on Power Electronics, 2020. Kumari Shipra, Rakesh Maurya, S.N. Sharma, "A Passivity based Controller for an Interleaved Boost PFC Converter," International Journal of Power Electronics (Inderscience), 2020. Rajan V. Rakesh Maurya, Shaikh Mo.Suhel A, "Implementation of PWM technique with Soft Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power and Energy Conversion (Inderscience), vol.11, no.4, pp. 333-351,2020. Jyoti	30	and SSSC to improve stability of interconnected system with DFIG based wind farm," International Journal of Electrical Power and Energy Systems (IJEPES), (Elsevier publishing),
 Management of Power System with Uncertain Renewable Resources," International Journal of Ambient Energy, 2019, 1-20. 33 Ashok C. Lakum and Vasundhara Mahajan, "Optimal Placement and Sizing of Multiple Active Power Filters in Radial Distribution System Using Grey Wolf Optimizer in Presence of Nonlinear Distributed Generation", Journal Electric Power Systems Research, Volume 173, August 2019, Pages 281-290, (DOI: https://doi.org/10.1016/j.epsr.2019.04.001). 34. Y. P. Patil, H. G. Patel, Robust Control Design using Discrete Sliding Mode Control for Higher-Order Uncertain Systems-International Journal of Engineering and Advanced Technology, ISSN-2249-8958, vol.9, no.3, pp.3055-3063, February, 2020. 35. Y. P. Patil, H. G. Patel, Discrete Adaptive Model Following Sliding Mode Control Design for Improved Performance, Jour of Adv. Research in Dynamical & Control Systems, vol. 12, no. 03, pp. 567-569, 2020. 36. Y. P. Patil, H. G. Patel, Discrete Sliding Mode Scheme for Uncertain Delay Time Systems using Delay Advanced Estimator, International Journal of Control and Automation, vol. 13, no. 2, pp. 147-155, 2020. 37. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "Improved Power Quality On-Board Integrated Charger with Reduced Switching Stress,"IEEE Transaction on Power Electronics, 2020. 38. Kumari Shipra, Rakesh Maurya, S.N. Sharma, "A Passivity based Controller for an Interleaved Boost PFC Converter," International Journal of Power Electronics (Inderscience), 2020. 39. Rajan V. Rakesh Maurya, Shaikh Mo.Suhel A, "Implementation of PVM technique with Soft Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power and Energy Conversion (Inderscience), vol.11, no.4, pp. 333-351,2020. 40. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "On-Board EV Battery Charger with Improved Power Quality and Reduced Switching Stress,"IETP Power Electronics. December. DOI: 10.1049/iet-pel.2019.0962, 2019. 41. Talad Appa	31.	Uncertain Renewable Resources and Plug in Electrical Vehicle" IET Generation,
 Power Filters in Radial Distribution System Using Grey Wolf Optimizer in Presence of Nonlinear Distributed Generation", Journal Electric Power Systems Research, Volume 173, August 2019, Pages 281-290, (DOI: https://doi.org/10.1016/j.epsr.2019.04.001). 34. Y. P. Patil, H. G. Patel, Robust Control Design using Discrete Sliding Mode Control for Higher-Order Uncertain Systems-International Journal of Engineering and Advanced Technology, ISSN-2249–8958, vol.9, no.3, pp.3055-3063, February, 2020. 35. Y. P. Patil, H. G. Patel, Discrete Adaptive Model Following Sliding Mode Control Design for Improved Performance, Jour of Adv. Research in Dynamical & Control Systems, vol. 12, no. 03, pp. 557-569, 2020. 36. Y. P. Patil, H. G. Patel, Discrete Sliding Mode Scheme for Uncertain Delay Time Systems using Delay Advanced Estimator, International Journal of Control and Automation, vol. 13, no. 2, pp. 147-155, 2020. 37. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "Improved Power Quality On-Board Integrated Charger with Reduced Switching Stress,"IEEE Transaction on Power Electronics, 2020. 38. Kumari Shipra, Rakesh Maurya, S.N. Sharma, "A Passivity based Controller for an Interleaved Boost PFC Converter," International Journal of Power Electronics (Inderscience), 2020. 39. Rajan V. Rakesh Maurya, Shalkh Mo.Suhel A, "Implementation of PWM technique with Soft Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power and Energy Conversion (Inderscience), vol.11, no.4, pp. 333-351,2020. 40. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "On-Board EV Battery Charger with Improved Power Quality and Reduced Switching Stress,"IET Power Electronics. December. DOI: 10.1049/iet-pel.2019.0962, 2019. 41. Talada Appala Naidu, Sabha Raj Arya, and Rakesh Maurya, "Dynamic Voltage Restorer With Improved Power Quality and Reduced Switching Stress,"IET Power Electronics, vol.7, no.4, pp: 2476-2485, Dec 2019. 42. Shalkh Mo.Suhe	32.	Management of Power System with Uncertain Renewable Resources," International Journal
Higher-Order Uncertain Systems-International Journal of Engineering and Advanced Technology, ISSN-2249-8958, vol.9, no.3, pp.3055-3063, February, 2020. 35. Y. P. Patill, H. G. Patel, Discrete Adaptive Model Following Sliding Mode Control Design for Improved Performance, Jour of Adv. Research in Dynamical & Control Systems, vol. 12, no. 03, pp. 557-569, 2020. 36. Y. P. Patil, H. G. Patel, Discrete Sliding Mode Scheme for Uncertain Delay Time Systems using Delay Advanced Estimator, International Journal of Control and Automation, vol. 13, no. 2, pp. 147-155, 2020. 37. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "Improved Power Quality On-Board Integrated Charger with Reduced Switching Stress,"IEEE Transaction on Power Electronics, 2020. 38. Kumari Shipra, Rakesh Maurya, S.N. Sharma, "A Passivity based Controller for an Interleaved Boost PFC Converter," International Journal of Power Electronics (Inderscience), 2020. 39. Rajan V. Rakesh Maurya, Shaikh Mo.Suhel A, "Implementation of PWM technique with Soft Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power and Energy Conversion (Inderscience), vol.11, no.4, pp. 333-351,2020. 40. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "On-Board EV Battery Charger with Improved Power Quality and Reduced Switching Stress,"IET Power Electronics. December. DOI: 10.1049/iet-pel.2019.0962, 2019. 41. Talada Appala Naidu, Sabha Raj Arya, and Rakesh Maurya, "Dynamic Voltage Restorer With Quasi-Newton Filter-Based Control Algorithm and Optimized Values of PI Regulator Gains," IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.7, no.4, pp: 2476-2485, Dec 2019. 42. Shaikh Mo.Suhel A, Rakesh Maurya, Nitin Gupta, "Modified Switching Table Based Direct Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and Systems, https://doi.org/10.1080/15325008.2019.1637970, 2019. 43. Shaikh Mo.Suhel A, Rakesh Maurya, "Simplified implementation of SVPWM techniques for a Six-phase machine with reduced curren	33	Power Filters in Radial Distribution System Using Grey Wolf Optimizer in Presence of Nonlinear Distributed Generation", Journal Electric Power Systems Research, Volume 173,
 Improved Performance, Jour of Adv. Research in Dynamical & Control Systems, vol. 12, no. 03, pp. 557-569, 2020. 36. Y. P. Patil, H. G. Patel, Discrete Sliding Mode Scheme for Uncertain Delay Time Systems using Delay Advanced Estimator, International Journal of Control and Automation, vol. 13, no. 2, pp. 147-155, 2020. 37. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "Improved Power Quality On-Board Integrated Charger with Reduced Switching Stress,"IEEE Transaction on Power Electronics, 2020. 38. Kumari Shipra, Rakesh Maurya, S.N. Sharma, "A Passivity based Controller for an Interleaved Boost PFC Converter," International Journal of Power Electronics (Inderscience), 2020. 39. Rajan V. Rakesh Maurya, Shaikh Mo.Suhel A, "Implementation of PWM technique with Soft Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power and Energy Conversion (Inderscience), vol.11, no.4, pp. 333-351,2020. 40. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "On-Board EV Battery Charger with Improved Power Quality and Reduced Switching Stress,"IET Power Electronics. December. DOI: 10.1049/iet-pel.2019.0962, 2019. 41. Talada Appala Naidu, Sabha Raj Arya, and Rakesh Maurya, "Dynamic Voltage Restorer With Quasi-Newton Filter-Based Control Algorithm and Optimized Values of PI Regulator Gains," IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.7, no.4, pp: 2476-2485, Dec 2019. 42. Shaikh Mo.Suhel A, Rakesh Maurya, Nitin Gupta, "Modified Switching Table Based Direct Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and Systems, https://doi.org/10.1080/15325008.2019.1637970, 2019. 43. Shaikh Mo.Suhel A, Rakesh Maurya, "Simplified implementation of SVPWM techniques for a Six-phase machine with reduced current distortion features," IET Electric Power Applications, DOI:10.1049/iet-epa.2018.5918, 2019. 44. Ashutosh K. Giri, Sabha Raj Arya and Rakesh Maurya, "Compensation of P	34.	Higher-Order Uncertain Systems-International Journal of Engineering and Advanced
 using Delay Advanced Estimator, International Journal of Control and Automation, vol. 13, no. 2, pp. 147-155, 2020. 37. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "Improved Power Quality On-Board Integrated Charger with Reduced Switching Stress,"IEEE Transaction on Power Electronics, 2020. 38. Kumari Shipra, Rakesh Maurya, S.N. Sharma, "A Passivity based Controller for an Interleaved Boost PFC Converter," International Journal of Power Electronics (Inderscience), 2020. 39. Rajan V. Rakesh Maurya, Shaikh Mo.Suhel A, "Implementation of PWM technique with Soft Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power and Energy Conversion (Inderscience), vol.11, no.4, pp. 333-351,2020. 40. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "On-Board EV Battery Charger with Improved Power Quality and Reduced Switching Stress,"IET Power Electronics. December. DOI: 10.1049/iet-pel.2019.0962, 2019. 41. Talada Appala Naidu, Sabha Raj Arya, and Rakesh Maurya, "Dynamic Voltage Restorer With Quasi-Newton Filter-Based Control Algorithm and Optimized Values of PI Regulator Gains," IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.7, no.4, pp: 2476-2485, Dec 2019. 42. Shaikh Mo.Suhel A, Rakesh Maurya, Nitin Gupta, "Modified Switching Table Based Direct Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and Systems, https://doi.org/10.1080/15325008.2019.1637970, 2019. 43. Shaikh Mo.Suhel A, Rakesh Maurya, "Simplified implementation of SVPWM techniques for a Six-phase machine with reduced current distortion features," IET Electric Power Applications, DOI:10.1049/iet-epa.2018.5918, 2019. 44. Ashutosh K. Giri, Sabha Raj Arya and Rakesh Maurya, "Compensation of Power Quality 	35.	Improved Performance, Jour of Adv. Research in Dynamical & Control Systems, vol. 12, no.
 Integrated Charger with Reduced Switching Stress, "IEEE Transaction on Power Electronics, 2020. 38. Kurnari Shipra, Rakesh Maurya, S.N. Sharma, "A Passivity based Controller for an Interleaved Boost PFC Converter," International Journal of Power Electronics (Inderscience), 2020. 39. Rajan V. Rakesh Maurya, Shaikh Mo.Suhel A, "Implementation of PWM technique with Soft Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power and Energy Conversion (Inderscience), vol.11, no.4, pp. 333-351,2020. 40. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "On-Board EV Battery Charger with Improved Power Quality and Reduced Switching Stress,"IET Power Electronics. December. DOI: 10.1049/iet-pel.2019.0962, 2019. 41. Talada Appala Naidu, Sabha Raj Arya, and Rakesh Maurya, "Dynamic Voltage Restorer With Quasi-Newton Filter-Based Control Algorithm and Optimized Values of PI Regulator Gains," IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.7, no.4, pp: 2476-2485, Dec 2019. 42. Shaikh Mo.Suhel A, Rakesh Maurya, Nitin Gupta, "Modified Switching Table Based Direct Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and Systems, https://doi.org/10.1080/15325008.2019.1637970, 2019. 43. Shaikh Mo.Suhel A, Rakesh Maurya, "Simplified implementation of SVPWM techniques for a Six-phase machine with reduced current distortion features," IET Electric Power Applications, DOI:10.1049/iet-epa.2018.5918, 2019. 44. Ashutosh K. Giri, Sabha Raj Arya and Rakesh Maurya, "Compensation of Power Quality 	36.	using Delay Advanced Estimator, International Journal of Control and Automation, vol. 13, no.
 Interleaved Boost PFC Converter," International Journal of Power Electronics (Inderscience), 2020. Rajan V. Rakesh Maurya, Shaikh Mo.Suhel A, "Implementation of PWM technique with Soft Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power and Energy Conversion (Inderscience), vol.11, no.4, pp: 333-351,2020. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "On-Board EV Battery Charger with Improved Power Quality and Reduced Switching Stress,"IET Power Electronics. December. DOI: 10.1049/iet-pel.2019.0962, 2019. Talada Appala Naidu, Sabha Raj Arya, and Rakesh Maurya, "Dynamic Voltage Restorer With Quasi-Newton Filter-Based Control Algorithm and Optimized Values of PI Regulator Gains," IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.7, no.4, pp: 2476-2485, Dec 2019. Shaikh Mo.Suhel A, Rakesh Maurya, Nitin Gupta, "Modified Switching Table Based Direct Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and Systems, https://doi.org/10.1080/15325008.2019.1637970, 2019. Shaikh Mo.Suhel A, Rakesh Maurya, "Simplified implementation of SVPWM techniques for a Six-phase machine with reduced current distortion features," IET Electric Power Applications, DOI:10.1049/iet-epa.2018.5918, 2019. Ashutosh K. Giri, Sabha Raj Arya and Rakesh Maurya, "Compensation of Power Quality 	37.	Integrated Charger with Reduced Switching Stress,"IEEE Transaction on Power Electronics,
 Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power and Energy Conversion (Inderscience), vol.11, no.4, pp. 333-351,2020. 40. Jyoti Gupta, Rakesh Maurya and Sabha Raj Arya, "On-Board EV Battery Charger with Improved Power Quality and Reduced Switching Stress,"IET Power Electronics. December. DOI: 10.1049/iet-pel.2019.0962, 2019. 41. Talada Appala Naidu, Sabha Raj Arya, and Rakesh Maurya, "Dynamic Voltage Restorer With Quasi-Newton Filter-Based Control Algorithm and Optimized Values of PI Regulator Gains," IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.7, no.4, pp: 2476-2485, Dec 2019. 42. Shaikh Mo.Suhel A, Rakesh Maurya, Nitin Gupta, "Modified Switching Table Based Direct Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and Systems, https://doi.org/10.1080/15325008.2019.1637970, 2019. 43. Shaikh Mo.Suhel A, Rakesh Maurya, "Simplified implementation of SVPWM techniques for a Six-phase machine with reduced current distortion features," IET Electric Power Applications, DOI:10.1049/iet-epa.2018.5918, 2019. 44. Ashutosh K. Giri, Sabha Raj Arya and Rakesh Maurya, "Compensation of Power Quality 	38.	Interleaved Boost PFC Converter," International Journal of Power Electronics (Inderscience),
 Improved Power Quality and Reduced Switching Stress,"IET Power Electronics. December. DOI: 10.1049/iet-pel.2019.0962, 2019. 41. Talada Appala Naidu, Sabha Raj Arya, and Rakesh Maurya, "Dynamic Voltage Restorer With Quasi-Newton Filter-Based Control Algorithm and Optimized Values of PI Regulator Gains," IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.7, no.4, pp: 2476-2485, Dec 2019. 42. Shaikh Mo.Suhel A, Rakesh Maurya, Nitin Gupta, "Modified Switching Table Based Direct Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and Systems, https://doi.org/10.1080/15325008.2019.1637970, 2019. 43. Shaikh Mo.Suhel A, Rakesh Maurya, "Simplified implementation of SVPWM techniques for a Six-phase machine with reduced current distortion features," IET Electric Power Applications, DOI:10.1049/iet-epa.2018.5918, 2019. 44. Ashutosh K. Giri, Sabha Raj Arya and Rakesh Maurya, "Compensation of Power Quality 	39.	Starting Algorithm for Three-Phase Induction Motor Drives" International Journal of Power
 Quasi-Newton Filter-Based Control Algorithm and Optimized Values of PI Regulator Gains," IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.7, no.4, pp: 2476-2485, Dec 2019. 42. Shaikh Mo.Suhel A, Rakesh Maurya, Nitin Gupta, "Modified Switching Table Based Direct Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and Systems, https://doi.org/10.1080/15325008.2019.1637970, 2019. 43. Shaikh Mo.Suhel A, Rakesh Maurya, "Simplified implementation of SVPWM techniques for a Six-phase machine with reduced current distortion features," IET Electric Power Applications, DOI:10.1049/iet-epa.2018.5918, 2019. 44. Ashutosh K. Giri, Sabha Raj Arya and Rakesh Maurya, "Compensation of Power Quality 	40.	Improved Power Quality and Reduced Switching Stress,"IET Power Electronics. December.
Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and Systems, https://doi.org/10.1080/15325008.2019.1637970, 2019. 43. Shaikh Mo.Suhel A, Rakesh Maurya, "Simplified implementation of SVPWM techniques for a Six-phase machine with reduced current distortion features," IET Electric Power Applications, DOI:10.1049/iet-epa.2018.5918, 2019. 44. Ashutosh K. Giri, Sabha Raj Arya and Rakesh Maurya, "Compensation of Power Quality	41.	Quasi-Newton Filter-Based Control Algorithm and Optimized Values of PI Regulator Gains," IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.7, no.4, pp: 2476-
Six-phase machine with reduced current distortion features," IET Electric Power Applications, DOI:10.1049/iet-epa.2018.5918, 2019. 44. Ashutosh K. Giri, Sabha Raj Arya and Rakesh Maurya, "Compensation of Power Quality	42.	Torque Control of Six-Phase Induction Motor Drive," Electric Power Components and
	43.	Six-phase machine with reduced current distortion features," IET Electric Power Applications,
	44.	

	IEEE Transactions on Industrial Electronics, vol. 66, no. 11, pp. 9023-9031, Nov. 2019.
45.	Ashutosh K Giri, Sabha Raj Arya, Rakesh Maurya, and B. Chitti Babu, "VCO less PLL Control Based VSC for Power Quality improvement in Distributed Generation System," IET Electric Power Applications, vol. 13, no. 8, pp. 1114-1124, 2019.
46.	Talada Appala Naidu, Sabha Raj Arya and Rakesh Maurya, "Compensation of Voltage based Power Quality Problems using Sliding Mode Observer with Optimized PI controller Gains," IET Generation, Transmission & Distribution, vol. 14, no. 14, pp. 2656-2665, 2020.
47.	Ashutosh k. Giri, Sabha Raj Arya, Rakesh Maurya and B Chitti Babu, "Control of Voltage Source Converter for Enhancement of Power Quality in off-Grid Distributed Power Generation," IET Renewable Power Generation, vol. 14, no. 5, pp. 771-778, July 2019.
48.	Sayed Javed Alam and Sabha Raj Arya, "Observer based Control for UPQC-S with Optimized Gains of PI Controller," International Transactions on Electrical Energy Systems, 2020.
49.	Sabha Raj Arya, Mittal M. Patel, Sayed Javed Alam, Jayadeep Srikakolapu and Ashutosh K. Giri, "Phase lock loop-based algorithms for DSTATCOM to mitigate load created power quality problems," International Transactions on Electrical Energy Systems, 2019.
50.	Ashutosh K. Giri, Sabha Raj Arya, Rakesh Maurya and B. Chitti Babu, "Mitigation of power quality problems in PMSG-based power generation system using quasi-Newton-based algorithm," International Transactions on Electrical Energy Systems, 2019.
51.	Talada Appala Naidu, Sabha Raj Arya and Rakesh Maurya, "Phase Locked Loop based on Third Order SSI for Compensation of Voltage Related Power Quality issues using DVR," Journal of Electrical Power and System Components, vol. 47, no. 4-5, pp.329–344, 2019.
52.	Sanjay K. Patel, Sabha Raj Arya and Rakesh Maurya, "Control of three phase DSTATCOM using optimal step LMS algorithm," Journal of Electrical Power and System Components, vol. 47, no. 8, pp. 704–720, 2019.
53.	Sabha Raj Arya, Nunsavath Sharath Kumar, Ashutosh Giri and Amin Qureshi, "Fuel Cell Integration with Grid using Voltage Source Converter and its Control," International Journal of Power and Energy Conversion, vol.11, no.2, pp.132-151, 2020.
54.	A. Routray, K. D. Mistry and S. Arya, "Wake Analysis on Wind Farm Power Generation for Loss Minimization in Radial Distribution System", Renewable Energy Focus, 2020.
55.	A. Routray, K. D. Mistry and S. Arya, Power Loss Minimization in Radial Distribution Systems with Obstructed Solar Astronomical Model and Temperature Effect Using GWO Technique, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, pp.1-20, 2020.
56.	Rajasekharareddy Chilipi, N. Alsayari and J. Alsawalhi, "Control of dual converter-based gridtied SPV system with series—shunt compensation capabilities," in <i>IET Renewable Power Generation</i> , vol. 14, no. 1, pp. 164-175, Jan 2020.
57.	Kunisetti V. Praveen Kumar & Thippiripati Vinay Kumar, "Enhanced predictive torque control of multi-level inverter fed open-end winding induction motor drive based on predictive angle control, EPE Journal, 30:2, 94-104, 2020.
58.	B. S. Naik, Y. Suresh, J. Venkataramanaiah and A. K. Panda, "A Hybrid Nine-level Inverter Topology with Boosting Capability and Reduced Component Count," in <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020.
59.	B.N Rao, Yellasiri Suresh, A.K. Panda, B.S. Naik and Jammala Venkataramanaiah, "Development of cascaded multilevel inverter based active power filter with reduced transformers," CPSS Transactions on Power Electronics and Applications, vol. 5, 147-157, 2020.
60.	Shiva Naik, Banavath, Yellasiri Suresh, and Jammala Venkataramanaiah. "Experimental verification of a hybrid multilevel inverter with voltage-boosting ability", International Journal of Circuit Theory and Applications, 420-434, 2020.
61.	B. S. Naik, Y. Suresh, J. Venkataramanaiah and A. K. Panda, "Design and implementation of a novel nine-level MT-MLI with a self-voltage-balancing switching technique," in <i>IET Power Electronics</i> , vol. 12, no. 15, pp. 3953-3963, 2019.

	Electronics Engineering Department	
1.	Priyank H. Prajapati and AnadDarji, FPGA Implementation of MRMN with Step-size Scalar Adaptive Filter for Impulsive Noise Reduction, Circuits, Systems, and Signal Processing, Springer, 3682-3710, 2020	
2.	Dinesh Rotake , A. D. Darji and Nitin Kale, Design of microfluidic experimental setup for the detection of Heavy Metal Ions using Piezoresistive BioMEMS Sensor, Microelectronics International, emerald PUBLISHING, USA, 10-28, 2019	
3.	Dinesh Rotake , A. D. Darji and Nitin Kale, Fabrication, calibration, and preliminary testing of microcantilever-based piezoresistive sensor for BioMEMS applications, IET nanobiotechnology, IET PUBLISHING, 357-368, 2020	
4.	Dinesh Rotake , A. D. Darji and Nitin Kale, Highly selective piezoresistive sensor for detection of Hg2+ ions using mercaptosuccinic acid-functionalized microcantilevers with cross-linked pyridinedicarboxylic acid, Sensor Review, emerald PUBLISHING, USA, ahead-of-print, 2020	
5.	Dinesh Rotake, A. D. Darji and Jitendra Singh, Thin-film based sensor for the selective detection of mercury (Hg2+) ions at the picomolar range, Sensor Review, emerald PUBLISHING, USA, 485-495, 2020	
6.	Dinesh Rotake, A. D. Darji, Ajay kumar and Jitendra Singh, Highly selective sensor for the detection of Hg2+ ions using Homocysteine functionalized quartz crystal microbalance with cross-linked pyridinedicarboxylic acid, IET nanobiotechnology, IET PUBLISHING, ahead-of-print, 2020	
7.	Dinesh Rotake , A. D. Darji and Nitin Kale, Ultrasensitive detection of Cadmium ions using a microcantilever-based piezoresistive sensor for groundwater, Beilstein Journal of Nanotechnology, 1242-1253, 2020	
8.	Ketki C. Pathak, Jignesh N. Sarvaiya, Anand D. Darji and Pooja Panchal, Modified Boundary Matching Algorithm for Error Detection and Error Concealment for Video Communication, International Journal of InnovativeTechnology and Exploring Engineering (IJITEE), Aug 2019	
9.	GireeshSoni, AbhilashMandloi and Shilpi Gupta, Feasibility Analysis of OWC for Indian Tropical and Subtropical Climates, J. Opt. Commun, 1-8, 2019	
10.	Abhishek Tripathi, Shilpi Gupta, AbhilashMandloi, Orthogonally polarized and 60 GHz dual-channel based 18× 2.5 Gb/s DWDM-interleaved hybrid FSO , Wireless Personal Communications, 1-4, 2020	
11.	Gireesh G. Soni, Abhishek Tripathi, AbhilashMandloi & Shilpi Gupta, Compensating rain induced impairments in terrestrial FSO links using aperture averaging and receiver diversity, Optical and Quantum Electronics, 1-5, 2020	
12.	Shashi ranjan, J N Sarvaiya, Jigisha Patel, Integrating spectral and Special Features for Hyperspectral Image classification with a modified composite kernel Framework, Journal of Photo grammetry, remote sensing and Geoinformation Science, Springer Pub, 275-296, Nov 2019.	
13.	Shruti, S R N Dhavse, J N Sarvaiya, Precise, portable and wide band alternating current source for extremely low current values, Analog Integrated Circuits and Signal Processing, Springer, 273–282, Feb2019	
14.	Sarosh K. Dastoor, UpenaDalal and JigneshSarvaiya, Optimisation of CoMP-based cellular network design and its radio network parameters for next generation HetNet using Taguchi's method, Int. J. Innovative Computing and Applications, Vol., 2020, 147-158, 2020	
15.	Sarosh K. Dastoor, UpenaDalal and JigneshSarvaiya, Collaborative Communication Based Modern Cellular Planning and Optimization of the Network Performance Parameters using Ga, International Journal of Innovative Technology and Exploring Engineering, Vol., 8, 2810-2818, July 2019.	
16.	Ketki C. Pathak, Jignesh N. Sarvaiya, Anand D. Darji and Pooja Panchal, Modified Boundary Matching Algorithm for Error Detection and Error Concealment for Video Communication, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Aug. 2019	
17.	Sruthi S, RasikaDhavse, JigneshSarvaiya, Quality Assessment of Fruits and Vegetables using Bio-impedance based Expert System, International Journal of Innovative Technology	

	and Exploring Engineering, 965-970, June 2020
8.	Pavan Sai Vemulapalli, Ajay Kumar Rachuri, Heena Pater, Rishlor F. Optor, Manual of Convergence of Technology (AJCT), 01-07, 2020.
9.	Vishal M Chudasama, Kishorupla, E-ProSRNet: An Enhanced Progressive Single Super-Resolution Approach, Elsevier Journal of Computer Vision and Image Understanding
20.	Hirenkumar V. Dhuda, Piyush N. Patel, Hiteshkumar B. Pandya, Design and devisepments, the W-band corrugated waveguide mode converter for fusion plasma experiments, the W-band corrugated waveguide mode converter for fusion plasma experiments, the W-band corrugated waveguide mode converter for fusion plasma experiments, the W-band corrugated waveguide mode converter for fusion plasma experiments, the W-band corrugated waveguide mode converter for fusion plasma experiments, the W-band corrugated waveguide mode converter for fusion plasma experiments, the W-band corrugated waveguide mode converter for fusion plasma experiments, the W-band corrugated waveguide mode converter for fusion plasma experiments, the W-band corrugated waveguide mode converter for fusion plasma experiments, the W-band corrugated waveguide mode converter for fusion plasma experiments, and the W-band corrugated waveguide mode converter for fusion plasma experiments, and the W-band corrugated waveguide mode converter for fusion plasma experiments, and the W-band corrugated waveguide mode converter for fusion plasma experiments.
21.	2019. Hirenkumar V. Dhuda, Piyush N. Patel, Hiteshkumar B. Pandya, Modified Corrugation-Based W-Band Waveguide With Selective Notched Operation for Fusion Plasma Diagnostics, IEEE Transactions on Plasma Science, 2502-2508, June 2020
22.	Hirenkumar V. Dhuda, Piyush N. Patel, Hiteshkumar B. Pandya, A Constant Control of the Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–110 GHz, Circular Waveguide for High-Pass Signal Diagnostics in ECEI System at 75–
23.	MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Chetan D Modnera, Apertured EBO-Bassa important MeghayuAdhvaryu, Piyush N. Patel, Piyus
24.	Raj Shah, RasikaDhavse, Novel Hybrid Silicon SETMOS Design for Fower Emission 71 March 2020
25.	Raj Shah, Rutu Parekh and RasikaDhavse, Design Strategy and Simulation of Single
26.	Abhishek Tripathi, Shilpi Gupta, AbhilashMandloi, Gireesh G. Solli, All invostigations QAM Signal Transmission over Turbulent RoFSO Link Modeled by Gamma-Gamma QAM Signal Transmission over Turbulent RoFSO Link Modeled by Gamma-Gamma
27.	P. M. Bhamre, S. Gupta A Novel Constrained Waveform Designing to Million 1995
28.	P. Bhamre, S. Gupta, GMTI STAP Performance Under Space-Time Imparious
29.	Pooja Bhamre, Shilpi Gupta, Constrained Waveform Designing for Willy 19 19 19 19 19 19 19 19 19 19 19 19 19
30.	Pooja Bhamre, Shilpi Gupta, Optimization of Poly Phase Codes in Time Bolling Poly Phase Codes in Ti
31.	Mitesh S Solanki, Shilpi Gupta, Vinay kumar Singh, A Novel Efficient Spitere Bedding was Reed-Solomon Code in MIMO Detection, International Journal of Innovative Technology and Reed-Solomon Code in MIMO Detection, International Journal of Innovative Technology and Reed-Solomon Code in MIMO Detection, International Journal of Innovative Technology
32.	Priyanka L. Lineswala, , Shweta N. Shah, Jamming: The probable menade to the
33.	Darshna D. Jagiwala; Shweta N. Shah, Perception and Teddoulor of VVVV Manual Programme Senses & Newigation, 352 – 356, 2019
34.	PL Lineswala, DD Jagiwala, SN Shah, Hypothesis Test-based Edition.
35.	MV Desai, SN Shah, Estimation of Ionospheric Delay of Navionation Systems and Space Climate, A23, 2019
36.	RR Hirani, SK Pathak, SN Shah, Full Wave Analysis and Computation of Antennas and Characteristics for Reconfigurable Plasma Antennas," IEEE Transactions on Antennas and Propagation, 5185-5193, 2019
37.	PL Lineswala, SN Shah, Performance analysis of different interference decourses. PL Lineswala, SN Shah, Performance analysis of different interference decourses. PL Lineswala, SN Shah, Performance analysis of different interference decourses.
38.	- cal Chab Case Study: Performance Observation of Naviolendatal

39. 	MV Desai, SN Shah, An observational review on influence of intense geomagnetic storm on positional accuracy of NavIC/IRNSS system, IETE Technical Review, 281-295, 2020
40.	SonalParmar, UpenaDalal, K. N Pathak, Analysing Impact of Major Solar Flares on Ionospheric TEC using NavIC/IRNSS Signals Current Science
41.	Swati Vinod Sakhare and Upena D Dalal, Improving PSNR and processing speed for HEVC using hybrid PSO for intraframe prediction, International journal of multimedia and application (IJMA), Accepted in June 2020 published in August 2020
42.	N. K. Kabra and Z. M. Patel, A Novel Approach to Design Hard Multiple Generator for Radix-8 Modulo 2 ⁿ -1 Multiplier using Inclusive-OR Adder, Integration: the VLSI Journal (Elsevier) ISSN:0167-9260, June -2020.

	Mechanical Engineering Department
1.	Additional Jagtap and Shailendra Kumar, Optimisation and modelling of thinning and geometric accuracy in incremental sheet forming combined with stretch forming, Int. Journal of Materials Engineering Innovation, Vol. 10 (1) 2 19, 2010
2.	S. Vyavahare, Soham Teraiya, Deepak Panghal and Shailendra Kumar, Fused deposition modelling A review, Rapid Prototyping Journal, Vol., 26, 1-26, 2019
3.	Alt Dhanawade, Puneet Kumar, and Shailendra Kumar, Experimental study on abrasive water jet machining of carbon epoxy composite, Advances in Materials and Processing Technologies, Vol., 6, 1-14, 2019.
4.	Ravi Kumar Gupta, H. M.A. Hussein, S.S.Salunkhe, Mukur Gupta, S.Kumar, Step toward computer-aided integration of sheet metal application", In: Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering, Lecture Notes in Mechanical Engineering, Springer Nature, Singapore, 2010, 10
5.	the Geometric Accuracy of Formed Parts", In: Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering, Lecture Notes in Mechanical
6.	for Feature Recognition of Sheet Metal Parts: A Review, In: Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering, Lecture Notes in Mechanical Engineering, Springer Nature, Singapore, 2000.
7.	machined by abrasive water jet machining, Journal of Composite Materials, August 2019, Vol. 53 (20), pp. 2909-2924 (SCLLE = 1.972)
8.	Roughness and Kerf Properties in Abrasive Water Jet Machining of Carbon Fibre Vinyl Ester Composite. In: Shunmugam M., Kanthababu M. (eds) Advances in Unconventional Machining and Composites. Lecture Notes on Multidiary Industrial Engineering.
9.	Prajapati H.J., Kumar P., Kumar S., Kant R., Experimental Investigation on Influence of Process Parameters of Abrasive Water Jet Machining on Kerf Taper of Glass Fiber-Unconventional Machining and Composites. In: Shunmugam M., Kanthababu M. (eds) Advances in Engineering. Springer, Singapore. 2020, https://doi.org/10.1007/978-981-32-9471-
	Vikas Sisodia, and Shailendra Kumar, Study of AA-1050 sheet metal parts processed by single point incremental forming with dummy sheet, Int. Journal of Materials Engineering
	Swapnil Vyavahare, Deepak Panghal and Shailendra Kumar, Experimental study of surface oughness, dimensional accuracy and time of fabrication of parts produced by fused deposition modelling, Rapid Prototyping Journal, 2020, Vol. 26 No. 9, pp. 1535-1554. https://doi.org/10.1108/RPJ-12-2019-0315.

12.	RV Rao and RB Pawar, Constrained design optimization of selected mechanical system components using Rao algorithms, Applied Soft Computing (Elsevier), 89, 106141, 2020.
13.	RV Rao and RB Pawar, Self-adaptive multi-population Rao algorithms for engineering design optimization, Applied Artificial Intelligence (Taylor and Francis), 34 (3), 187-250, 2020.
14.	RV Rao and HS Keesari, Rao algorithms for multi-objective optimization of selected thermodynamic cycles, Engineering with Computers, (Springer), https://doi.org/10.1007/s00366-020-01008-9, 2020.
15.	RV Rao, Rao algorithms: Three metaphor-less simple algorithms for solving optimization problems, International Journal of Industrial Engineering Computations (Growing science), 11 (1), 107-130, 2020.
16.	RV Rao, HS Keesari, P Oclon, and J Taler, An adaptive multi-team perturbation-guiding Jaya algorithm for optimization and its applications, Engineering with Computers (Springer), 36 (1), 391-419, 2020.
17.	M Singh, P Saxena, J Ramkumar, and RV Rao, Multi-spark numerical simulation of the micro-EDM process: an extension of a single-spark numerical study, The International Journal of Advanced Manufacturing Technology (Springer), 108, 2701–2715, 2020.
18.	RV Rao, A Saroj, P Ocloń, and J Taler, Design optimization of heat exchangers with advanced optimization techniques: A review, Archives of Computational Methods in Engineering (Springer), 27 (2), 517-548, 2020.
19.	A. G. Kamble and R. V. Rao, Prediction of effects of process parameters and thermomechanical simulation of GMAW process for welding of AISI 430 steel, International Journal of Manufacturing Technology and Management, 34 (2), 148-173, 2020.
20.	RV Rao and HS Keesari, Solar assisted heat engine systems: Multi-objective optimization and decision making, International Journal of Ambient Energy, https://doi.org/10.1080/01430750.2019.1636870, 1-12, 2019.
21.	RV Rao, DP Rai and J Balic, Multi-objective optimization of abrasive waterjet machining process using Jaya algorithm and PROMETHEE Method, Journal of Intelligent Manufacturing, 30 (5), 2101-2127, 2019.
22.	M Singh, J Ramkumar, RV Rao and J Balic, Experimental investigation and multi-objective optimization of micro-wire electrical discharge machining of a titanium alloy using Jaya algorithm, Advances in Production Engineering & Management, 14 (2), 251-263, 2019.
23.	RV Rao and A Saroj, An elitism-based self-adaptive multi-population Jaya algorithm and its applications, Soft Computing, 23 (12), 4383-4406, 2019.
24.	RV Rao, HS Keesari, P Oclon and J Taler, Improved multi-objective Jaya optimization algorithm for a solar dish Stirling engine, Journal of Renewable and Sustainable Energy, 11(2), 025903, 2019.
25.	H Migallón, A J-M Morenilla, JL Sánchez-Romero, H Rico and RV Rao, Multi-population-based multi-level parallel enhanced Jaya algorithms, The Journal of Supercomputing, 75 (3), 1697-1716, 2019.
26.	A García-Monzó, H Migallón, A J-M Morenilla, JL Sánchez-Romero, H Rico and RV Rao, Efficient subpopulation based parallel TLBO optimization algorithms, Electronics, 8 (1), 1-21, 2019.
27.	A García-Monzó, H Migallón, A J-M Morenilla, JL Sánchez-Romero, H Rico and RV Rao, Comparison of High Performance Parallel Implementations of TLBO and Jaya Optimization Methods on Manycore GPU, IEEE Access, 7, 133822 – 133831, 2019.
28.	Kandarp Changela, H. B. Naik, K. P. Desai, H. K. Raval, Effect of rolling temperatures on mechanical and fracture behaviour of AA 3003 alloy and pure Cu. SN Applied Science, Springer Nature. 2020.
29.	Marathe, S.P. and Raval, H.K., Numerical investigation on forming behaviour of friction stir tailor welded blanks (FSTWBs) during single-point incremental forming (SPIF) process. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 41(10), p.424. 2019

30.	Marathe, S. and Raval, H., Investigation on prediction of forming behaviour of blanks through laser and Ultra Violet (UV) grid marking methods during Single Point Incremental Forming (SPIF) process and Erichsen cup method. IJMMT. vol. XI, no. 2. 37-43. 2019.
31.	Anil Kumar Gillawat and Hemant Jayantilal Nagarsheth "Development & Control of Human Upper Limb 10 DOF R-Type Kinematic Model Using Matrix Approach" Journal of Physics 2019,2019 J. Phys.: Conf. Ser. 1240 012025 https://doi.org/10.1088/1742-596/1240/1/012025
32.	Vishal John Mathai, Harshit K. Dave, Keyur P. Desai, "Characterisation and modelling of tool electrode wear during planetary EDM of titanium grade5 alloy, International Journal Manufacturing Technology and Management, Vol. 34 No. 5 (2020)
33.	Sudhanshu Kumar, Harshit K. Dave, Keyur P. Desai, Development of a model to compensate overcut during electro discharge boring process", International Journal Manufacturing Research, Vol. 14, No. 4 (2019)
34.	Arote, A., Bade, M., & Banerjee, J. (2019). Numerical investigations on stability of the spatially oscillating planar two-phase liquid jet in a quiescent atmosphere. Physics of Fluids, 31(11)
35.	Dnyandip K. Bhamare, Manish K. Rathod, Jyotirmay Banerjee. "Passive cooling techniques for building and their applicability in different climatic zones—The state of art." Energy and Buildings 2019; 198:467-490.
36.	Dnyandip K. Bhamare, Manish K. Rathod, Jyotirmay Banerjee. "Thermal performance of residential building roof integrated with inclined Phase Change Material (PCM) layer" Journal of Building Engineering 2020;20:101018.
37.	Anghan C., Dave S., Saincher S., and Banerjee J., 2019. Direct numerical simulation of transitional and turbulent round jets: Evolution of vortical structures and turbulence budget, Physics of Fluids 31, 065105.
38.	Digant S Mehta, Karan Solanki, Manish K Rathod, Jyotirmay Banerjee, Thermal performance of shell and tube latent heat storage unit: Comparative assessment of horizontal and vertical orientation, Journal of Energy Storage, Vol. 23, 344-362, 2019
39.	Digant S Mehta, Bhavesh Vaghela, Manish K Rathod, Jyotirmay Banerjee, Heat transfer intensification in horizontal shell and tube latent heat storage unit, Numerical Heat Transfer Part-A, Applications Vol.75 (7), 489-508, 2019
40.	Digant S Mehta, Karan Solanki, Manish K Rathod, Jyotirmay Banerjee,Influence of Orientation on Thermal Performance of Shell and Tube Latent Heat Storage Unit, Applied Thermal Engineering, Vol. 157, 113719, 2019
41.	Digant S Mehta, Bhavesh Vaghela, Manish K Rathod, Jyotirmay Banerjee, Enrichment of heat transfer in a latent heat storage unit using longitudinal fins, Heat Transfer-Asian Research, Vol. 49(5), 2659-2685, 2020
42.	Chitturi Sai Krishna, A A Shaikh, The dynamic performance of novel multi layered hybrid composite laminate, SN Applied Sciences, 2(6),1-8,2020
43.	Chitturi Sai Krishna, A A Shaikh, Alpesh Makwana, Evaluation of hybridization effect on static and dynamic properties of the thermoplastic-based hybrid composites-an experimental study, International Journal of Polymer Analysis and Characterization, 24 (1), 34-50,2020
44.	Alpesh H Makwana, AA Shaikh, Performance assessment and optimization of hybrid composite patch repair of aircraft structure, Multidiscipline Modeling in Materials and Structures, 1573-6105,2020
45.	Nilesh Tiwari and A.A. Shaikh, Flexural analysis of thermally actuated fiber reinforced shape memory polymer composite, Advances in Materials Research, Vol. 8, 337-359,2020
46.	Chitturi sai krishna, A A Shaikh, Alpesh Makwana, Static analysis of thermoset-thermoplastic-based hybrid composite, International Journal of Structural Integrity, Vol. 11 No. 1,2019
47.	Varsi, Arif, A A Shaikh, Experimental and statistical study on kerf taper angle during CO2 laser cutting of thermoplastic material, Journal of Laser Applications, 31, 032010:1-10,2019

48.	Alpesh H Makwana, AA Shaikh, The role of patch hybridization on tensile response of cracked panel repaired with hybrid composite patch:experimental and numerical investigation, The Journal of Adhesion, 0021-8464, 1-35, 2019,
49.	Alpesh H Makwana, AA Shaikh, Towards hybridization of composite patch in repair of cracked Aluminum panel: Numerical and experimental study, International Journal of Structural Integrity, Vol. 10, pp. 868-887,2019
50.	Parmar P. and Desai T. N. (2020) "Evaluating sustainable lean six sigma enablers using fuzzy DEMATEL: A case of an Indian manufacturing organization", Journal of Cleaner Production, Volume 265.
51.	Patel A and Desai T. N. (2019) "Analysis of factors affecting sustainable supply chain management adoption in Indian textile industries", International Journal of Mathematical Engineering and Management Science (Accepted).
52.	Malek J. and Desai T. N. (2019) "Interpretive structural modelling based analysis of sustainablemanufacturing enablers", Journal of Cleaner Production, Volume 238.
53.	Malek J. and Desai T. N. (2020) "A systematic literature review to map literature focus of sustainableManufacturing", Journal of Cleaner Production, Volume 256.
54.	Dave H. R., Sutaria B. M., Patel B." Effect of pilot quantity on combustion and emission characteristics of a single-cylinder diesel engine under fixed dwell condition: experimental and numerical study", Clean Technologies and Environmental Policy, Vol. 21, 2019
55.	Dave H. R., Sutaria B. M., Patel B., "Achieving Modulated kinetics (MK) combustion mode in an off-highway diesel engine- an experimental study" International Journal of Energy, Environment and Economics, Vol. 25, 2019
56.	Vipin Nair, A. D. Parekh, P. R. Tailor, Experimental investigation of a vapour compression refrigeration system using R134a/Nano-oil mixture, International Journal of Refrigeration, Elsevier, Vol.112, 21-36, 2020
57.	Vipin Nair, A. D. Parekh, P. R. Tailor, Performance analysis of Al2O3–R718 nanorefrigerant turbulent flow through a flooded chiller tube: a numerical investigation, Journal of the Brazilian Society of Mechanical Sciences and Engineering, Springer, 42:350, 2020
58.	Tejendra Patel, A. D. Parekh, P. R. Tailor Experimental analysis of condensation heat transfer and frictional pressure drop in a horizontal circular mini channel, Heat and Mass Transfer, Springer, 2019
59.	Chetan A. Somani and D. I. Lalwani, Experimental investigations of TlG-MlG hybrid wielding process on Austenitic Stainless Steel, Materials Today: Proceedings, Elsevier, 4826-4834, 2019
60.	Divyangkumar D. Patel and Devdas I. Lalwani, Effect of algorithm parameters in development of spiral tool path for machining of 2.5D star-shaped pockets, International Journal of Computer Aided Engineering and Technology, 727 – 746, 2019
61.	Jigar L. Patel, Parthiv B. Rana, and D.I. Lalwani, Optimization of five stage cantilever beam design and three stage heat exchanger design using amended differential evolution algorithm, 1977-1981, 2020
62.	Lokendra Choudhary, Paresh Chhotani & Jyoti Menghani Study on Wear Behaviour on Hardfacing Alloy Transactions of the Indian Institute of Metals Springer,2465–2475(2019)
63.	Nishith Rathod , Jyoti Menghani A CONSEQUENCE OF REINFORCEMENTS IN ALUMINUM BASED METAL MATRIX COMPOSITES: A LITERATURE REVIEW Metallurgical and Materials Engineering Association of Metallurgical Engineers of Serbia AMES Vol 25 (3) 2019 p. 195 - 208
64.	Satish R. More, Dhananjay V. Bhatt & Jyoti V. MenghaniEffect of Microstructure and Hardness on Slurry Erosion Behaviour of A356 Alloy Using Slurry Pot Test Rig Transactions of the Indian Institute of Metals volume 72, pages3191–3199(2019)
65.	Verma, N., Baloni, B.D. Numerical and experimental investigation of flow in an open-type subsonic wind tunnel. SN Appl. Sci. 1, 1384 (2019). https://doi.org/10.1007/s42452-019-1422-3

66.	Manish Sharma, Beena D. Baloni, "Design optimization of a compressor transition S-shaped duct using a Teaching-Learning Based Optimization algorithm", Journal of the Brazilian Society of Mechanical Sciences and Engineering, Springer publication. November 2019
67.	Manish Sharma, Beena D. Baloni, "Design optimization of compressor transition S-shaped duct using particle Swarm Optimization Algorithm", Journal of the SN Applied Sciences, Springer publication. Jan 2020
68.	Vaishak S, Bhale P V 'Photovoltaic/thermal-solar assisted heat pump system: Current status and future prospects' Solar Energy Vol 189 Elsevier 268-284 (2019). SCI (IF 4.6)
69.	Vaishak S, Bhale PV Effect of dust deposition on performance characteristics of a refrigerant based photovoltaic/thermal system, Vol 36, Sustainable Energy Technology and Assessment. Elsevier. Available on sciencedirect. SCI (IF 3.42)
70.	Vaishak S, Bhale PV. Performance analysis of a heat pump-based photovoltaic/thermal (PV/T) system. Clean Technologies and Environmental Policies, Jan 2020 Spriger Verlag. Accepted for publication (published in April 2020) SCIE (IF 2.49)
71.	Zala M, Vaishak S, Ravi Solanki Bhale PV. Experimental investigation on anaerobic codigestion of food waste and water hyacinth in batch type reactor under mesophilic condition. Biomass Conversion and Biorefinery.Springer Verlag 2019 SCIE (IF 2.6)
72.	Rajpurohit S. R., Dave H.K., (2019) "Fused deposition modeling using Graphene/PLA nanocomposite filament", International Journal of Modern Manufacturing Technologies, XI(2), pp.19-24.
73.	Dave H.K., (2019) "Optimization of orbital electro discharge machining parameters using TLBO and PSO algorithms", International Journal Of Modern Manufacturing Technologies, XI(2), pp.19-24.
74.	Dave H.K., Prajapati A.R., Patadiya N.H. Rajpurohit S.R., Raval H.K., (2020), "Open hole tensile testing of 3D printed part using in-house fabricated PLA filament", Rapid Prototyping Journal, 26(1), pp. 21-31
75.	Patel H. V., Dave H. K., (2020), "Study of permeability and resin flow front during the fabrication of thin composite using VARTM process" International Journal of Modern Manufacturing Technologies, XII(1), pp. 125-130.
76.	Prajapati A. R., Dave H. K., Raval H. K., (2020), "Influence of fiber rings on impact strength of 3d printed fiber reinforced polymer composite" International Journal of Modern Manufacturing Technologies, XII(1), pp. 157-163.
77.	Rupesh. D. Shah and Vipul Patel, "Effect of hydrogen enrichment on combustion characteristics of methane swirling and non-swirling inverse diffusion flame", International Journal of Hydrogen Energy,
78.	Rupesh. D. Shah and Vipul Patel, Analysis of LPG diffusion flame in tube type burner, Journal of Mechanical Engineering and Sciences, Vol. 13(3), pp. 5278-5293, September 2019
79.	Saindane Udaykumar Vikram, Dr. Sandeep Soni and Dr. J. V. Menghani, "Recent research status on modern friction materials-an Overview," IOP Conf. Series: Materials Science and Engineering 810 (2020) 012067 IOP Publishing, UK doi:10.1088/1757-899X/810/1/012067.
80.	Supriya Ingole and Dinesh Singh. Fixed and flexible shape facility layout problems using biogeography-based optimisation algorithm. Int. J. Industrial and Systems Engineering, Vol. X, No. Y, xxxx. (Accepted in Jan 2020) DOI: 10.1504/IJISE.2020.10024935
81.	Dinesh Singh and Rajkamal Shukla (2020). Multi-objective optimization of selected non-traditional machining processes using NSGA-II. Decision Science Letters, Vol. 9, pp. 421–438. [Accepted in March 2020] doi: 10.5267/j.dsl.2020.3.003
82.	Dnyandip K. Bhamare, Manish K Rathod, Jyotirmay Banerjee. Evaluation of cooling potential of passive strategies using bioclimatic approach for different Indian climatic zones. Journal of Building Engineering. Vol. 31, 101356, 2020
83.	Dnyandip K. Bhamare, Manish K Rathod, Jyotirmay Banerjee. Numerical model for evaluating thermal performance of residential building roof integrated with inclined phase change material (PCM) layer. Journal of Building Engineering. Vol 28, 101018, 2020.

	Joshi Varun, Rathod Manish K. Thermal performance augmentation of metal foam infused phase change material using a partial filling strategy: An evaluation for fill height ratio and porosity. Applied Energy. Vol 253, 113621, 2019.
85.	Ashish J Modi, Manish K Rathod. Comparative study of heat transfer enhancement and pressure drop for fin-and-circular tube compact heat exchangers with sinusoidal wavy and elliptical curved rectangular winglet vortex generator. International Journal of Heat and Mass Transfer, Vol. 141, pp. 310-326, 2019.
ļ	Dnyandip K. Bhamare, Manish K Rathod, Jyotirmay Banerjee. Passive cooling techniques for building and their applicability in different climatic zones—The state of art. Energy & Building. Vol. 198, pp. 467-490. 2019.
87.	M. B. Maisuria, D. M. Sonal, Manish K Rathod, Manhar K Bhatt. Experimental and analytical investigation on an automobile radiator with CuO/EG-water based nanofluid as coolant. Heat Transfer – Asian Research. Pp. 1-17, 2019.
88.	Joshi Varun, Rathod Manish K. Constructal enhancement of thermal transport in latent heat storage systems assisted with fins. International Journal of Thermal Sciences. Vol 145, 105984, 2019.
89.	Mehta Digant, Vaghela Bhavesh, Rathod Manish K. and Banerjee Jyotirmay. Influence of orientation on thermal performance of shell and tube latent heat storage unit. Applied Thermal Engineering Vol. 157, 113719, 2019.
90.	Achchhe Lal, Kanif Markad, Influence of Dynamic Temperature Variation and Inplane Varying Loads over Post-Buckling and Free Vibration Analysis of Sandwich Composite Beam, International Journal of Computational Materials Scienternational Journal of Computational Materials Science and Engineeringnee and Engineering, 2020.
91.	Achchhe Lal, Kundan Mishra, Stochastic MMSIF of multiple edge cracks FGMs plates subjected to combined loading using XFEM, Curved and Layer. Struct,7: 35-47, 2020.
92.	Achchhe Lal, Kanif Markad, Nonlinear flexural analysis of sandwich beam with multi walled carbon nanotube reinforced composite sheet under thermo-mechanical loading, Curved and Layer. Struct. 7:1–16, 2020.
93.	Appaso M. Gadade, Achchhe Lal, B. N. Singh, Stochastic buckling and progressive failure of layered composite plate with random material properties under hygro-thermo-mechanical loading, Materials Today Communications, 22:1-12,2020.
94.	Rahul Kumar, Achchhe Lal, B.N. Singh, Jeeoot Singh, Non-linear analysis of porous elastically supported FGM plate under various loading, Composite Structures, 2019.
95.	Rahul Kumar, Achchhe Lal, B.N. Singh, Jeeoot Singh, Meshfree approach on buckling and free vibration analysis of porous FGM plate with proposed IHHSDT resting on the foundation, Curved and Layered Structures, 6:192-211,2019.
96.	Achchhe Lal, Rahul Kumar, Finite Element-Based Stochastic Nonlinear Progressive Failure Response of Piezo-Laminated Composite Plate with Elliptical Cutouts, International Journal of Applied Mechanics, 11(8): 1950076-34,2019.
97.	Achchhe Lal, Khushbu Jain, Hygro-thermally induced stress intensity factor of an edge crack piezo laminated composite plate, Multidiscipline Modeling in Materials and Structures, 15(6):1053-1074, 2019.
98.	Achchhe Lal, Kanif Markad, Stochastic mixed mode stress intensity factor of center cracks FGM plates using XFEM, International Journal of Computational Materials Science and Engineering, 8 (3): 1950009 (21 pages) 2019.
99.	Achchhe Lal, Kanif Markad, Static buckling analysis of shape memory alloy reinforced composite laminated plate, Material Science and Engineering, IOP, 1-7, 2020.
100.	Achchhe Lal, B. M. Sutaria, Rahul Kumar, Stress analysis of composite plate with cutout of various shape, Material Science and Engineering, IOP, 1-7, 2020.
101.	Achchhe Lal, B. M. Sutaria, Kundan Mishra, Fracture analysis of single edge cracked functionally graded material plate under various loading conditions by extended finite element method, Material Science and Engineering, IOP, 1-6, 2020.

10	 Achchhe Lal , Anant Parghi , Anil Kumar Mahto , Rahul Kumar, Buckling analysis of laminated composite plate due to localised in plane loading, Material Science and Engineering, IOP, 1-5, 2020.
10	 Achchhe Lal, Khushbu Jain, S. P. Palekar, Fracture analysis of center cracked laminated composite plate subjected to bi-axial loading using extended finite element method, Material Science and Engineering, IOP, 1-5, 2020.
104	4. Achchhe Lal, Nand Jee Kanu, The nonlinear deflection response of CNT/nanoclay reinforced polymer hybrid composite plate under different loading conditions Material Science and Engineering, IOP, 1-6, 2020.
108	with inclusion and void of an isotropic plate under different loadings by extended finite element method, Material Science and Engineering, IOP, 1-6, 2020.
106	effect of porosity and pore morphology for biodegradable implant applications, Material Science & Engineering C, 109776, volume 103, 2019. https://doi.org/10.1016/j.msec.2019.109776
107	and hemocompatibility of topologically ordered porous iron scaffold prepared using 3D printing and pressureless microwave sintering, Material Science & Engineering C, 110247, 106, 2020. https://doi.org/10.1016/j.msec.2019.110247
108	Patel, V.M. and Talukdar, P., 2019. Determination of Heat Transfer Coefficient and Thermal Dispersion of a Representative Porous Structure Based on Pore Level Simulations. Heat Transfer Engineering, 41(21), pp.1800-1817.
109	
110	Naresh Y, "Numerical investigation on the heat transfer performance and optimisation of a finned heat pipe using artificial neural networks and genetic algorithm", International Journal of Ambient Energy (Taylor & Francis), 1-8, 2020.
111	
112.	Gaurav Raj, Dr Prabhansu, Rajesh Kumar, Prakash Chandra, and Sumit Saurabh, Experimental study of solar still augmented with low-cost energy absorbing and releasing materials, Energy Sources, Part A: Recovery, Utilization, And Environmental Effects, Taylor & Francis, 42 (1), 56–65, 2020.
113.	Krishna Kant Dwivedi, Prabhansu, M.K. Karmakar, P.K. Chatterjee, Thermal degradation, characterization and kinetic modeling of different particle size coal through TGA, Thermal Science and Engineering Progress, Elsevier publication, 18, 100523, 2020
114.	Amrut Mulay, Vrushabh Bagul, "Design optimization of cruciform specimen in biaxial test using MADM methods" Taylor and Francis: Australian Journal of Mechanical Engineering, Article DOI: 10.1080/14484846.2020.1752883
115.	S.K. Sahoo, B.N. Sahoo, S.K. Panigrahi, Effect of in-situ sub-micron sized TiB2 reinforcement on microstructure and mechanical properties in ZE41 magnesium matrix composites Mater. Sci. Eng. A. 773 (2020) 138883.
116.	N. A. Baraiya and S. R. Chakravarthy, Excitation of high frequency thermoacoustic oscillations by syngas in a non-premixed bluff body combustor, International Journal of Hydrogen Energy, Elsevier, 15598-15609, 2019
117.	Khare, Sumit, and N. D. Mittal. "Axisymmetric bending and free vibration of symmetrically laminated circular and annular plates having elastic edge." Ain Shams Engineering Journal 10, no. 2 (2019): 343-352. ISSN: 2090-4479.
118.	Rohan Pande, Milind Kshirsagar, Vilas Kalamkar. The Effect of Inlet Area Ratio on the Performance of Multi-pot Natural Draft Biomass Cookstove. Proceedings of the National Academy of Sciences, India Section A: Physical Sciences. Springer, 2019

 Milind Kshirsagar, Vilas Kalamkar, Rohan Pande. Multi-response robust design optimization of natural draft biomass cook stove using response surface methodology and desirability function. Biomass and Bioenergy, Elsevier, 135 2020

(ii) Publication of Book or Book Chapter/s:

	Applied Chemistry Department
No.	/*Authors, Title of the Paper, Name of the Journal, Publisher, Page Nos. Year*/
1	K. Suresh Kumar, J. R. Koduru, T. Thenepalli, Fabrication of nanostructured materials with rare-earth elements for bioanalytical applications, Chapter 7, In: Jyothi R. (eds) Rare-Earth Metal Recovery for Green Technologies. Page Number 137-152, 2020, Springer, Cham, 1978, 3, 030-38105-9
2	K. Suresh Kumar, T. J. Park, R. K. Singhal, H. Basu, Nanoparticle-integrated electrochemical devices for identification of mycotoxins, Chapter 11, in Handbook of Nanomaterials in Analytical Chemistry (Modern Trends in Analysis) Edited by Chaudhery Mustansar Hussain, Pages 275-296, 2020, Elsevier, ISBN: 978-0-12-816699-4
3	K. Suresh Kumar, RK Singhal, H Basu, TJ Park, Surface-modified metal nanoparticles for recognition of toxic organic molecules, Chapter 16, in Handbook of Nanomaterials in Analytical Chemistry (Modern Trends in Analysis) Edited by Chaudhery Mustansar Hussain, Pages 415, 432, 2020, Elsevier ISBN: 978-0-12-816699-4
4	Premlata Kumari, Kajalben B. Patel and Amit B. Patel, Piperidine Analogs as Antioxidants and Anticancer Agents, Advances In Chemistry Research Volume 60, Nova Science Publishers, Leg. 147, 192, 2020
5	Amit B. Patel and Premlata Kumari, An Overview of Piperidine Derivatives as Antipsychotics, Advances in Chemistry Research Volume 60, Nova Science Publishers, Inc.,211-238, 2020.
6	Ajayrajsinh R. Zala, Azazahemad Kureshi and Premlata Kumari, Benzathiazole Analogs as Anticonvulsant and Anticancer Agents, Chemistry Research And Applications Benzothiazole Preparation, Structure and Uses, Nova Science Publishers, Inc.,71-98, 2020.
7	C. Patel, D. Patel, M. B. Shirdhonkar, K. Kuperkar, Controlled morphology in calcium carbonate using surface-active ionic liquids (SAILs) as a template, Advances in Spectroscopy: Molecules to Materials Proceedings of NCASMM 2018, 236, 329-335.
	Applied Mathematics and Humanities Department
1.	Kakran V.Y., Dhodiya J.M. Fuzzy Programming Technique for Solving Uncertain Multi-objective, Multi-item Solid Transportation Problem with Linear Membership Function. In: Venkata Rao R., Taler J. (eds) Advanced Engineering Optimization Through Intelligent Techniques. Advances in Intelligent Systems and Computing, vol 949(2020). Springer, Cincopers, doi: 0.1007/978-981-13-8196-6 50.
2.	Sunil B. Bhoi and Jayesh M. Dhodiya, Multi-objective Faculty Course Timeslot Assignment Problem with Result- and Feedback-Based Preferences, YC. Hu et al. (eds.), Ambient Communications and Computer Systems, Advances in Intelligent Systems and Computing 1097, Springer Nature Singapore Pte Ltd. Vol: 1097, pp: 105-119, (2020), ISSN 2194-5357, 2020, https://doi.org/10.1007/978-981-15-1518-7
3.	Tailor A.R., Dhodiya J.M., GA-Based Hybrid Approach to Solve Fuzzy Multi-objective Optimization Model of Multi-application-Based COTS Selection Problem. In: Venkata Rao R. Taler J. (eds) Advanced Engineering Optimization Through Intelligent Techniques. Advances in Intelligent Systems and Computing, vol 949 (2020). Springer, Singapore decrease 100.7578-981-13-8196-6-8
4.	R. L. Das and R. K. Jana, Some studies on EPQ model of substitutable products under Imprecise Environment, Chapter 25, in: N. H. Shah and M. Mittal (Eds.), Optimization and Inventory Management, 2019, pp. 331-360, Springer Nature, Singapore https://doi.org/10.1007/978-981-13-9698-4_18

	Applied Physics Department
1.	S. Mondal Roy and D. R. Roy, Modeling of Bio-Activity and Toxicity in Light of NA Bases Interaction, Scholars' Press, Latvia: European Union, 2019. ISBN: 978-613-8-91027-5
	Chemical Engineering Department
1.	Saikumar Nair and Jignasa V. Gohel, "A review on contemporary hole-transport layers in perovskite solar cells", (Book Chapter) In book: Nanotechnology for Energy and Environmental Engineering", Springer Publication, 2019.
2.	V.N. Lad and Z.V.P. Murthy, Advanced Materials for Photocatalytic Applications: The Challenge Ahead, in Handbook of Smart Photocatalytic Materials: Fundamentals, Fabrications and Water Resources Applications, Edited by Chaudhery Mustansar Hussain, Ajay Kumar Mishra, Elsevier, London, (2020) Chapter 1 (pp.3-8). DOI: https://doi.org/10.1016/B978-0-12-819051-7.00001-4 (ISBN: 978-0-12-819051-7).
3.	Arkatkar, A., Mungray, A. K., Sharma, P. Conjugation of Nanomaterials and Bioanodes for Energy Production in Microbial Fuel Cell, Nanotechnology for Energy and Environmental Engineering, March 2020, pages 169-184 (Publisher: Springer Nature Switzerland).
	Civil Engineering Department
1	C Mathur, K Jadav, S Bandapalli, K Raval, and A Dhamaniya "Financial Feasibility Analysis of Truck Parking Terminal—A Case Study" Transportation Research, Springer Publications, pp. 263-274, 2019
2	Pinakin Patel and Ashish Dhamaniya "Modelling Dynamic PCUs Using Occupancy Time Approach at Urban Signalised Intersections Under Mixed Traffic Conditions". Transportation Research, Springer Publications, pp. 429-439, 2019
3	M Singh, YV Navandar, and Aashish Dhamaniya "Vehicle Category-Wise Service Time Analysis at Tollbooths Under Mixed Traffic Scenario" Transportation Research, Springer Publications, pp. 663-673, 2019
4	HD Golakiya, M Patkar and A Dhamaniya "Analysis of Vehicular Pedestrian Interaction at Urban Undesignated Mid-block Sections" Transportation Research, Springer Publications, pp. 489-407, 2019
5	A. K. Khambete, G. S. Anaokar Contemporary Fuzzy Logic Tools for Urban Wastewater Indexing; Wiley – AGU. Manuscript ID 2019-Mar-CH-1060.
6	Sudheer, S., Raghu Babu, U., Kondraivendhan, B, Influence of metakaolin and red mud blended cement on reinforcement corrosion in presence of chloride and sulfate ions/ Lecture notes in Civil Engineering, Springer, 717-725, 2019
7	Lakavath, C., Allam, R., Kondraivendhan, B, Experimental and numerical studies on the 166ehavior of broad-gauge railway sleepers in static bending condition/ Lecture notes in Civil Engineering, springer, 781-792, 2019
8	Raghu Babu, U.; Kondraivendhan, B, Application of Statistics to the Analysis of Corrosion Data for Rebar in Metakaolin Concrete/Learning and Analytics in intelligent systems, Springer, 162-169, 2020
9	Raghu Babu, U.; Kondraivendhan, B, Corrosion Performance Evaluation of Rebar in Metakaolin Blended Concrete/ Lecture notes in Civil Engineering, Springer, 335-344, 2020.
10	Calcined Clay Cement (LC3) Production by Marble Stone Powder/ Rilem Book Seirs, Springer, 535-543, 2020
11	Shaikh I N, Ahammed M M and Krishnan S P, Graywater treatment and reuse in Sustainable Water and Wastewater Processing, Galanakis (ed), Elsevier, 1-35,2019
12	A Sodha, SA Vasanwala, D Soni, Probabilistic Evaluation of Seismically Isolated Building Using Quintuple Friction Pendulum Isolator, Innovations in Infrastructure, Springer publications, pp. 149-159, 2019
3	A Sodha, S Vasanwala, D Soni, Seismic Response of Structure Isolated with Quintuple Friction Pendulum Bearing Under Directivity Focusing Earthquakes, Advances in Computer Methods and Geomechanics, Springer publications, pp. 629-637, 2020

14	A Sodha, S Vasanwala, D Soni, S Kumar, Analytical Study of Triple Friction Pendulum Under a Different Hazard Level of Earthquakes, Advances in Structural Engineering and Rehabilitation, Springer publications, pp. 105-111
15	Mehta, D J and S M Yadav. "Hydrodynamic simulation of River Ambica for riverbed assessment: A case study of Navsari region." In Advances in Water Resources Engineering and Management, pp. 127-140. Springer, Singapore, 2020.
16	Ramkar, Preeti, and S. M. Yadav. "Rainfall trend analysis using nonparametric test: A case study of Malegaon city." In Water Resources and Environmental Engineering II, pp. 25-33. Springer, Singapore, 2019.
17	Narayana Raju, S S Arkatkar, G J Joshi: Study of Vehicle-Following Behavior Under Heterogeneous Traffic Conditions (Traffic and Granular Flow '17). 978-3-030-11439-8, 2019.
18	Vinayaraj V.S, A. Chaudhari, S S Arkatkar, G J Joshi, M Parida: Comparative Study of Pedestrian Critical Gap Estimation Methods at Unsignalized Midblock Crosswalks (Lecture Notes in Civil Engineering). 978-981-32-9041-9, 2019.
19	V. B. Soorya, T. M. Rahul, S S Arkatkar: Simulation of Classified Lane-Wise Vehicle Count at Toll Plazas Using Monte Carlo Simulation and Probability-Based Discrete Random Number Generation (Lecture Notes in Civil Engineering). 978-981-15-3741-7, 2020.
20	R Amrutsamanvar, G J Joshi, S S Arkatkar, Ravi Sekhar Chalumuri: Empirical Travel Time Reliability Assessment of Indian Urban Roads (Lecture Notes in Civil Engineering). 978-981-15-3741-7, 2020.
21	Pallav Kumar, J Chakraborty, S S Arkatkar, G J Joshi: Effect of Shoulder Width on Traffic Flow Parameters on Two-Lane Undivided Roads (Lecture Notes in Civil Engineering). 978-981-32-9041-9, 2020.
22	Rakesh Kulakarni, Akhilesh Chepuri, S S Arkatkar, G J Joshi: Estimation of Saturation Flow at Signalized Intersections Under Heterogeneous Traffic Conditions (Lecture Notes in Civil Engineering). 978-981-32-9041-9, 2020.
	Computer Engineering Department
1.	M. Desai, R. G. Mehta, D. P. Rana, RGNet: The Novel Framework to Model Linked ResearchGate Information into Network Using Hierarchical Data Rendering In: Advances in Machine Learning and Computational Intelligence, Algorithms for Intelligent Systems, Springer, Singapore, 2020, ISSN: 2524-7565 [Book chapter]
2.	Editors: Nandi, S., Devesh C Jinwala, Vijay Laxmi, M S Gaur, Parvez Faruki. Proceedings of the ISEA ISAP Conference 2019. Communications in Computer and Information Science, 939, pp. v-vi. 2019.
3.	Vivaksha Jariwala, Devesh C Jinwala. Book chapter titled, "Chapter 4 - AdaptableSDA: secure data aggregation framework in wireless body area networks." Editors: Nilanjan Dey, Amira S. Ashour, Simon James Fong, Chintan Bhatt, In Advances in ubiquitous sensing applications for healthcare, Wearable and Implantable Medical Devices, Academic Press, Volume 7, Pages 79-114, ISBN 9780128153697, https://doi.org/10.1016/B978-0-12-815369-7.00004-5. 2020
	Electrical Engineering Department
1.	Prashant Medewar, S. N. Sharma and Hiren G. Patel, Carleman linearization of a Stochastic Phase Locked-Loop System, Phase Locked Loops: Structures, Functions and Applications,(S. N. Sharma, Ed.), Nova Science publisher, Hauppauge, New York, May 2020, pp.167-196.
2.	Ashutosh. K. Giri, Sabha Raj Arya and Rakesh Maurya, "Microgrid: Operation, Control, Monitoring and Protection," Performance of Control Algorithms in Wind-Based Distributed Generation System with Power Quality Features: A Review," Book chapter: P. Ray and M. Biswal (eds.), Microgrid: Operation, Control, Monitoring and Protection, Lecture Notes in Electrical Engineering 625, Springer Nature Singapore PVt. Ltd. 2020, pp 1-63.
3.	Srikakolapu J., Arya S.R., Maurya R., "DSTATCOM Using Limit Cycle Oscillator FLL with Optimized Gains of Voltage Error Controllers. In: Sharma R., Mishra M., Nayak J., Naik B., Pelusi D. (eds) Innovation in Electrical Power Engineering, Communication, and Computing Technology. Lecture Notes in Electrical Engineering, vol 630. Springer, Singapore.

1	Electronics Engineering Department
1.	
	Dipika D. Pradhan, Abhilash Mandloi, Parabolic Pulse Generation at 1550 nm Raman Amplifier Utilizing High Power Pump Laser, Chapter: 06, Book Name: Optical and Wireless Technologies, Springer, 2020
2.	EDITORS Shilpi Gupta, J N Sarvaiya, Emerging Technology Trends in Electronics, Communication and Networking(This book constitutes refereed proceedings of the Third International Conference on Emerging Technology Trends in Electronics, Communication and Networking, ET2ECN 2020, held in Surat, India, in February 2020.), Springer, Singapore, 2020
	Mechanical Engineering Department
1.	Sachin Salunkhe, Soham Teraiya, H. M. A. Hussein and Shailendra Kumar, Smart System for Feature Recognition of Sheet Metal Parts: A Review, In: Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering, Lecture Notes in Mechanical Engineering, Springer Nature, Singapore, 2019.
2.	Rahul Jagtap and Shailendra Kumar, Incremental Sheet Forming: An Experimental Study on the Geometric Accuracy of Formed Parts, In: Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering, Lecture Notes in Mechanical Engineering, Springer Nature, Singapore, 2019.
3.	Ravi Kumar Gupta, H. M.A. Hussein, S.S.Salunkhe, Mukur Gupta, S. Kumar, Step toward computer-aided integration of sheet metal application, In: Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering, Lecture Notes in Mechanical Engineering, Springer Nature, Singapore, 2019.
4.	H. J. Prajapati, Puneet Kumar, Shailendra Kumar, Ravi Kant, Experimental Investigation on Influence of Process Parameters of Abrasive Water Jet Machining on Kerf Taper of Glass Fiber-Reinforced Polymer Composites, In: Advances in Unconventional Machining and Composites, Lecture Notes on Multidisciplinary Industrial Engineering, 2019, pp 707-714.
5.	Bhavik Tank, Shailendra Kumar, Investigation on the Influence of Process Parameters on Surface Roughness and Kerf Properties in Abrasive Water Jet Machining of Carbon Fibre Vinyl Ester Composite, In: Advances in Unconventional Machining and Composites, Lecture Notes on Multidisciplinary Industrial Engineering (book series), 2019, pp 631-639.
6.	M Pandit, L Srivastava, RV Rao, and JC Bansal (editors), Intelligent Computing Applications for Sustainable Real-World Systems: Intelligent Computing Techniques and their Applications, Springer International Publishing, ISBN 978-3-030-44757-1, 2020.
7.	RV Rao and J Taler (editors). Advanced Engineering Optimization Through Intelligent Techniques, Springer Singapore, ISBN 978-981-13-8195-9, 2019.
8.	Saincher S., Dave S., Anghan C. and Banerjee J., 2019. A parallelized inflow boundary based numerical tank: performance on individual SMA nodes. In Proceedings of the Fourth International Conference in Ocean Engineering (ICOE2018). Lecture Notes in Civil Engineering, Vol 22. Springer, Singapore
9.	Chakradhar Bandapalli, Bharatkumar Sutaria, Dhanjay Bhatt, "Titanium Alloys - Novel Aspects of Their Manufacturing and processing", IntechOpen, published in London, UK, Chapter 8 Page No 123-137, 2019
10.	Parthiv B. Rana, Jigar L. Patel, and D. I. Lalwani, Design-Parameters Optimization of a Deep-Groove Ball Bearing for Different Boundary Dimensions, Employing Amended Differential Evolution Algorithm, Artificial Intelligence Applications and Innovations (IFIP AICT 560), Springer, 213-22, 2019
11.	Vaishak S, Bhale PV. Thermal Performance Analysis of a Heat Pump-Based Photovoltaic/Thermal System, Advances in Energy Research, Vol. 2 2020 (pp. 103-112), Springer, Singapore. (Part of the Springer Proceedings in Energy book series).
12.	B.N. Sahoo, S.K. Panigrahi, An Insight into Processing Maps of Metal Matrix Composites, in: Encycl. Mater. Compos., 2020: pp. 1–17. https://doi.org/https://doi.org/10.1016/B978-0-12-819724-0.00007-0.
13.	N. A. Baraiya and S. R. Chakravarthy, Syngas Combustion Dynamics in a Bluff-Body Turbulent Combustor. In Dynamics and Control of Energy Systems., Springer, 978-981-15-0535-5, 2020

(iii) Publication in National Journals:

	Applied Mathematics and Humanities Department	
1	Bhumika Maheshwari, R.K.Jana and A.K.Shukla (2020):Some results on the Extended Hypergeometric Function, Journal of Indian Mathematical Society, Vol. 87, Nos. (1-2),70-82.	
2	Krupa Sophia J. and Urvashi Kaushal. "Diasporic Displacement in M. G. Vassanji's <i>No New Land" in</i> Re-Markings A Biannual Refereed International Journal of ResearchVol. 19 No.1, March 2020.	
3	Urvashi Kaushal. (Re) Defining The Indian Woman: Indian English Fiction Perspective.GAP Bodhi Taru - A Global Journal of Humanities (ISSN 2581-5857) Volume II Issue III. PP- 16-21, Dec 2019.	
4	Babita Kar and Urvashi Kaushal.Negotiating Space, Identity and Individuality: A study of the Protagonists in the selected works of Manju Kapur Langlit:An International Peer reviewed open access journal Vol. 5 Issue 4 May 2019, pp-725-730.	
5	R. K. Jana, B. Maheshwari and A. K. Shukla, Some results on the extended hypergeometric function, Journal of Indian Mathematical Society, 87 (No. 1-2), 2020, pp. 70-83.	
6	A. Pal, R. K. Jana and A. K. Shukla, On some results associated with \$_pR_q(\alpha,\beta;z)\$ function, National Academy Science Letters, 2020,1-4, https://doi.org/10.1007/s40009-020-00987-z	
7	Mihir Panchal and Twinkle R. Singh, "A Mathematical Model and Numerical Analysis of Tumor treatment with the application of Anti-Angiogenesis", Communications in Mathematical Biology and Neuroscience, Scopus Commun. Math. Biol. Neurosci. is covered in ESCI-Emerging Sources Citation Index.Acceptance letter is attached over hereMon, Sep 23, 2019 at 5:00 PM	
	Applied Physics Department	
1	D. R Roy, E. V Shah, V. Kumar, K. Rajput and P. Kumar, X4Mg3 in XkMg3 (X=B, Al, Ga, In, TI; k=1-6) cluster series: Magic units for potential assembly, J. Indian Chem. Soc. (Special Issue, Invited Article) 96 (2019) 845-849.	
	Chemical Engineering Department	
1	V. Umrigar, M. Chakraborty, P.A.Parikh, Cleaner Production of Methyl Benzoate Using Solid Heterogenous Catalyst via Electromagnetic Waves as an Energy Source, Journal of The Institution of Engineers (India): Series E, 1-6,2020.	
2	H.P. Kohli, S. Gupta, M.Chakraborty, Applicability of Hollow Fiber Strip Dispersion for the Removal of Metal lons from Aqueous Streams, Journal of The Institution of Engineers (India), Series E, 91-97,2020.	
	Civil Engineering Department	
1	Shukla, D. and Solanki, C.H., "Estimated Empirical Correlations Between Shear Wave Velocity and SPT-N Value for Indore City Using NLR and ANN", Indian Geotechnical Journal, SPRINGER, 2020	
2	Raghu Babu, U.; Kondraivendhan, B., "Impact of sulphate on chloride- induced corrosion of steel in concrete", Indian Concrete Journal, Vol. 93, No.7, pp. 8-17, 2019.	
3	Petkar A., Macwan JE, "Title of Paper-Introducing Urban Dwellers' preferences to development planning: Integrated GIS model application. Urban Design & Planning. V. No. 173. Issue-2. 2020.	
	Electrical Engineering Department	
1	Rajesh M. Prasad and Mahmadasraf A. Mulla. "Position-Sensorless direct torque control of grid-connected DFIG with reduced current sensors", Sādhanā Journal, Springer India Publisher, Volume 45, Issue 1, Page 41, December 2019.	
	Mechanical Engineering Department	
1	Ajit Dhanawade, and Shallendra Kumar, Abrasive water jet machining of carbon epoxy composite: Cutting performance, predictive models and optimization, Indian Journal of	

	Engineering & Materials Sciences, Vol. 26, 265-275, 2019.
2	Marathe, S. and Raval, H., A numerical investigation on forming behaviour of homogeneous blanks during Single Point Incremental Forming process. Journal of Manufacturing Engineering, 14(4), pp.166-170. 2019
3	Bakare AK, A A Shaikh, S S Kale, Crack Propagation Behaviour in Thin Aluminium Alloy Sheet Repaired with Adhesively Bonded CFRP Patch, Transactions of the Indian Institute of Metals, 73 (2), 407-416,2020
4	Chakradhar Bandapalli, Bharatkumar Sutaria, Dhanjay Bhatt" Estimation of surface roughness on Ti-6AL-4V in high speed micro end milling by ANFIS Model, Indian Journal of Engineering & Materials Sciences, Vol. 26, 2019
5	Patel, V.M., Srivastava, A., and Singh, S., Development and application of Monte Carlo model to study light transport in tissue phantoms, Asian Journal of Physics, Vol. 29 Nos 3 & 4, 2020, 203-226

(iv) Conference Proceedings / Papers presented in the International conferences / Workshops / Seminar :

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	Applied Chemistry Department
1	Y.D. Patil, S. M. Waysal and B. Z. Dholakiya "Feasibility of PET Resin as a Cement Substitute for Sustainable Construction" 5 th International Conference on Building Materials and Construction (ICBMC 2020) February 26-29 2020 Tokyo, Japan IOP conference series (Scopus indexed) Vol 829, ISSN 1757-8981.
2	Nancy Soni J and B. Z Dholakiya, Synthesis, Characterization, Engine Performance and Emission and Cold Flow Property Enhancement of <i>Pongamia Pinnata</i> Oil based Fatty Acid Methyl Ester (FAME), 25 th International Conference of International Academy of Physical Sciences (CONIAPS XXV) on "Physical and Biological Sciences at Cross-roads: Interdisciplinary Explorations and Exciting Challenges" during December 29-31, 2019 organized by Guru Jambheshwar University of Science and Technology, Hisar, Haryana (India).
3	K. Suresh Kumar, Sowjanya Akavaram, Mittal L. Desai, Tae-Jung Park, A facile synthesis of gold-silver bimetallic nanoclusters for fluorescence "turn-off" for quinalphos and "turn-on" for Cd²+ and Zn²+ ions, , 2nd International Conference on Nanoscience and Nanotechnology, VIT, Vellore, India, 29th November – 1st December 2019.
4	Vinita Bhardwaj, Suban K Sahoo, Relay detection of pyridoxal 5'-phosphate and Al3+ ions using a dual ligands functionalized red-emitting copper nanoclusters, International conference on 'nanomaterials for energy, environment and sustainability (ICNEES-2019)', SOA, Bhubaneswar, Odisha, 20-22 nd December, 2019.
5	Priya P. Patel, Dhara H. Morawala, Aayushi Lodhi, Kalpana C. Maheria, Oral Presentation: Paper entitled, "Environmentally benign synthesis of n-pentyl levulinate over zeolite catalysts via levulinic acid esterification, on 21st Dec. 2019, at International conference on nanomaterials for energy, environment and sustainability (ICNEES- 2019) during December 20th to 22nd, 2019, organized by, Centre for Nanoscience and Nanotechnology, ITER, SOA, Deemed to be University, Bhubaneswar, India.
6	Kureshi, A. A., Dholakiya, C., Hussain, T., Mirgal, A., Salvi, S. P., Barua, P. C., Talukdar, M., Beena, C., Kar, A., Zachariah, T. J., Kumari, P., Dhanani, T., Singh, R., Manivel, P., & Kumar, S. Simultaneous identification and quantification of three xanthones and two polyisoprenylated benzophenones in eight Indian <i>Garcinia</i> Species using a validated UHPLC-PDA method. 7th International Conference of Society for Ethnopharmacology (SFEC 2020). 15th—17th February 2020, held at Jamia Hamdard, New Delhi, India. (Oral)
7	Kureshi, A. A., Vaghela, H. M., Kumar, S., Singh, R., &Kumari, P. Green Synthesis, characterization and biological applications of <i>G. indica</i> fruit mediated gold nanoparticles. International Conference on Advances in Chemical Sciences and Technologies (ACST-2019). 23rd – 25th September, 2019, held at Warangal, Telangana, India. (Oral).

	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
No. 8	Kureshi, A. A., Vaghela, H. M., Kumar, S., Singh, R., &Kumari, P., One pot green synthesis of gold nanoparticles mediated by Garcinia fruits and their biological applications. 7th International Conference of Society for Ethnopharmacology (SFEC 2020). 15th –17th International Conference of Society for Ethnopharmacology (SFEC 2020).
1	Krupali Parekh and Urvashi Kaushal, "Remembering the Liberation Wal of Banguard Angle of Language and Culture in Nation Building Organised by Department Of Role Of Language, Literature and Culture in Nation Building Organised by Department Of Role Of Language, Literature and Culture in Nation Building Organised by Department Of Role Of Language, Literature and Culture and Solve and S
2	Anandita Chowdhary, Vasundhara Mahjan, Namitata Jahwalatana Conference on Gender Equity: Challenges and Society and Development" in International Conference on Gender Equity: Challenges and Opportunities, SVNIT 19-20 Dec 2019.
3	Krupa Sophia J and Urvashi Kaushal, "Veni, Vidi,
4	Krupa Sophia J.and Urvashi Kaushai, on Exploring Formal Licensets In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic Of Saida, In The International Conference On "Recent Trends In Language, Literature Magic On Trends In Language, Literature Magic
5	Krupa Sophia. J. and Urvashi Kaushai, on Tohii, toh
6	Ramakanta Meher and J.Kesarwani, Mathematical Modelling pp.20-29, Vol.2214(1), 2020, (AIP Homotopy analysis method, AIP Conference Proceedings, pp.20-29, Vol.2214(1), 2020, (AIP Publishing LLC)
7	Rishikesh Yadav, Ramakanta Meher, V. N. Mishra, Further approximation of Pure and modification of Szasz-Mirakjan operators, Special Issue of European Journal of Pure and
8	Ramakanta Meher and J.Kesarwani, A mathematical study of country of the study of th
9	Rishikesh Yadav, Ramakanta Meher, V. N. Wishia, A study of the Analysis and its Applications operators, International Conference on "Advanced Mathematical Analysis and its Applications operators, International Conference on "Advanced Mathematical Analysis and its Applications operators, International Conference on "Advanced Mathematical Analysis and its Applications operators, International Conference on "Advanced Mathematical Analysis and its Applications operators, International Conference on "Advanced Mathematical Analysis and its Applications operators, International Conference on "Advanced Mathematical Analysis and its Applications operators, International Conference on "Advanced Mathematical Analysis and its Applications operators, International Conference on "Advanced Mathematical Analysis and its Applications operators, International Conference on "Advanced Mathematical Analysis and Its Applications operators, International Conference on "Advanced Mathematical Analysis and Its Applications operators, International Conference on "Advanced Mathematical Analysis and Its Applications operators, International Conference on "Advanced Mathematical Analysis and Its Applications operators, International Conference on "Advanced Mathematical Analysis and Its Applications operators of the International Conference on "Advanced Mathematical Analysis and Its Applications operators of the International Conference on Its Applications of Its Applic
10	Surbhi Tilva, Jayesh M. Dhodiya, Multi objective Surbhi Tilva, Jayesh M. Dhodiya, Multi objective Surbhi Tilva, Jayesh M. Dhodiya, Multi objective Indian Institution of Industrial Engineering (ICIE-2019), Excellent Publication International Conference on industrial Engineering (ICIE-2019), Excellent Publication
1	Vandana Y Kakran, Jayesh M. Dhodiya, Solving undertain problem with classical methods, 61st National Convention of Indian Institution of Industrial problem with classical methods, 61st National Convention of Indian Institution of Industrial problem with classical methods, 61st National Convention of Industrial Engineering (ICIE-2019), Excellen Engineering & 5th International Conference on industrial Engineering (ICIE-2019), Excellen Publication Services, New Delhi, pp: 504-508, ISBN-978-93-86238-81-8.
1	Sunil Bhoi, Jayesh M. Dhodiya, Multi objective Faculty courses the Sunil Bhoi, Jayesh M. Dhodiya, Multi objective Faculty courses that the Sunit Property of Industrial Convention of Industrial Engineering & 5th International Conference on industrial Engineering (ICIE-2019), Excellent Publication Services, New Delhi, pp. 520-523, ISBN-978-93-86238-81 (ICIE-2019), Excellent Publication Services, New Delhi, pp. 520-523, ISBN-978-93-86238-81
1	 Anita tailor, Jayesh M. Dhodiya, Solution of Fuzzy Multi objective Assignment problem usin GA based hybrid approach, 61st National Convention of Indian Institution of Industria Engineering & 5th International Conference on industrial Engineering (ICIE-2019), Exceller Publication Services, New Delhi, pp: 524-530, ISBN-978-93-86238-81-8.

No	
14	Riddhi Reakh, Jayesh M. Dhodiya, Solution of multi objective critical path problem will convention of Indian Institution of the Convention of Indian Institution
15	ISBN-978-93-86238-81-8. Excellent Publication Services, New Delhi, pp. 942-956
	uncertain multi-item fixed charge solid transportation problem. 2nd International Conference on Mathematical Modelling, Applied Analysis and Computation -2019 (ICMMAACS-19) 8-10 Auguest, 2019
16	Surbhi Tilva, Jayesh M. Dhodiya, Multi objective Assignment problem solved by Hybrid Jaya algorithm 2nd International Conference on Mathematical Modelling, Applied Analysis and JECRC University, Jaipur, Rajasthan, India 8 40 A.
17	Programming Problem. 4th International Conference on Recent Advancements in Computer Center, Ajmer, India, 16-17, 2019
18	for generated courses due to unexpected circumstances. International Conference on Kalavakkam, Tamil Nadu, India December 23, 24 (2019), SSN College of Engineering
19	with result & feedback based preferences. 4th International Conference on Recent of Engineering, Research Center, Amor, India, 20 of Engineering, Research Center, Res
20	valued multi objective critical path problem. 2nd International Conference on Mathematical Modelling, Applied Analysis and Computation -2019 (ICMMAACS-19), Department of Mathematics, Faculty of Sciences, JECRC University, Jaipur, Rajasthan, India. 8-10 August 2019.
	H. S. Lekhadiya and R. K. Jana, Sensitivity of the WRF model to the parameterized Physical Process in O. Castillo et al. (Eds.) Recent Advances in Intelligent Information Systems and Applied Mathematics, Vol. 863, 2020, pp. 170-181, Springer Nature Switzerland. (Proceeding of 2nd International Conference on Information Technology and Applied Mathematics (ICITAM 2019) held at Haldia Institute of Technology, during March 07-09, 2019)
	Advances in Intelligent Information Systems and Applied Mathematics, Vol. 863, 2020, pp. offormation Technology and Applied Mathematics (ICITAM 2019) held at Haldia Institute of
d a S N	ifferential equation for water infiltration in unsaturated soils by combined Elzaki Transform ystems (ICTES2019)B.N.M.I.T. Bengaluru], Journal of Physics: Conference Series, Volume
4 H	itesh Bansu, Sushil Kumar, Numerical Solution of Space and Time Fractional Advection—iffusion Equation by Meshless Approach, Springer Proceedings in Mathematics & Statistics, 320. International Conference on Applied and Computational Mathematics, IIT Kharagpur, 120.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
-	Applied Physics Department
1	Shail Pandey and Sudeep Bhattacharjee, Sub-Harmonic ECR Heating Of Microwave Plasma In A Multicusp Magnetic Bottle: Frequency Dependence, 12th International Conference on Plasma Science and Applications, Nov 11-14, 2019.
2	Synthesis of PVP capped superparamagnetic iron oxide (Fe3O4) nanoparticles in the inert atmosphere - An ideal candidate for hyperthermia Cite as: AIP Conference Proceedings 2162, 020113 (2019); https://doi.org/10.1063/1.5130323 Published Online: 29 October 2019
3	P. H. Jariwala, Y. A. Sonvane, Sanjeev K. Gupta, and P. B. Thakor, Diameter dependency of characteristics of ultrathin Si nanowires, AIP Conference Proceedings, American Institute of Physics (AIP) Publisher, 2100, 020143,2019
4	PrabalDevBhuyan, Sanjeev K. Gupta, Yogesh Sonvane, P. N. Gajjar, K. A. Nekrasov and A. Ya. Kupryazhkin, First principles study of stability and electronic properties of Sn/Ge coreshell nanowire, AIP Conference Proceedings, American Institute of Physics (AIP) Publisher, 2474, 020228, 2019
5	ShivamKansara, Sanjeev K. Gupta, Yogesh Sonvane and K. A. Nekrasov, Energetic stability and tuned electronic properties of boron-doped carbon phosphide monolayer, AIP Conference Proceedings, American Institute of Physics (AIP) Publisher, 2174, 020230, 2019.
6	Sanjeev K. Gupta, Shilpa Singh, Yogesh Sonvane, K. A. Nekrasov, A. Ya. Kupryazhkin and P. N. Gajjar, Energetic and structural investigation of thorium nanoclusters using first principles calculations, AIP Conference Proceedings, American Institute of Physics (AIP) Publisher 2142 020004, 2019.
7	Yogesh Sonvane, ShivamKansara and Sanjeev K. Gupta, Enhanced thermoelectric properties of BaReO3 perovskite by strain engineering, AIP Conference Proceedings, American Institute of Physics (AIP) Publisher, 2142, 020005, 2019.
8	P. H. Jariwala, Yogesh Sonvane, Sanjeev Kumar Gupta and P. B. Thakor, Effect of atomic order on the characteristic of SiGe nanowire, AIP Conference Proceedings, American Institute of Physics (AIP) Publisher, 2142, 110002, 2019.
9	Pushkar Mishra, Deobrat Singh, Yogesh Sonvane and Sanjeev K. Gupta, Study of air stability mechanism of 2D boron antimonide, AIP Conference Proceedings, American Institute of Physics (AIP) Publisher, 2142, 110019, 2019.
10	PrabalDevBhuyan, YogeshSonvane, P. N. Gajjar and Sanjeev K. Gupta, Study of Interaction of nucleobases with ultrathin VO2 monoclinic nanowire, AIP Conference Proceedings,
11	Shilpa Singh, Sanjeev K. Gupta, Yogesh Sonvane, K. A. Nekrasov, A. Ya. Kupryazhkin and P. N. Gajjar, High pressure cotunnite structure of ThO2: A DFT study, AIP Conference Proceedings American Institute of Physics (AIP) Publisher, 2115, 030028, 2019.
12	ShivamKansara, Sanjeev Gupta and YogeshSonvane, Diameter effects on the quantum confined Ni nanowire arrays, AIP Conference Proceedings, American Institute of Physics (AIP) Publisher, 2115, 030095, 2019.
13	SandipKumavat, Deobrat Singh, Yogesh Sonvane and Sanjeev K. Gupta, Ab-initio study of strain engineering optical properties of RbPbl3, AlP Conference Proceedings, American Institute of Physics (AIP) Publisher, 2115, 030154, 2019.
14	Pushkar Mishra, Deobrat Singh, Yogesh Sonvane and Sanjeev K. Gupta, Study of stability of 2D boron arsenide in air at atomic level, AIP Conference Proceedings, American Institute of Physics (AIP) Publisher, 2115, 030156, 2019.
15	P. Kumar, K. Rajput and D. R. Roy, First principle investigation on the optical properties of manufacturer CaS, Proc. of ICC 2019, Bikaner, AIP Conf. Proc. 2220 (2020) 130070
16	K. Rajput and D. R. Roy, Investigation on the thermoelectric properties of single & bilayers of Sec. Proc. of ICC 2019, Bikaner, AIP Conf. Proc. 2220 (2020) 130071
17	Rajput, Kaptan, and Debesh R. Roy, Thermoelectric Investigation of Mg3N2 Monolayer, AIP Conference Proceedings. AIP Publishing LLC, 2020.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
18	Kumar, Pankaj, Kaptan Rajput, and Debesh R. Roy, DFT Investigation on the Optical Properties of 2D-CaSe, AIP Conference Proceedings. AIP Publishing LLC, 2020.
19	R Tiwari, DP Rathaud, AK Rai; Study of the state Y (4260) in tetra quark model, All Conference Proceedings 2220 (1), 140067 (2020)
20	K Gandhi, A Kakadiya, Z Shah, AK Rai; Excited S -wave Lamda0 baryon, AlP Conference Proceedings 2220 (1), 140015(2020)
21	R Chaturvedi, V Patel, NR Soni, AN Gadaria, JJ Patel, JN Pandya, AK Rai; Computation of decay constant and digluon decay width of Charmonia; AIP Conference Proceedings 222 (1), 140048 (2020)
22	KR Purohit, AK Rai, RH Parmar; Rotational vibrational partition function using attractive radial potential plus class of Yukawa potential; AIP Conference Proceedings 2220 (1), 12000 (2020).
23	V Patel, K Gandhi, R Chaturvedi, V Kher, AK Rai; Ground state masses of D mesons; AIP Conference Proceedings 2220 (1), 140028 (2020).
24	C Menapara, Z Shah, AK Rai; Radially and orbitally excited state masses of Δ baryon; Alf Conference Proceedings 2220 (1), 140014 (2020).
25 	RH Parmar, KR Purohit, AK Rai; Approximate analytical solution of the extended Hulthen Yukawa with inverse square and coulombic term plus ring shape potential; AIP Conference Proceedings 2220 (1), 140071 (2020).
26	Z Shah, AK Rai, Mass spectra of triply heavy charm-beauty baryons*, EPJ Web of Conferences, 202, 6001, 2019.
	Chemical Engineering Department
1	Chirag Mevada and Mausumi Mukhopadhyay (2020), "Enhancement of electrochemical properties of commercial carbon cloth by electrochemical activation for supercapacitor application" Presented in International conference on Electrochemistry in Industry, Health and Environment (EIHE 2020), at BARC, Mumbai, India, 21th -25th January, 2020, EIHE RP 113
2	activated hydrophilic carbon cloth as an electrode material for energy storage device' Presented in American Association for Advances in Functional Material (AAAFM), University of Los Angeles, USA, 19th-22th August, 2019, pp 31.
3	Sarita Kalla, Sushant Upadhyaya, Kailash Singh, "Mathematical Modeling of the Separation of HCI/Water Mixture using Argon Gap Membrane Distillation" presented in Scopus indexed International Conference on Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy (MMCITRE-2020), PDPU, Ahmedabad, February 21-23, 2020.
	Chandra Bhushan T. Pal and G. C. Jadeja Green Extraction of Polyphenols from Onion peel using Choline Chloride based Deep Eutectic Solvents Proceedings AdChE2020: International Conference on Advances in Chemical Engineering-2020, 5-7 February 2020, UPES, Dehradun, India
ļ	Saikumar Nair, Siba Prakash Bhoi, Yagnesh Trivedi and Jignasa V. Gohel, "Optimization of mixed cationic perovskite solar cell through response surface methodology (RSM)", International Conference on Electrochemistry EIHE-2020, BARC (Bhabha Atomic Research Centre), Mumbai, January 21-25,2020.
6	V. Umrigar, M. Chakraborty, P.A.Parikh, Cleaner Production of Methyl Benzoate Using Solid Heterogenous Catalyst via Electromagnetic Waves as an Energy Source, Journal of The Institution of Engineers (India): Series E, 1-6,2020.
7	H.P. Kohli, S. Gupta, M.Chakraborty, Applicability of Hollow Fiber Strip Dispersion for the Removal of Metal lons from Aqueous Streams, Journal of The Institution of Engineers (India), Series E, 91-97,2020.
3 1 	Miral R. Thakker, Meghal A. Desai, Jigisha K. Parikh; Isolation of Essential oil from Palmarosa using Different Extraction Techniques: Comparison and Waste Valorization; International Conference on Chemical, Bio & Environmental Engineering; NIT Jalandhar, Punjab; February 2020.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
9	Akash D. Patel, Meghal A. Desai; Reduction in Particle Size of Methylcobalamin using Antisolvent Crystallization; : 4th International Conference on Innovative Advancement in Engineering & Technology (IAET 2020); Jaipur National University, Jaipur, Rajasthan, February 2020.
10	Himanshu P. Kohli, Smita Gupta, Mousumi Chakraborty, Studies on the removal of endocrine disrupting compounds from aqueous streams by Emulsion liquid membrane and hollow fiber supported liquid membrane. Internation conference on Advances in Chemical Engineering - 2020 (AdChE-2020), University of Petroleum and Energy Studies, Dehradun. Date- February 2020.
11	Smitha Rajesh and Z.V.P. Murthy, Characterization and method establishment of in situ antioxidant incorporation with polymeric membranes. Presented at "The 5th International Conference on Water Resource and Environment (WRE 2019)" held in Macao Science Center, Macao, China, during 16-19 July, 2019. (WRE3187) (pp.39-40) (Invited Talk) (Presented by Smitha).
12	Rahul Jaijan, Kanika Meena & Chetan M. Patel, Effective preparation of curcumin nanoparticles by stirred media milling, Presented at 3rd International Conference on Powder, granules and bulk solid: Innovation and applications, (PGBSIA-2020), TIET Patiala, Punjab, India, February 26-28, 2020.
13	Arkatkar, A., Mungray, A. K., Sharma, P. Study of electrochemical activity zone of pseudomonas aeruginosa in microbial fuel cell. Indo-Belgium Workshop on Upscaling and field scale application of bioelectrochemical systems for wastewater treatment and bioenergy recovery at IIT Kharagpur, during 26- 27 February 2020.
14	Jain S., Mungray, A. K. A comprehensive review on septic tank integrated with microbial fuel cell for the wastewater treatment. Indo-Belgium Workshop on Upscaling and field scale application of bioelectrochemical systems for wastewater treatment and bioenergy recovery at IIT Kharagpur, during 26- 27 February 2020.
15	Monali C., Mungray, A. A., Mungray, A. K. Performance of constructed wetland system integrated with microbial fuel cell for greywater treatment and bioelectricity generation. Indo-Belgium Workshop on Upscaling and field scale application of bioelectrochemical systems for wastewater treatment and bioenergy recovery at IIT Kharagpur, during 26-27 February 2020.
16	Patel A., Mungray, A. A., Mungray, A. K. Performance enhancement of Microbial fuel cell using forward osmosis technology: A Review. Indo-Belgium Workshop on Upscaling and field scale application of bioelectrochemical systems for wastewater treatment and bioenergy recovery at IIT Kharagpur, during 26- 27 February 2020.
17	Monali, C., Mungray, A. A., Mungray, A. K. Effect of oxygen presence on the cathodic recovery of copper in the microbial fuel cell. International conference on 12 "Energy and Environmental Technologies for Sustainable Development" held at MNNIT Allahabad during Feb 14-16, 2020.
18	Tiwari, A., Jain, S., Mungray, A. A., Mungray, A. K. Palladium nanoparticles as oxygen reduction catalyst in air cathode microbial fuel cell. International conference on "Energy and Environmental Technologies for Sustainable Development" held at MNNIT Allahabad during Feb 14-16, 2020.
19	Jain, S. Mungray, A. K. Performance study of membrane less septic tank microbial fuel cell. International conference on "Energy and Environmental Technologies for Sustainable Development" held at MNNIT Allahabad during Feb 14-16, 2020.
20	Doshi, K., Mungray, A. A. Characterization and application of high flux forward osmosis membrane by layer by layer self-assembled polyelectrolytes. International conference on "Energy and Environmental Technologies for Sustainable Development" held at MNNIT Allahabad during Feb 14-16, 2020.
21	Doshi, K. Mungray, A. A. Performance of air cathode microbial fuel cell integrated with forward osmosis membrane using a novel draw solution. Indo-Belgium Workshop on Upscaling and field scale application of bioelectrochemical systems for wastewater treatment and bioenergy recovery at IIT Kharagpur, during 26- 27 February 2020.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	Civil Engineering Deparatment
1	Sonaviya, D., Yadav, M., Tandel B., "Study of Road Traffic Noise in Tier II city of India", International Conference on Chemical, Bio & Environmental Engineering (CHEMBIOEN-2020), NIT Jalandhar. Paper ID A-536, Page No – 45, Feb-2020.
2	Yadav, M., Sonaviya, D., Tandel, B., "Study on Fluctuating Noise Levels with Respect to Traffic Density in Surat City, India", International Conference on Chemical, Bio & Environmental Engineering (CHEMBIOEN-2020), NIT Jalandhar. Paper ID A-535, Page No – 44, Feb-2020.
3	Suresh B., Tandel B., "An Experimental Study On Integrated Power Free Shock Electro dialysis for Desalination", International Conference on Sustainable Environmental Engineering and Science (SEES-19), Kolkata, India. Paper ID SEES 135, Page No – 238-248, Nov-2019.
4	Ranpise R., Tandel B., "Assessment and MLR Modeling of Traffic Noise At Major Urban Roads Of Residential And Commercial Areas Of Surat City", International Conference on Sustainable Environmental Engineering and Science (SEES-19), Kolkata, India. Paper ID SEES 136, Page No – 249-261, Nov-2019.
5	H D Golakiya, A Dhamaniya, S Chandra, O Sharma "Pedestrian Crossing Warrants for urban Midblock Sections under Mixed Traffic Conditions" 99th Annual Meeting of Transportation Research Board (TRB) Washington DC, USA. Available Online, 2020.
6	Ritvik Chauhan Narayana Raju, A Dhamaniya S.S. Arkatkar "Crash Prediction for Rear-end Collisions using new Safety Measure at Signalized Intersection Operating with Weak Lane Discipline" 99th Annual Meeting of Transportation Research Board (TRB) Washington DC, USA. Available Online, 2020.
7	Haresh Dayabhai Golakiya, A Dhamaniya "Pedestrian Safety Analysis at Urban Midblock Crosswalk Locations under Mixed Traffic Conditions Using Time to Collision as Surrogate Safety Measure" 99th Annual Meeting of Transportation Research Board (TRB) Washington DC, USA. Available Online, 2020.
8	Yogeshwar V. Navandar D A Patel, A Dhamaniya, S. Velmurugan "Structural Equation Modeling for Level of Service at Toll-Plazas under Mixed Traffic Conditions" 99th Annual Meeting of Transportation Research Board (TRB) Washington DC, USA. Available Online, 2020.
9	Mahesh Deshmukh Yogeshwar V. Navandar Ashish Dhamaniya "Statistical Distribution Analysis of Clearance Time at Manually Operated Toll Plazas under Mixed Traffic Conditions". 13 th Eastern Asia Society of Transportation Studies (EASTS) Conference, Available Online, 2019.
10	Asir Khan, Sonu Mathew S. S. Arkatkar, A Dhamaniya "Roundabout Entry Capacity Estimation Under Heterogeneous Traffic Conditions" 13 th Eastern Asia Society of Transportation Studies (EASTS) Conference, Available Online, 2019.
11	H D Golakiya, Manish Patkar, Chintaman S. Bari, A Dhamaniya "Study on Acceleration and Declaration characteristics of Vehicles influenced by crossing pedestrians at urban midblock sections" 13th Eastern Asia Society of Transportation Studies (EASTS) Conference, Available Online, 2019.
12	H D Golakiya, A Dhamaniya "Delay estimation at urban midblock section influenced by crossing pedestrians under mixed traffic conditions" 22 nd Euro Working Group on Transportation Spain, Available Online, 2019.
13	Suraj Bhosale, Atul Desai, Analysis of Infilled Masonry Wall in Steel Frame Subjected to Lateral Loading by Experiment and FEM Software, 5th International Conference on Building Materials and Construction (ICBMC 2020), Tokyo, Japan, pg. no. 190-195, Feb. 26-29, 2020.
14	Deepam Patel, Desai A. K., Blast Mitigation Effects on Façade System with Projections Utilizing Fluid-Structure-Fluid Interaction, 5th International Conference on Building Materials and Construction (ICBMC 2020), Tokyo, Japan pg. no. 183-188, Feb. 26-29, 2020.
15	G. S. Anaokar, A. K. Khambete, and R. A. Christian, "Artificial Neural And Graphical Model to Predict Biogas from Municipal Wastewater Sludge by Multiple Parameter Comprehensive Indexing"; International Conference on Mathematical Modelling, Applied Analysis and

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	Computation; JECRC University, Jaipur, India 8-10 August 2019, 2, 238-247.
16	Shukla D., Solanki C.H., Deaggregation of Seismic Hazards for Two Different Sites in Indore Region. In: Prashant A., Sachan A., Desai C. (eds) Advances in Computer Methods and Geomechanics. Lecture Notes in Civil Engineering, vol 55. Springer, Singapore, 2020
17	Dave M.M., Solanki C.H., Protection of Buried Pipelines Using Geosynthetics Under Different Loading Conditions—A Review. In: Prashant A., Sachan A., Desai C. (eds) Advances in Computer Methods and Geomechanics. Lecture Notes in Civil Engineering, vol 55. Springer, Singapore, 2020
18	Patel, S. and Patel, C., An Approach towards Sustainable transportation: A Case Study of Public Bike Sharing System Planning Along with BRTS Corridor in Surat City in: Urban Mobility India(UMI-19), Lucknow, India. 15-17 November, 2019.
19	Mundel, L., Patel, S., and Patel, C., Public Bicycle Sharing System Issues and Challenges for Livable and Accessible Cities: An Indian Experience in: Urban Mobility India (UMI-19), Lucknow, India. 15-17 November, 2019.
20	Sonar, Y., Patel, C., and Patel, S., 2019. Low Carbon Mobility Plan: A Case Study Of Public Bicycle Sharing System In Surat CityIn: 4th International Conference On Construction, Real Estate, Infrastructure and Project (CRIP) Management, NICMAR Institute, Pune, India. 13-14December, 2019.
21	Dhonde, B. and Patel, C., 2019. An Impact of Decentralized Small Scale Industry on Intra-City Freight Trips in developing nation. In: The 13th International Conference of Eastern Asia Society for Transportation Studies (EASTS). 9-12 September 2019.
22	Shah Pooja B., J. M. Nongkynrih, Dipal Samal. and Patel C., S., 2019. Mitigating Assailable Building to Disaster using Geo-spatial technology: A case study of Shillong City. In: Innovation in Geospatial Technology for Sustainable Development with Special Emphasis on NER.Shillong, India. 20-22 Nov 2019.
23	Mansuri L, Udeaja C, Trillo, C, Kwasi G, Patel D. A, Jha K. N., Makore C. B, and Gupta S. Scientometric Analysis and Mapping of Digital Technologies Used in Cultural Heritage Field. Proceedings of the 35th Annual ARCOM Conference, 2-4 Sept. 2019, Leeds, UK, Association of Researchers in Construction Management. 255-264. 2019
24	Patel D. J., Shrivastava Prabhat and Patel D. A. Estimation of demolition waste using waste generation rate and logistic flows in Surat, India. Proceeding in International Conference on Waste Management (Recycle 2020), 13-14 Feb. 2020, Indian Institute of Technology, Guwahati, India. 2020.
25	Patel D. J. and Patel D. A. Identification of Potential Neighbourhood Constraints of Demolition Process: A Case Study. Proceeding in International Conference on Waste Management (Recycle 2020), 13-14 Feb. 2020, Indian Institute of Technology, Guwahati, India. 2020.
26	Lad V. H., Patel D.A., Patel K.A., and Chauhan K.A. Assessment of Bridge Resilience using AnalyticalHierarchy Process. 2 nd ASCE India Conference "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies" 2-4 March 2020, Kolkata. 2020.
27	Lukman M., Raag Lavingiya, Sulaim Qureshi, Parth Solanki, and Patel D. A. Determination of Maintenance Prioritization Index of Buildings using Analytical Hierarchy Process. 2 nd ASCE India Conference "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies" 2-4 March 2020, Kolkata. 2020.
28	Patel D. J., and Patel D. A. Assessing the potential health hazards of workers of demolition sector. Proceeding in International Conference "The ASCE Construction Research Congress (CRC 2020)," 8-10 March 2020, Arizona, USA. 2020.
29	Patel Vasu G., Patel D. J., Patel D. A., and Jha K. N. A science mapping approach based review of construction and demolition waste management. Proceeding in International Conference "The ASCE Construction Research Congress (CRC 2020)," 8-10 March 2020, Arizona, USA. 2020.
30	S. M. Gunjal, Kondraivendhan, B, Utilization of waste marble powder for the production of limestone calcined clay cement (LC3), 3 rd International Conference on Innovative

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	Technologies for Clean and Sustainable Development (ITCSD2020), Chandigarh, February 19–21, 2020
31	Sagar Patel and Ganesh D. Kale, Trend Analyses in Groundwater Levels of Five Blocks in the Sangrur District, Punjab, Second ASCE conference in India on Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economics (ASCE India 2020 Conference), Kolkata, India.
32	Praveen Barapatre and Jayantilal N. Patel, Development of Internet of Things(IoT) Based Smart Irrigation System for Sugarcane, International Conference on Innovation in Communication Computing and Science, 2019
33	Shilpesh C. Rana and Jayantilal N. Patel, AHP-TOPSIS Method Approach for Priority Analysis of A Small Hydro Power Project, International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD-2019), Civil Engineering Department, NIT Warangal, 2019
34	K A Chauhan, R A Shah, Development of Hierarchical Structure of Lean Barriers using Delphi, Proceedings of 12 th SEC, 2019
35	K A. Chauhan, Bhagyashri H. Shisode, Govind Pandey, Vinay Kumar Singh, Gauging the Holistic Performance of an Educational Building in the Metropolitan City – Surat, Gujarat, (ICE2M), 2019
36	K A Chauhan, Bhagyashri H. Shisode, Govind Pandey, Vinay Kumar Singh, The Assessment of Old Building Envelope for an Academic Institute: A Case Study of SVNIT Surat, Gujarat, (ICFC 2019)
37	K A Chauhan, Bhagyashri H. Shisode, Govind Pandey, Vinay Kumar Singh, Evaluation of Existing Pedagogical Building Performance at SVNIT, Surat, Gujarat, 04th International Conference on Climate Change 2020.
38	Lad, V. H., Patel, D. A., Patel, K. A., and Chauhan, K. A., Assessment of bridge resilience using analytical hierarchy process, 2nd ASCE India conference on Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economics, ASCE, 12(3-6), 2020
39	Anudeep Nema, Kunwar D. Yadav, Robin A. Christian, A lab scale batch study of free water surface constructed wetland for water hyacinth plantation. International conference on innovative trends in civil engineering for sustainable development (ITCSD - 2019), NIT Warangal. 13-15 September 2019.
40	Rajnikant Prasad, Kunwar D. Yadav, Optimization of process parameter by RSM for removal of mythlene blue using stem of water hyacinth. International conference on innovative trends in civil engineering for sustainable development (ITCSD - 2019), NIT Warangal. 13-15 September 2019.
41	Anudeep Nema, Dhaneesh K H, Kunwar D. Yadav, Robin A. Christian, A Small-Scale Study for The Treatment of Grey Wastewater Through Free Surface Constructed Wetlands Using Water Hyacinth Plant. International Conference on recent trends and innovations in civil engineering (ICRTICE 2019), Medi-Caps Indore, 26-27 September 2019.
42	Anudeep Nema, Rajnikant Prasad, K. D. Yadav, R. A. Christian, Treatment of greywater by free water surface constructed wetland with water hyacinth plant in batch mode operational alab scale study. Chemical, bio & environmental engineering (CHEMBIOEN-2020) NIT Jalandhar. 13-14 Feb 2020.
43	Rajnikant Prasad, Anudeep Nema, Kunwar D Yadav, Role of <i>Eichhornia Crassipes</i> in treatment of greywater in continuous process. Chemical, bio & environmental engineering (CHEMBIOEN-2020) NIT Jalandhar. 13-14 Feb 2020.
44	Pottipati, S., Yadav K.D., Kalamdhad A.S., The potential of biogas production from water hyacinth by using floating drum biogas reactor. 3 rd International conference (Recycle-2020), 13-14 Feb. 2020.
45	Lakshmi V and Ahammed M M, Greywater Treatment Using Electrocoagulation, 3rd International Conference on innovative technologies for clean sustainable environment, Chandigarh, February 19-21, 2020

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
46	Garg S, Ahammed M M and Shaikh I, Heavy metal fractionation in aerobic and Anaerobic sewage sludge, International Conference on recent advances in civil engineering, Kochi, July 2020
47	Nandini Moondra, R A Christian, Jariwala Namrata "Bibliometric Analysis of Constructed Wetlands in Wastewater Treatment", International conference in Recent Trends and Innovations in civil engineering, Medicaps University, Indore, 26 th -28 th September 2019.
48	Nandini Moondra, R A Christian, Jariwala Namrata "Scientometric study and visualization of constructed wetlands Bibliometric Analysis of Constructed Wetlands (1998-2017) 7 th International conference on Engineering (NUICONE 2019), Ahmedabad 21-22 Nov 2019.
49	Moondra N, R A Christian, Jariwala Namrata "Advantages and Limitations of Phycoremediation in wastewater treatment ",IV International Conference on Sustainable energy and Environmental Challenges, NEERI Nagpur, 27th-29th November 2019.
50	Nihalani S, A K Khambete, Jariwala N D "Particulate Matter Source Apportionment: Critical Review for Indian Scenario ",4 th International Conference on Air Quality Management, IIT Bombay, 18 th -20 th December 2019.
51	Plabita Sharma, Ravin M. Tailor, "Revitalization of uzanbazar local area, Guwahati, Assam", International Conference on Energy, Environment & Material Sciences (ICE2M-2019), 1-3 December 2019, MMMUT, Gorakhpur, UP, India, Pg: 61, 2019
52	Plabita Sharma, Ravin M. Tailor, "Value Capture Mechanism for Funding Urban Infrastructure", International Conference on Energy, Environment & Material Sciences (ICE2M-2019), 1-3 December 2019, MMMUT, Gorakhpur, UP, India, Pg: 82, 2019
53	Lopa Pareshbhai Patel, Chetan Patel, Ravin Tailor, "Role of Achieving Women Empowerment in Sustainable Development", International Conference on Gender Equity: Challenges and Opportunities, 19-20 December 2019, SVNIT, Surat, Pg: 88-100, ISBN: 978-93-5396-182-4, 2019
54	Channabasaveshwar C., Vasanwala, S. A., Sodha, Direct Displacement Based Design of Seismically Isolated Reinforced Concrete Framed Structures, The International Conference on Architecture and Civil Engineering, Kaula Lumpur, Malaysia, pp. 3 2020
55	Sodha, A., Chikmath. C, Vasanwala, S. A., & Soni, D., Effectiveness of TripleFriction Pendulum System Over A Single Friction Pendulum System UnderDirectivity Focusing Earthquakes, The International Conference on Architecture and Civil Engineering, Kaula Lumpur, Malaysia, pp. 23 2020
56	Madhura Aher, Yadav S.M., Trend analysis of Annual rainfall data for Godavari Basin, India, 24th International Conference, Hydraulics, Water Resources & Coastal Engineering, HYDRO-19,Osmania University, Hyderabad, Vol.1, 671, 18-20 Dec, 2019
57	Pavan N. Ghumare, Dr. K. A. Chauhan, Dr. S. M. Yadav, Analysis of Urban housing dynamics among low income consumers using multiple criteria decision-Making methods, Second ASCE India Conference on Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies, Kolkata, India, March 02-04 2020
58	Yadav, V. K., Yadav, S. M. and Samtani, B. K., Analysis of flow velocity in an ephemeral channel through field measurements, National Conference on Recent Developments in Civil Engineering & Infrastructure, MANIT, Bhopal, India, 21-22 September, 2019
59	Yadav, V. K., Yadav, S. M. and Samtani, B. K., A statistical interpretation of hydrological data measured at stream gauging sites of Godavari river basin, India , 24th International Conference, Hydraulics, Water Resources & Coastal Engineering, Osmania University, HYDRO-19, Hyderabad, Vol.1, 1438, 18-20 Dec, 2019
60	Jabbar, Y. C., and Yadav, S. M., Accessing the Ukai Reservoir live storage capacity between 1992 and 2001 using satellite remote sensing, National Conference on Recent Development in Civil Engineering Infrastructure (RDCI 2019), MANIT BHOPAL, India, 21 - 22 Sept, 2019
61	Darshan Mehta and S.M.Yadav, Trend detection in temperature using Mann-Kendall test: A case study to assess Climate changes in Rajasthan State, 24th International Conference, Hydraulics, Water Resources & Coastal Engineering, Osmania University, HYDRO-19,Hyderabad, Vol.II, 1739, 18-20 Dec, 2019

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
62	Vijendra Kumar and S. M. Yadav, Optimal monthly reservoir operation to minimize the Irrigation deficiencies using JAYA Algorithm, 24th International Conference, Hydraulics, Water Resources & Coastal Engineering, HYDRO-19, Osmania University, Hyderabad, Vol.II, 3064, 18-20 Dec, 2019
63	Yazad Jabbar and Sanjay Yadav, Assessment of sediment distribution pattern in the Ukai reservoir using Landsat-8 Imagery, 24th International Conference, Hydraulics, Water Resources & Coastal Engineering, HYDRO-19, Osmania University, Hyderabad, Vol.1, 2837, 18-20 Dec, 2019
64	S. Patel; R. R. Pai; M. D. Bakare; and J. T.Shahu, Field evaluation of road pavement constructed with waste materials through nondestructive testing, Materials Today: Proceedings, Elsevier, 1254-1260, 2020
65	Sachin Shah, Chintan Advani, Ajinkya Mane, S Arkatkar, G Joshi: Modeling Perceived Level of Service of Intercity Expressway. Transportation Research Board 99 th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
66	Ninad A. Gore, Srinivas S. Pulugurtha, S Arkatkar, G Joshi: Congestion Index: A New Performance Measure to Characterize Congestion and Level-of-Service on Freeways. Transportation Research Board 99th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
67	Vikram Singh, Ninad Gore, S Arkatkar, G Joshi, and Ashish Bhaskar: Validating Travel Time Reliability as a Function of Congestion Using Wi-Fi Sensor Derived Travel Time Data. Transportation Research Board 99th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
86	Ritvik Chauhan, Narayana Raju, A Dhamaniya, S Arkatkar: Vehicular Trajectory Based Investigation of Driving Behavior at Signalized Intersection Operating with Weak Lane Discipline. Transportation Research Board 99th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
69	Narayana Raju, S Arkatkar, Said M Easa, G Joshi: Developing Extended Trajectory Database for Heterogeneous Traffic like NGSIM Database. Transportation Research Board 99 th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
70	Manraj Singh, Bains Ramya, Shesha Sirisha Sanagapalli, S Arkatkar, Anbumani K S, Rajdeep Jadeja: Optimizing Dedicated Lane Allocation for Fastag Tollway Operations Using Micro Simulation: Case Study of Toll Plaza, Rajasthan, India. Transportation Research Board 99 th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
71	Narayana Raju, S Arkatkar, G Joshi: A Machine Learning Approach for Predicting Positions of Vehicles Operating with Weak Lane Discipline using Newly Developed Extended Trajectory Data. Transportation Research Board 99th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
72	Narayana Raju, S Arkatkar, Said M Easa, G Joshi: Empirical Approach for Identifying Potential Rear-End Collisions Using Trajectory Data. Transportation Research Board 99th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
73	Jaydip Goyani, Nishant Pawar, Ninad Gore, Manish Jain, and S Arkatkar: Post Encroachment Time based Risk Characterization at Un-Signalized T-Intersections Operating under Mixed Traffic Conditions. Transportation Research Board 99th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
74	Narayana Raju, Aayush Jain, S Arkatkar, and G Joshi: Investigating Performance of a Novel Safety Measure for Assessing Potential Rear End Collisions: An Insight Representing a Scenario in Developing Nation. Transportation Research Board 99 th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
75	N. Vasudevan, Ninad Gore, Rupali Zope, S Arkatkar, G Joshi. Understanding Habit of Travel by Personal Modes in Context of Transit Usage. Transportation Research Board 99 th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
76	Narayana Raju, S Arkatkar, Said M Easa, G Joshi: Performance Analysis of Truck Parking Terminal Using Simulation. Transportation Research Board 99 th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
77	Sanhita Das, Narayana Raju, Akhilesh Kumar Maurya, and S Arkatkar: Evaluating Lateral Interactions of Motorized Two-Wheelers Using Multi-Gene Symbolic Genetic Programming. Transportation Research Board 99th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
78	Nandan H. Dawda, Hardik Gajera, G Joshi, S Arkatkar, S M Dave. Efficiency based evaluation of public transport and para-transit systems: Lessons learnt towards a scenario for integrated transportation perspective. Transportation Research Board 99 th Annual Meeting Transportation Research Board, Washington DC USA, January 12-16, 2020.
79	R Chauhan, A Dhamaniya, S Arkatkar, P Sahu, D Vikram: Effect of Side Friction Parameter on Urban Road Traffic: Under Mixed Traffic Scenario. 13 th International Conference of the Eastern Asia Society for Transportation Studies (EASTS) at Colombo, Sri-Lanka, September 9-11, 2019.
80	N Raju, S Arkatkar, G Joshi: Replicating Driving Behavior Under Heterogeneous Non-Lane-Based Traffic Environment: A Supervised Machine Learning Based Methodology. 13 th International Conference of the Eastern Asia Society for Transportation Studies (EASTS) at Colombo, Sri-Lanka, September 9-11, 2019.
81	N Vasudevan, N Gore, R Zope, S Arkatkar, and G Joshi: Re-orientation of Para-Transit When Confronted by Mass Transit System: An approach through user's and operator's perception. 13th International Conference of the Eastern Asia Society for Transportation Studies (EASTS) at Colombo, Sri-Lanka, September 9-11, 2019.
82	V Singh, N Gore, A Chepuri, S Arkatkar, G Joshi, S Pulugurtha: Examining Travel Time Variability and Reliability on an Urban Arterial Road Using Wi-Fi Detections- A Case Study. 13th International Conference of the Eastern Asia Society for Transportation Studies (EASTS) at Colombo, Sri-Lanka, September 9-11, 2019.
83	J Goyani, N Pawar, N Gore, M Jain, S Arkatkar: Investigation of Traffic Conflicts at Unsignalized Intersection for Reckoning Crash Probability Under Mixed Traffic Conditions. 13th International Conference of the Eastern Asia Society for Transportation Studies (EASTS) at Colombo, Sri-Lanka, September 9-11, 2019.
84	N Raju, S Arkatkar, and G J Joshi: Evaluating Operational Performance of City Bus Transit Service Using TCQSM Guidelines: A Case Study of Surat City. 13 th International Conference of the Eastern Asia Society for Transportation Studies (EASTS) at Colombo, Sri-Lanka, September 9-11, 2019.
85	Tamizharasi, G., Prasad, A.M., and Murty, C.V.R., "A Simple Method to Identify Torsional Flexibility in Buildings without performing Detailed Structural Analysis", 17th World Conference on Earthquake Engineering(17 WCEE), Paper No: C003403, 13-18 September 2020, Sendal, Japan.
86	A.J. Shah and Vishisht Bhaiya, Behaviour of Building Frames under Tsunami Loading, International Conference on Building Materials and Construction (ICBMC 2020), Japan, 26-28 February 2020
87	Sharma, P. J., Patel, P. L., and Jothiprakash, V. Hydroclimatic Teleconnections of Large-Scale Circulations on Variability of Monsoon Inflows into Ukai Reservoir, India. Proceedings of 24th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2019), December 2019, Hyderabad, India.
88	N. Vineela, &P. L. Patel. Assessing LULC changes in Lower Tapi Basin using a hybrid methodology involving supervised and spectral indices approaches. Proceedings of 24th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2019), December 2019, Hyderabad, India.
89	Shubham M. Jibhakate, P. Timbadiya P. V. Patel P. L. Assessment of recent changes in extreme rainfall variability over Lower Tapi Basin, India. Proceedings of 24th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2019), December 2019, Hyderabad, India.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
90	Resmi S R, P L Patel, P V Timbadiya. Effective discharge for bed material transport in two rivers of Upper Tapi Basin: decadal changes, causes and effects. Proceedings of 24th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2019), December 2019, Hyderabad, India.
91	Lalit Kumar Gehlot, Patel P. L. Timbadiya, P. V. Investigation on characteristics and trend of rainfall over Middle Tapi basin, India. Proceedings of 24th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2019), December 2019, Hyderabad, India.
92	Alka Sharma, &P. L. Patel. An event based hydrological modelling using HEC-HMS for Dharoi catchment of Sabarmati Basin. Proceedings of 24th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2019), December 2019, Hyderabad, India.
93	Nishant Sourabh, P. V. Timbadiya, P. L. Patel. Experimental Analysis of Hydraulic Transient in a Single pipe. Proceedings of 24th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2019), December 2019, Hyderabad, India.
94	P. Laxmi Narayana, K. Murali, M. Sayan, &P. L. Patel. Experimental investigation on erosion and deposition pattern around a sand pit in an alluvial channel. Proceedings of 24th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2019), December 2019, Hyderabad, India.
95	Vesmawala G R, Ajaysinh R.Vaghela, K.D.Yadav, Yogesh Patil, "Effectiveness of polycarboxylate as a dispersant of carbon nanotubes in concrete", 2 nd International Conference on Recent Advances in Materials & Manufacturing Technologies (IMMT 2019), Dubai, UAE, Nov. 2019
96	Azaz I. Pathan, P G Agnihotri, Use of Computing Techniques for Flood Management in a Coastal Region of South Gujarat–A Case Study of Navsari District. International Conference on Intelligent Computing and Optimization (pp. 108-117). Springer, October 2019.
97	Rupal Waghwala, P G Agnihotri , Examining the Impact of Land Use Land Cover Characteristics on Flood Losses A Case Study of Surat City International Conference on Intelligent Computing and Optimization - ICO 2019 DOI:https://doi.org/10.1007/978-3-030-33585-4_7 October-2019
98	Azaz I. Pathan, P G Agnihotri, One Dimensional Flood Modelling using RAS-mapper Tools in HEC-RAS - A Case Study on Purna River, Navsari City International Conference on Hydraulic, Water resources and Coastal engineering (24th HYDRO 2019) (pp.3152-3156) December-2019
99	Anand V. Reddy, Deepak Haritwal, Solanki C. H, Shailendra Kumar, Krishna R. Reddy Characterization of Industrial Contaminated Site by Heavy Metals Indian Geotechnical Conference, SVNIT, Surat, Gujarat, Proceeding in press, 19-21 Dec. 2019
100	Jerin Joseph, Kumar, S., & Patel J. B., Anchor Pile System for Resisting Uplift: A Review Indian Geotechnical Conference, SVNIT, Surat, Gujarat, Proceeding in press, 19-21 Dec. 2019
101	Sachin S Patil, Yogesh Patil, Effect of elevated temperature on mechanical strength of Glass mortar, ASCE India Conference on "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies" Kolkata, ASCE, 2020
102	Aniket A. Shirgaonkar, Yogesh D Patil, Hemant S. Patil, Structural response of profiled deck composite slab with intermediate stiffener and shear connector, ASCE India Conference on "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies" Kolkata, ASCE, 2020
103	Bhagyashri Sarde, Y. D. Patil, Recent Research Status on Polymer Composite Used in Concrete-An Overview, materials today proceedings, ICMPC 2019, Hydrabad, Materials Today Procardia, Elsevier publication, 3780-3790, 2019
104	Bhagyashri Sarde, Y. D. Patil, and Dhruv Jani, Waste recycled PET as a binder in polymer mortar, 3rd International conference on Innovative Technologies for Clean and Sustainable development, RILEM book series, springer publication, 2020

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
105	Bhagyashri sarde, Y. D. patil, Dhruv Jani,, B. Z. Dholkiya, Use of unsaturated polyester resin prepared from waste PET as a binder in polymer concrete, ASCE India Conference on "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies" Kolkata, ASCE, 2020.
	Computer Engineering Department
1	Himanshu B. Patel, Devesh C. Jinwala. "Blackhole Detection in 6LoWPAN Based Internet of Things: An Anomaly Based Approach" In: Proceedings of the IEEE Region 10 conference TENCON 2019, pp. 947-954, November 2019. (SCOPUS)
2	Mukti Padhya, Devesh C. Jinwala. "BTG-RKASE: Privacy Preserving Revocable Key Aggregate Searchable Encryption with Fine-grained Multi-delegation & Break-The-Glass Access Control." The Proceedings of the 16th International Conference on Security and Cryptography (SECRYPT 2019), Prague, The Czech Republic, pp. 109-124, July 2019.
3	Unnati S. Shah, Sankita Patel, Devesh Jinwala. "A Semi-automated Approach to Generate an Adaptive Quality Attribute Relationship Matrix.: In: Proceedings of the Requirements Engineering: Foundation for Software Quality - 26th International Working Conference, REFSQ 2020, Pisa, Italy, March 24-27, 2020, Lecture Notes in Computer Science 12045, Springer 2020, ISBN 978-3-030-44428-0, pp. 239-256, 2020. (SCOPUS-DBLP)
4	Deepika Yadav, Meghavi Choksi and Mukesh A Zaveri, "Supervised Learning based Greenery region detection using Unnamed Aerial Vehicle for Smart City Application", Proceedings of IEEE 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT 2019), 6-8 July 2019, IIT Kanpur, India.
5	Aiswarya Mohan, Meghavi Choksi and Mukesh A Zaveri, "Anomaly and Activity Recognition Using Machine Learning Approach for Video Based Surveillance", Proceedings of IEEE 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT 2019), 6-8 July 2019, IIT Kanpur, India.
6	Aarju Goyal, Kaushal Meena, Karthik Kini, Parth Parmar and Mukesh A Zaveri, "Real Time Collaborative Processing for Event Detection and Monitoring for Disaster Management in IoT Environment", Proceedings of IEEE 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT 2019), 6-8 July 2019, IIT Kanpur, India.
7	Aakash Vora, Kevin Kumar Amipara, Samarth Modi, Mukesh A. Zaveri, "Data Driven Dynamic Sensor Selection in Internet of Things", Proceedings of IEEE Region 10 International Conference TENCON (TENCON 2019), pp. 1196 - 1201, 17-20 October 2019, Kochi, Kerala, India.
8	Anya Trivedi, Aashka Trivedi, Sourabh Varshney, VidheyJoshipura, Rupa Mehta, and Jenish Dhanani, "Similarity Analysis of Legal Documents: A Survey ",International Conference On ICT For Sustainable Development, Goa, India,23-24 July 2020,Scopus
9	Dipti P Rana, Simran Bawkar, Mansi Jain, Swati Bothra, Shailesh Baldaniya, "Image Based Fake Tweet Retrieval (IBFTR)", International Conference for Emerging Technology (INCET 2020), Belgaum, India, pp. 1-8, June 2020
10	Rishit Dholakia, Richa Randeria, Riya Dholakia, HunsiiAshar and Dipti Rana, "Cognitive Demand Forecasting with Novel Features Using Word2Vec and Session of the Day", International Conference on Cybernetics, Cognition and Machine Learning Applications, Goa, India, Aug 2019
11	Divyani Mittal, Pooja Suthar, Madhuri Patil, P.G.S Pranaya, Dr. Dipti P. Rana, Mr. Bharat Tidke, "Social Network Influencer Rank Recommender Using Diverse Features from Topical Graph", International Conference on Computational Intelligence and Data Science (ICCIDS 2019), 10.1016/j.procs.2020.03.205, 2019
12	Parmar, Dilay, Udai Pratap Rao, "Towards Privacy-Preserving Dummy Generation in Location-Based Services" Proceedings of Elsevier 3rd International Conference on Computing and Network Communications (CoCoNet'19), Procedia Computer Science, Vol. 171, pp. 1323-1326, 2020.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
13	Dilay Parmar, Udai Pratap Rao, "Dummy Generation-Based Privacy Preservation for Location-Based Services", In the proceedings of 21st International Conference on Distributed Computing and Networking (ICDCN 2020), Kolkata, India, January 4-7, 2020. ACM, pp. 1-1, 2020.
14	Brijesh B. Mehta, Ruchika Gupta, Udai Pratap Rao, Mukesh Muthiyan, "A Scalable (alpha, k)-Anonymization Approach using MapReduce for Privacy Preserving Big Data Publishing", In the proceedings of 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT), 6th -8th July 2019, IIT Kanpur, pp. 1-6, 2019.
15	Rishipal Yadav, Udai Pratap Rao, Dilay Parmar, Sumedh Nimkarde and Gaurav Jat, "Preserving Location Privacy Using Blockchain", In the proceedings of the International Conference Blockchain Technology (IC-BCT 2019), pp. 1-5, 2020.
16	Vaibhav Agrawal, Aishwarya Agarwal, Shailja Shah, Dilay Parmar and Udai Pratap Rao, "Decentralised Ecosystem for Journalism based on Blockchain", In the proceedings of the International Conference Blockchain Technology (IC-BCT 2019), pp. 7-19, 2020.
17	Udai Pratap Rao, Gargi Baser, and Ruchika Gupta, "SCC-LBS: Secure Criss-Cross Location-Based Service in Logistics", International Conference on Wireless Intelligent and Distributed Environment for Communication, LNDECT, pp. 233-255, 2019.
18	BintuKadhiwala and Sankita Patel. A Novel k-Anonymization Approach to Prevent Insider Attack in Collaborative Social Network Data Publishing. In: Garg D., Kumar N., Shyamasundar R.(eds) Information Systems Security, ICISS 2019, Hyderabad, India, Springer, LNCS vol. 11952, pp. 255-275, December 16-20, 2019
19	Kamal Macwan and Sankita Patel. Privacy Preserving Approach in Dynamic Social Network Data Publishing. In: Heng SH., Lopez J. (eds) Information Security Practice and Experience, ISPEC 2019, Kualalumpur, Malaysia, Springer, LNCS vol. 11879, November 26-28 2019,
20	Bhavesh N. Gohil, Sachin Gamit, Dhiren R. Patel, "Fair Fit — A load balance aware VM placement algorithm in cloud datacenter", 1st International conference on advanced communication & computational technology, LNCS & LNEE, NIT Kurukshetra, 6-7 December 2019
21	B. Varghese, S. Ray, B.N. Gohil, S. Vega, "Research challenges in Query Processing and Data Analytics on the Edge", IBM CASCON 2019, ACM, Markham, ON, Canada, 4-6 November 2019
22	Swati Kumari and Keyur Parmar, "Secure and Decentralized Crowd funding Mechanism Based on Blockchain Technology", International Conference on Paradigms of Computing, Communication and Data Sciences, NIT Kurukshetra, 2020.
	Electrical Engineering Department
1	Kumari Shipra, S.N. Sharma, Rakesh Maurya, "A Study of Passivity Based Controllers for Switched Electrical Network," in proc.of 1st IEEE International Conference on Energy Systems and Information Processing (ICESIP) at I.I.I.T.D.M. Kancheepuram, India, July 04-06, 2019.
2	R. Hirpara, &S. N. Sharma, Non-linear filtering of a phase tracking problem: Revisited, In Proc. of the 2019 IEEE Region 10 Conference (TENCON-2019), October 17– 20, 2019.
3	Shaival. H. Nagarsheth and S. N. Sharma, Decentralized fractional-order controller for a granulation process, In Proc. of the 16th India Council International Conference (INDICON-2019), December 13- 15, 2019.
4	Dhruvi. S. Bhatt and S. N. Sharma, Stochastic behaviour of the dynamics of cellular energetic, In Proc. of the 16th India Council International Conference (INDICON-2019), December 13- 15, 2019.
5	Dhrupa Patel, Anandita Chowdhury, Power Loss Reduction and Voltage Regulation in Loop Distribution Lines Using Sen Transformer, Elsevier 4 th International conference IAET-2020 organized by School of Engineering and Technology, Jaipur National University, Feb. 21-22, 2020.
6	Anandita Chowdhury, Vasundhara Mahajan, Urvashi Kaushal, Namrata Jariwala, Soumya Mudgal, Women, Society and Development, TEQIP III sponsored International Conference "Gender Equity: Challenges and Opportunities" SVNIT, Surat, 19-20, Dec. 2019.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
7	Rashmi Patel and R. Chudamani, "Multi Objective Decision Making for Improving the Stability and Efficiency of a Multi-converter System Loaded with Constant Power Load" IEEE international Conference of Power Electronics, Drives, Toulouse, France, 9-12 July, 2019.
8	Hitesh K. Mehta, A. K. Panchal, "A novel maximum power point estimation algorithm for PV system using real-time short circuit current calculation" IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP 2019) at IIITD&M Kancheepuram, Chennai, July-2019.
9	P. Bhagyasree and V. A. Shah, "A Simplified Method to Evaluate Equivalent Circuit Model and State of Charge of Li-ion Battery," 2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP), at I.I.T.D.M. Kancheepuram, India, July 04-06, 2019.
10	R. Shah, "Adaptive Fuzzy Network based Transfer Learning for Image Classification," 2020 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), Bhopal, India, Feb. 2020 pp. 1-4.
11	C. Gor and V. Shah, "Modelling, Analysis And Control of Five Phase Induction Motor Drive under Open Circuit Fault for Electric Vehicle," 2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP), at I.I.I.T.D.M. Kancheepuram, India, July 04-06, 2019.
12	K. Bhatia, P. B. Darji and H. R. Jariwala, "Cogent Assessment of Safety Parameters in Design of Microgrid Grounding System," 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), Genova, Italy, June 2019, pp. 1-6.
13	Ankuja Jain; Hitesh R. Jariwala; Uday Mhaskar, "Feasibility Analysis for the Penetration of Electric Vehicles in India in Future", IEEE International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC), 2019, page no: 68-72.
14	Ankuja Jain; Hitesh R. Jariwala; Uday Mhaskar, "Impact on the Transmission and Distribution Grid by the Deployment of Electric Vehicles Charging", IEEE International Conference on Computing, Power and Communication Technologies (GUCON), 2019, page No:250-256.
15	Krishnav Bhatia; Pranav B. Darji; Hitesh R. Jariwala, "Cogent Assessment of Safety Parameters in Design of Micro-grid Grounding System" IEEE International Conference on Environment and Electrical Engineering and IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) 2019.
16	Praveen Kumar Gupta, N. K. Singh and V. Mahajan, "Monitoring of Cyber Intrusion in Wireless Smart Grid Network Using Weight Reduction Technique," 2020 International Conference on Electrical and Electronics Engineering (ICE3), 14 Feb — 15 Feb, 2020, MMMUT Gorakhpur, India, pp. 136-139.
17	Neeraj Kumar Singh, Praveen Kumar Gupta, Vasundhara Mahajan, "Monitoring Cyber-Physical Layer of Smart Grid Using Graph Theory Approach", Electric Power and Renewable Energy Conference, May 29-30, 2020, National Institute of Technology Jamshedpur (NIT Jamshedpur), Jharkhand, India.
18	A. K. Yadav, S. Mudgal, and V. Mahajan, "Transmission Switching Based Available Transfer Capability Assessment to Make System Network Reliable," 2020 International Conference on Electrical and Electronics Engineering (ICE3), 14 Feb – 15 Feb, 2020, MMMUT Gorakhpur, India, pp. 27-32.
19	A. K. Yadav, S. Mudgal, and V. Mahajan, "Monte Carlo Simulation Application in Composite Power System Reliability Analysis," Electric Power and Renewable Energy Conference, May 29-30, 2020, National Institute of Technology Jamshedpur (NIT Jamshedpur), Jharkhand, India.
20	Neeraj Kumar Singh and Vasundhara Mahajan, "Smart Grid: Cyber Attack Identification And Recovery Approach," IEEE 2nd International Conference on Innovations in Electronics, Signal Processing and Communication (IESC), 1-2 March 2019, pp. 1-5, NIT Meghalaya. (DOI: 10.1109/IESPC.2019.8902401).

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
21	Neeraj Kumar Singh and Vasundhara Mahajan, "Mathematical Model of Cyber Intrusion in Smart Grid," IEEE PES GTD Grand International Conference and Exposition Asia (GTD Asia), 19-23 March 2019, Bangkok, pp. 965-969. (DOI: 10.1109/GTDAsia.2019.8715946).
22	Neeraj Kumar Singh and Vasundhara Mahajan, "Fuzzy Logic for Reducing Data Loss during Cyber Intrusion in Smart Grid Wireless Network," IEEE Student Conference on Research and Development (SCOReD), Universiti Teknologi PETRONAS, Perak, Malaysia,15-17 October 2019, pp. 192-197. (DOI: 10.1109/SCORED.2019.8896269).
23	Neeraj Kumar Singh, Vasundhara Mahajan, A. Aniket, S. Pandya, R. Panchal and U. Mudgal, "Identification and Prevention of Cyber Attack in Smart Grid Communication Network," International Conference on Information and Communications Technology (ICOIACT), 24-25 July 2019, Yogyakarta, Indonesia, pp. 5-10. (DOI: 10.1109/ICOIACT46704.2019.8938559).
24	Neeraj Kumar Singh and Vasundhara Mahajan, "Cyber Attack Detection In Smart Grid Substation Using Virtual Range Increment And Trust Weight" in 8th International Conference on Power Systems, (ICPS), 20-22 December 2019, Malaviya National Institute of Technology Jaipur (MNIT), Jaipur, Rajasthan, India.
25	Neeraj Kumar Singh, Praveen Kumar Gupta and Vasundhara Mahajan, "Cyber Intrusion Detection in Smart Grid Using KPCA and Novel Trust Method" IEEE International Conference on Emerging Trends for Smart Grid Automation and Industry 4.0 (ICETSGAI4.0), 5-7 Dec 2019, Birla Institute of Technology (BIT), Mesra, Ranchi. (Springer LNEE).
26	Soumya Mudgal and Vasundhara Mahajan, "Reliability and Active Power Loss Assessment of Power System Network with Wind Energy", 17th IEEE Student Conference on Research and Development (SCOReD), Universiti Teknologi PETRONAS, Perak, Malaysia,15-17 October 2019, pp. 186-191. (DOI: 10.1109/SCORED.2019.8896327).
27	Soumya Mudgal, Atul K. Yadav, Praveen Kumar Gupta and Vasundhara Mahajan, "Impact of Solar and Wind Energy on Reliability of Power System Network", IEEE International Conference on Emerging Trends for Smart Grid Automation and Industry 4.0 (ICETSGAI4.0), 5-7 Dec 2019, Birla Institute of Technology (BIT), Mesra, Ranchi. (Springer LNEE).
28	Soumya Mudgal, Atul K. Yadav and Vasundhara Mahajan, "Reliability Evaluation Of Power System Network With Solar Energy" ICPS 2019, 20-22 December, Malaviya National Institute of Technology (MNIT), Jaipur, India.
29	Anandita Chowdhury, Vasundhara Mahajan, Urvashi Kaushal, Namrata Jariwala and Soumya Mudgal, "Women, Society and Development" International Conference On Gender Equity: Challenges And Opportunities, 19 & 20 December 2019, SardarVallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat – 395007, pp 31-33, ISBN 978-93-5396-182-4.
30	Atul Kumar Yadav and Vasundhara Mahajan, "Transmission System Reliability Evaluation by Incorporating STATCOM in the System Network," 17th IEEE Student Conference on Research and Development (SCOReD), Universiti Teknologi PETRONAS, Perak, Malaysia,15-17 October 2019, pp. 198-203. (Won best paper award) (DOI: 10.1109/SCORED.2019.8896263)
31	Atul Kumar Yadav and Vasundhara Mahajan, "Transmission Line Switching For Loss Reduction And Reliability Improvement," International Conference on Information and Communications Technology (ICOIACT), 24-25 July 2019, Yogyakarta, Indonesia, pp. 794-799. (DOI: 10.1109/ICOIACT46704.2019.8938535).
32	Atul Kumar Yadav and Vasundhara Mahajan, "Reliability Improvement of Power System Network With Optimal Transmission Switching," IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP), Chennai, India, 4-6 July, 2019, pp. 1-6. (DOI: 10.1109/ICESIP46348.2019.8938283).
33	Atul Yadav, Soumya Mudgal and Vasundhara Mahajan, "Reliability Test of Restructured Power System with Capacity Expansion and Transmission Switching" 8th International Conference on Power Systems (ICPS), 20-22 December 2019, Malaviya National Institute of Technology Jaipur (MNIT Jaipur), Rajasthan, India.
34	Ritu Jain and Vasundhara Mahajan, "Impact of seasonal variations on generation cost and social benefit of ISO in presence of renewable energy sources", IEEE International Conference on Emerging Trends for Smart Grid Automation and Industry 4.0 (ICETSGAI4.0),

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	5-7 Dec 2019, Birla Institute of Technology (BIT), Mesra, Ranchi. (Springer LNEE).
35	D. Y. Dube, H. G. Patel, Adaptive Control of Satellite System using Kalman Estimates in the presence of Disturbance, 6 th International Conference on Control, Dynamic Systems, and Robotics (CDSR'19) Ottawa, Canada, 6-7, June, 2019.
36	P. G. Medewar, M. Yadav and H. G. Patel, "A Comparison between Nonlinear Estimation based Algorithms for Mobile Robot Localizations" Proc. of IEEE Int. Conf on IEEE 1 st International Conference on Energy, Systems and Information Processing, IIITDM Kancheepuram, Chennai, July 2019.
37	Jayadeep Srikakolapu, Sabha Raj Arya and Rakesh Maurya. "Algorithm for DSTATCOM using Cascaded Delayed Signal Cancellation effect in Three Wire System," in Prof. of IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP2019),IIITDM, Kancheepuram, Chennai—600127, July 2019, pp.1-6.
38	Sabha Raj Arya, Ashutosh K. Giri, Amin Qureshi, Rakesh Maurya, B.Chitti Babu, "Control Approach to Improve the Power Quality for Effective Utilization of Single Phase Induction Generator," in proc.of 1st IEEE International Conference on Energy Systems and Information Processing (ICESIP) at I.I.T.D.M. Kancheepuram, India, July 2019.
39	Shaikh Mo.Suhel A, Rajan V., Rakesh Maurya, "Modified SVPWM Techniques for Six-Phase Asymmetrical Induction Motor Drives," in proc.of 1st IEEE International Conference on Energy Systems and Information Processing (ICESIP) at I.I.I.T.D.M. Kancheepuram, India, July 04-06, 2019.
40	Kumari Shipra, S.N. cho, Rakesh Maurya, "A Study of Passivity Based Controllers for Switched Electrical Network," in proc.of 1 st IEEE International Conference on Energy Systems and Information Processing (ICESIP) at I.I.I.T.D.M. Kancheepuram, India, July 04-06, 2019.
41	Talada Appala Naidu, Sabha Raj Arya and Rakesh Maurya, "Control of DVR using Variable Step-size Griffith's LMS with Optimized tuning of Proportional Integrator Gains," in Prof. of IEEE Power Electronics Applications &Technology in Present Energy Scenario (PETPES 2019), Aug. 2019, pp.1-7.
42	Jayadeep Srikakolapu, Sabha Raj Arya and Rakesh Maurya, "DSTATCOM using Limit Cycle Oscillator FLL with Optimized Gains of Voltage Error Controllers," in Proc. 1 st International Conference on Innovation in Electrical Power Engineering, Communication, and Computing Technology) for LNEE, Springer, Bhubaneswar, 13 th -14th Dec. 2019, pp.1-13.
43	Sayed Javed Alam and Sabha Raj Arya, "Control of UPQC Through Observer Based System Integrated with Frequency Adaptive Loop and Optimized PI Gains," in Proc. 9 th IEEE Power India International Conference (PIICON-2020), March 2020, pp.1-6.
44	Akhil Raj P. and Sabha Raj Arya, "Solar Fed DC-DC Converter for Small Power Applications," in Prof. of IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP2019),IIITDM Kancheepuram, Chennai – 600127, July 2019, pp.1- 6.
45	Papia Ray, Debani Prasad Mishra and Sabha Raj Arya, "An Intelligent Approach for Protection Coordination of Overcurrent Relay in Smart grid," in Prof. of IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP2019), IIITDM Kancheepuram, Chennai—600127, July 2019, pp.1-6.
46	Debani Prasad Mishra, Papia Ray and Sabha Raj Arya, "Comparative Analysis Of Classification And Location Of Faults In A Long Transmission Line Using Random Forest Technique," in Prof. of IEEE 1 st International Conference on Energy, Systems and Information Processing (ICESIP2019), IIITDM Kancheepuram, Chennai — 600127, July 2019, pp.1-6.
47	Aliva Routray Khyati D. Mistry and Sabha Raj Arya, "Loss Minimization in Distribution System Considering Hourly Data Driven Probabilistic Solar Astronomical Model with GWO Technique," in Prof. of IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP2019), IITDM Kancheepuram, Chennai – 600127, July 2019, pp.1-6.
48	Aliva Routray Khyati D. Mistry and Sabha Raj Arya, "Analysis of Wake Effect on Wind Power Generation for Loss Minimization in Distribution System," in Prof. of IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP2019), IIITDM Kancheepuram, Chennai– 600127, July 2019, pp.1-6.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
49	Akhil Raj P. and Sabha Raj Arya, "Solar-Fed Single-Input Three-Output DC-DC Converters for Low Power applications," in Proc. 1 st International Conference on Innovation in Electrical Power Engineering, Communication, and Computing Technology) for LNEE, Springer, Bhubaneswar, 13 th -14 th Dec. 2019, pp.1-12.
50	Gangireddy Sushnigdha and Aeidapu Mahesh, On Convergence of Pigeon Inspired Optimization Algorithm, Indian control conference (ICC 2019), IIT Hyderabad, pp.1-6, Dec. 2019.
51	Prashant Mishra and Aeidapu Mahesh, Sine cosine algorithm based staircase modulation for cascaded H-bridge inverter, IEEE third international conference on electronics, communication and aerospace technology (ICECA 2019) RVS Techinical campus, Coimbatore, pp. 1-6,12-14, June 2019
52	Shikha Gautam and Aeidapu Mahesh, Sine cosine algorithm based shunt active power filterafor harmonic compensation, IEEE third international conference on electronics, communication and aerospace technology (ICECA 2019) RVS Technical campus, Coimbatore, pp. 1-6,12-14, June 2019.
53	R. Radhakrishnan," Continuous discrete new sigma point Kalman filter", International Conference on Systems, Control and Computing (AISCC-2020), MNIT Jaipur, India, Feb. 27-28, 2020.
54	B. S. Naik, Y. Suresh and J. Venkataramanaiah, "A Single Stage Switched-Capacitor Hexad Boost Multilevel Inverter Featuring Boost Ability," 2020 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE2020), Cochin, India, Jan. 2020, pp. 1-6.
55	Patel, B. and Patel, H. (2019) "A Model Predictive Control with Fault Tolerance Concept to Regulate Hypnosis during Anesthesia", Sixth IEEE Indian Control Conference (ICC), IIT Hyderabad, 18-20 December, 2019.
	Electronics Engineering Department
1	Shrikant Kumbhar, Anand D. Darji, and Harikrishna M. Singapuri," FPGA-Based Implementation of Artifact Suppression and Feature Extraction", Advances in VLSI and Embedded Systems -2019 at SVNIT, Surat, Springer Book, Series Volume: 676 Edition: 1 December 20-21, 2019
2	Krupa Desai, Anand D. Darji, and Harikrishna M. Singapuri," Implementation of High speed, Low Power Modified Vedic Multiplier and Its Application in Lifting based Discrete Wavelet Transform" TENCON 2019 at Kochi, Kerala, IEEE, pp. 2387-2391, October 17-20, 2019
3	Priyank H. Prajapati, Digvijay R. khambe and Anand D. Darji," FPGA Implementation of Modified Clipping Method for Impulsive Noise Cancellation" 5th International Conference on Computational Intelligence and Communication Technology (CICT-2019), Advances in Intelligent Systems and Computing, Springer, Scopus Springer Book,vol No. 1086,pg No. 519-531, 19 June 2020
4	Gayatri Saripalli, Priyank H. Prajapati and Anand D. Darji," CSD Optimized DWT Filter for ECG Denoising" 24th International Symposium on VLSI Design and Test (VDAT 2020), in proceedings IEEE Xplore conference, IEEE, 25,July, 2020
5	Jay Pathak, Anand Darji," Investigation of TCADs Models for Characterization of Sub 16 nm In0.53Ga0.47As FinFET." Advances in VLSI and Embedded Systems -2019 at SVNIT, Surat, Scopus Springer Book, Series Volume: 676Edition: 1, December 20-21, 2019
6	Dinesh Rotake and A. D. Darji," Optimization of MEMS-Based Capacitive Sensor with High-k Dielectric for Detection of Heavy Metal Ions", Advances in VLSI and Embedded Systems - 2019 at SVNIT, Surat, Scopus Springer Book, Series Volume: 676 Edition: 1,pg. No. 41-53, December 20-21, 2019
7	G. G. Soni, A. Tripathi, A. Mandloi and S. Gupta," Outage and SNR Performance of Tropical Optical Wireless Links using Receiver Diversity", 3rd Int. Conf. on Emerging Technology Trends in Electronics, Comm. and Networking (ET2ECN 2020) SVNIT, Surat, India, Scopus, 6 th -8 th February-2020

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
8	Shekhar Kumar Yadav, Dr Jigisha N Patel," Application of Compressed Sensing using a Reed Solomon (RS) code based Deterministic Measurement Matrix", 10 th International Conference On Computing Communication and Networking Technologies(ICCCNT) 2019, IIT Kanpur, IEEE 30 December 2019, DOI: 10.1109/ICCCNT45670.2019.8944449, 6-8 July 2019
9	Rushi Bhatt, Sudhanshusinh Yadav, Jignesh N. Sarvaiya, "Convolutional Neural Network Based Chest X-Ray Image Classification for Pneumonia Diagnosis" International Conference on Emerging Technology Trends in Electronics Communication and Networking ET2ECN 2020, Scopus, page no.254-266,7-Feb 2020,
10	Kirti Inamdar, Prateek Avadh, Upena Dalal,Fractal Metamaterial Inspired MSA for Wearable Devices, Indian Conference on Antennas and Propagation (InCAP), Ahemdabad, Gujarat, IEEExplore, SCOPUS, DOI: 10.1109/InCAP47789.2019.9134528, INSPEC Accession Number: 19767082, 19-22 december 2019
11	Chudasama, Vishal, Heena Patel, Kalpesh Prajapati, Kishor P. Upla, Raghavendra Ramachandra, Kiran Raja, and Christoph Busch, TherlSuRNet - A Computationally Efficient Thermal Image Super-Resolution Network', In <i>Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) Workshops</i> , Page no. 86-87.
12	Vasu Eranki, Vishal Chudasama and Kishor Upla," Predicting the time left to Earthquake using Deep Learning Models" International Conference on Information Management and MachineIntelligent (ICIMMI), December 14-15, 2019
13	Kalpesh Prajapati, Vishal Chudasama, Kishor Upla," A Light Weight Convolutional Neural Network for Single Image Super-Resolution" Procedia Computer Science, vol no.171, 139-147.
14	Rai, Aashish, Vishal Chudasama, Kishor Upla, Kiran Raja, Raghavendra Ramachandra, and Christoph Busch, ComSupResNet: A Compact Super-Resolution Network for Low-Resolution Face Images, 8th International Workshop on Biometrics and Forensics (IWBF),1-6.
15	Prajapati, Kalpesh, Vishal Chudasama,Heena Patel, Kishor Upla, Raghavendra Ramachandra, Kiran Raja, and Christoph Busch,"Unsupervised single image superresolution network (usisresnet) for real-world data using generative adversarial network",Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)Workshops,464-465.
16	Kalpesh Prajapati, Vishal Chudasama, Heena Patel, Kishor Upla, Raghavendra Ramachandra, Kiran Raja, Christoph Busch, Unsupervised Single Image Super-Resolution using Cycle Generative Adversarial Network, 3rd International Conference on Intelligent Technologies and Applications (INTAP), NTNU, Gjøvik, Norway, September 27-30, 2020.
17	Kalpesh Prajapati, Vishal Chudasama, Heena Patel, Kishor Upla, Raghavendra Ramachandra, Kiran Raja, Christoph Busch, "Unsupervised Real-World Super-Resolution using Variational Autoencoder And Generative Adversarial Network",25th International Conference on Pattern Recognition (ICPR)
18	Rai, Aashish, Rashmi Karnani, Vishal Chudasama, and Kishor Upla,"An End-to-End Real- Time Face Identification and Attendance System using Convolutional Neural Networks",IEEE 16th India Council International Conference (INDICON),1-4.
19	Heena Patel, Kalpesh Prajapati, Vishal Chudasama and Kishor P. Upla,"An Approach for Fusion of Thermal and Visible Images"3rd International Conference on Emerging Technology Trends in Electronics Communication and Networking (ET2ECN),7-8 February, 2020.
20	Meghal Darji, Jaivik Dave, Nadim Asif, Chirag Godawat, Vishal Chudasama, Kishor Upla: "Licence Plate Identification and Recognition for Non-Helmeted Motorcyclists using Light-weight Convolution Neural Network", International Conference for Emerging Technology (INCET 2020),5-7 June 2020.
21	Chandresh Sindal, V. Yesu Dasu, Piyush N. Patel,"Performance Analysis of Surface Plasmon Resonance Sensor having Multi layers Structures of MoS2 and Graphene in NIR region",3rd International Conference on Electronics, Materials Engineering & Nano-Technology-2019 (IEMENTECH-2019), Kolkata, 2019.Web of Science,1-4,August 2019.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
22	Kalindi S. Shinde, Shweta Shah & Piyush Patel, A review on opportunities and challenges of Nano antenna for THz communication. International Conference On Computing, Communication, Control And Automation (ICCUBEA), PCCOE, Pune, IEEE Xplore Scopus, 1-4,19-21st Sept. 2019
23	Gheewala S.M. Rasika Dhavse, P. N. Patel, Fabrication of Macro Porous Silicon Structures Using Pulsed Fiber Laser Technique for Capacitive Sensor Application. ,Emerging Technology Trends in Electronics, Communication and Networking Third International Conference, ET2ECN 2020. Scopus, 1214, 1214, 7-8 February 2020.
24	Paresh Sagar, Piyush Patel,""Design and Analysis of Miniaturized Double Negative Metamaterial in Microwave S-Band for Sensing Applications",3rd International Conference on EMERGING TECHNOLOGY TRENDS in ELECTRONICS COMMUNICATION and NETWORKING (ET2ECN 2020),Scopus, pg. no.1-4, 7-8 February 2020.
25	Raj Shah, Rutu Parekh and Rasika Dhavse, Island Engineering of Single-Electron Transistor for Room Temperature Operation", International Conference on Advances in VLSI & Embedded Systems (AVES-2019), SVNIT, Surat, Gujarat, India, SCOPUS, 29, Dec. 20 - 21, 2019.
26	Raj Shah, Rutu Parekh and Rasika Dhavse,"Strategy for Designing Single Electron Transistors",3rd International Conference on Emerging Technology Trends in Electronics Communication and Networking (ET2ECN-2020), SVNIT, Surat, Gujarat, India,SCOPUS,Feb. 07 - 08, 2020.
27	Raj Shah, Rutu Parekh and Rasika Dhavse,"Ultra-low-power Novel Hybrid SETMOS Logic Circuits using Single-Gate Single Electron Transistor (SG-SET) working at Room Temperature",Symposium on Frontier Problems in Nanoscience and Nanotechnology, IIT Gandhinagar, Gujarat, India,22,Feb. 14 - 15, 2020.
28	S. Sruthi, R. Dhavse, and J. N. Sarvaiya,"Automated simulator for the validation of bio-impedance devices"International Conference on Advances in VLSI & Embedded Systems (AVES-2019), SVNIT, Surat, Gujarat, India,SCOPUS,pg no.20,Dec. 20 - 21, 2019.
29	S. Sruthi, R. Dhavse, and J. N. Sarvaiya,"Expert system based quality assessment of fruits and vegetables through bio-impedance measurement",3rd International Conference on Emerging Technology Trends in Electronics Communication and Networking (ET2ECN-2020), SVNIT, Surat, Gujarat, India,SCOPUS,Feb. 07 - 08, 2020.
30	Sudhanshu Janwadkar and Rasika Dhavse,"Quantitative and Qualitative Analysis of Parallel Prefix Adders",International Conference on Advances in VLSI & Embedded Systems (AVES-2019), SVNIT, Surat, Gujarat, India,SCOPUS, pg. no.34,Dec. 20 - 21, 2019.
31	Ankur Sharma, Rasika Dhavse, Yash Agrawal, Rutu Parekh, Design of prominent single precision 32-bit floating point adder using single electron transistor operating at room temperature, International Conference on Advances in VLSI & Embedded Systems (AVES-2019), SVNIT, Surat, Gujarat, India, SCOPUS
32	Pooja Bhamre, Dr. S. Gupta,"Jaya Optimized Poly Phase Coded Waveform Design for MIMO Radar"World Conference on Innovations in Management, Science and Engineering WCISE'2019:ICFAI University, Dehradun, Uttarakhand, India,Proceeding Web of Science,April 25- 26, 2019
33	Gandhi Divyangna and Gupta Shilpi,Evaluation of Gain and Noise Figure spectrum of EDFA by optimizing its parameters with different Pumping schemes in the scenario of DWDM System, 3rd Int. Conf. on Emerging Technology Trends in Electronics, Comm. and Networking (ET2ECN 2020) SVNIT, Surat, India,Proceeding Web of Science,Feb 7-8, 2020.
34	Chhaya Suratwala, Shilpi Gupta, Abhilash Mandloi and Pranav Lapsiwala, Experimental study on Etching of FBG for sensing Application, 3rd Int. Conf. on Emerging Technology Trends in Electronics, Comm. and Networking (ET2ECN 2020) SVNIT, Surat, India, Proceeding Web of Science, Feb 7-8, 2020.
35	Monika Gambhir and Shilpi Gupta,Long Period Fiber Grating Sensors Design Optimization using Jaya Algorithm, 3rd Int. Conf. on Emerging Technology Trends in Electronics, Comm. and Networking (ET2ECN 2020) SVNIT, Surat, India,Proceeding Web of Science,Feb 7-8, 2020

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
36	
37	Mitesh Solanki, Shilpi Gupta, A Comparative Evaluation of Low Complexity LAS Detection Algorithm for Massive MIMO System,3rd Int. Conf. on Emerging Technology Trends in Electronics, Comm. and Networking (ET2ECN 2020) SVNIT, Surat, India, Proceeding Web of Science, Feb 7-8, 2020
38	Surya Gupta, Darshna D. Jagiwala and Shweta N. Shah, Characterization of Interfering Signal in S band of IRNSS, Proceeding of the Second International Conference on Microelectronics, Computing & Communication Systems (MCCS 2017) by springer, Scopus, 476, 211-222, 13 May 2017 - 14 May 2017 Published in 2019
39	Akriti Jaiswal, A.krishnma Raju, Suman Deb,Facial Emotion Detection using Deep Learning,2020 IEEE International Conference for Emerging Technology (INCET) ,and Belgaum, India,Scopus,Vol. 676,183-200,20-21 Dec.,2019
40	N. K. Kabra and Z. M. Patel, Low Power Radix-8 Modulo 2n + 1 Multiplier Using Modified Weighted Method, AVES 2019, SVNIT Surat, Scopus, Vol. 676, 183-200, 20-21 Dec., 2019.
41	Dharmesh Patel, Pinalkumar Engineer, Ninad Bhatt, Image Communication Using QuasiCyclic LowDensity ParityCheck (QCLDPC) Code, International Conference in Advances in VLSI and Embedded Systems-2019, ECED, SVNIT Surat, 211- 221, December 20-21, 2019
	Mechanical Engineering Department
1	Sujith Naik, Soham Teraiya, Swapnil Vyavahare, Shailendra Kumar, Investigation on influence of process parameters on tensile strength in fused deposition modelling of PLA parts, In 5th International Conf. on Industrial Engineering (12-14 December, 2019), SVNIT, Surat, India. pp. 718-723.
2	Santoshkumar V. Wagh, Dhananjay V. Bhatt, Jyoti V. Menghani and Shivnanda S. Bhavikatti Effects of laser hardening process parameters on hardness depth of Ck45 steel using Taguchi's optimization technique,2nd International Conference on Emerging trends in Manufacturing, Engines and Modelling (ICEMEM -2019) Mumbai, IndialOP Conference Series: Materials Science and Engineering Volume 810 23-24 December 2019,
3	Udaykumar V Saindane, Sandeep Soni and Jyoti V Menghani Recent research status on modern friction materials-an Overview Udaykumar V Saindane1, Sandeep Soni2 and Jyoti V Menghani 2nd International Conference on Emerging trends in Manufacturing, Engines and Modelling (ICEMEM -2019) Mumbai, IndiaIOP Conference Series: Materials Science and Engineering Volume 810 23-24 December 2019
4	UV Saindane, S Soni, JV MenghaniRecent research status on synthesis and characterization of natural fibers reinforced polymer composites and modern friction materials—An overview Materials Materials Today: Proceedings, 2020 Volume 26, Part 2, 2020, Pages 1616-1620 International Conference on Materials Manufacturing and Characterization 10th ICMPC February - 2020, GLA Mathura
5	Santoshkumar V. Wagh, Dhananjay V. Bhatt, Jyoti V. Menghani, Sujit S. Pardeshi and Bhagyesh B. Deshmukh Experimental investigation and effects of laser hardening process parameters on microhardness of En24 steel, International Conference on Sustainable Innovations in Civil & Mechanical Engineering, 02-04 January 2020, Pandharpur, Maharashtra, IndialOP Conference Series: Materials Science and Engineering, Volume 814
6	Akash Vyas, Nikhil Fulari, J,V Menghani "EXPERIMENTAL INVESTIGATION OF AA6061 COMPOSITE REINFORCED WITH TI POWDER FABRICATED BY FRICTION STIR PROCESSING 7TH INTERNATIONAL CONFERENCE On Advancements and Trends in Mechanical and Materials Engineering AFTME 2019 5th -7th Dec 2019 (ONLY PRESENTED)
7	Akash Vyas, Pringal Patel, Satish More, J, V Menghani Characterization of laser cladded high entropy alloy coatings-a review 7TH INTERNATIONAL CONFERENCE On Advancements and Trends in Mechanical and Materials Engineering AFTME 2019 5th -7th Dec 2019 (ONLY PRESENTED)

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
8	Prajal Nandewalia, Sandeep Soni and J.V Menghani Coating on surface by different method-a review 7TH INTERNATIONAL CONFERENCE On Advancements and Trends in Mechanical and Materials Engineering AFTME 2019 5th -7th Dec 2019 (ONLY PRESENTED)
9	RV Rao and RB Pawar, Optimal Weight Design of a Spur Gear Train Using Rao Algorithms, Intelligent Computing Applications for Sustainable Real-World Systems: Intelligent Computing Techniques and their Applications, Springer International Publishing, 351-362, 2020.
10	Marathe, S. and Raval, H, Study on Forming Behaviour of Friction Stir Welded Blanks During Single Point Incremental Forming (SPIF) Process. MSEC 2020, Cincinati, USA. ASME. 2020.
11	Raut, J., Marathe, S. and Raval, H., Numerical Investigation on Single Point Incremental Forming (SPIF) of Tailor Welded Blanks (TWBs). In Advances in Simulation, Product Design and Development, Springer, Singapore, (pp. 43-54), 2020.
12	Marathe, S. and Raval, H., FE Analysis of Single Point Incremental Forming (SPIF) for Tailor Welded Blanks (TWBs). In Advances in Computational Methods in Manufacturing, Springer, Singapore, (pp. 49-63), 2019.
13	Marathe, S. and Raval, H., Investigation on Tensile Testing of Tailor Welded Blanks (TWBs)—A Simulation Study. In Advances in Computational Methods in Manufacturing, Springer, Singapore, (pp. 13-23), 2019.
14	Killi Sai Dhruthi, Keyur P. Desai, Harit K. Raval, "Parametric Study of Non-axisymmetric stretch flanging process on AA-6061-T6 sheet, International Conference on Recent Advances in Manufacturing (RAM 2020).
15	Bhavin Desai, Shalin Marathe, Keyur P. Desai, Harit K. Raval, "Experimental Investigation and Effects of Process Parameters on Forming Time and Forming Accuracy in Incremental Sheet Forming", International Conference on Recent Advances in Manufacturing (RAM 2020).
16	Sumit Patel, Shalin Marathe, Keyur P Desai, Harit K Raval, "Effect of Friction Stir Welding Process Parameters on Tensile Strength and Forming Height of Tailor Welded Blanks", International Conference on Recent Advances in Manufacturing (RAM 2020).
17	Jaydeep B. Bhatt, Ravi J. Bhatt, Keyur P. Desai, Harit K. Raval, "Effect of Operating Parameters on Forces during Backward Flow Forming Process for AA6061", International Conference on Recent Advances in Manufacturing (RAM 2020).
18	Himanshu V. Patel, Vijay Dodiya, Sarthak Bhavsar, Naman Kansara, Nikhil Murarka, Keyur P. Desai, Harshit K. Dave, "Mechanical behavior and In situ process monitoring by Acoustic Emission sensor during Ultrasonic Metal Welding, International Conference on Recent Advances in Manufacturing (RAM 2020).
19	Naisarg H. Sagathiya, Ashish R. Prajapati, Keyur P. Desai and Harshit K. Dave, "ANFIS based Prediction Model for Tool Wear Criteria during Orbital Electrical Discharge Machining of Ti6Al4V", International Conference on Recent Advances in Manufacturing (RAM 2020).
20	Vratraj Joshi, Bhavin Desai, Shalin Marathe, Keyur Desai, Harit Raval, "Development of Macro Program for Improving Machining Characteristics of Logarithmic Spiral on CNC Machining Center, International Conference on Recent Advances in Manufacturing (RAM 2020).
21	S. M. Mehta, R. M. Damle, K. P. Desai, H. B. Naik, "Theoretical and Experimental Study of Coiled Finned tube Heat exchanger for Helium Liquefaction Plant", IOP Conference Series: Materials Science and Engineering 502 (2019) ICEC-ICMC 2018
22	Digant S Mehta, Manish K Rathod, Jyotirmay Banerjee, Accelerated charging of PCM in horizontal latent heat storage unit using different multitube arrangement, 11th International Conference on APPLIED ENERGY(ICAE 2019), August 12-15, 2019, Västerås, SWEDEN (Presented under ITS Scheme of SERB, Govt. of INDIA)
23	Dnyandip K. Bhamare, Manish K. Rathod, Jyotirmay Banerjee. Numerical investigation on melting of Nano enhanced Paraffin wax as a phase change material". Proceedings of the 25thNational and 3rd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTC-2019), December 28-31, 2019, IIT Roorkee, Roorkee, India

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
24	PranayParmar and Tushar N Desai. (2019), Ranking the Enablers of Sustainable Lean Six Sigma Implementation in the Indian Manufacturing Organization, 61st National Convention and 5th International Conference on Industrial Engineering ICIE-2019, SVNIT, Surat, December, 12-14.
25	Jay Vegad, Meet Solanki and Tushar N. Desai. (2019), Productivity Improvement through Application of 5s and Kaizen: A Case of Indian Organization, 61st National Convention and 5th International Conference on Industrial Engineering ICIE-2019, SVNIT, Surat, December, 12-14.
26	Javed Malek and Tushar N Desai. (2019), Prioritisation of Sustainable Manufacturing Barriers(SMB's) Using Fuzzy AHP, 61st National Convention and 5th International Conference on Industrial Engineering ICIE-2019, SVNIT, Surat, December, 12-14.
27	Dave H. R., Sutaria B. M., Patel B,"Influence of nozzle hole diameter on combustion and emission characteristics of diesel engine under pilot Injection mode" 2nd international conference on emerging trends in manufacturing, engine and modelling [ICEMEM -2019], Sirpur, Maharashtra
28	Parekh A.D. Patel Vimal, Bagre Nitin, "Effect of different refrigerant for a design of 5 MW OTEC Power Plant at Gulf of Kutch", Proceeding of the 25th National and 3rd International ISHMT-ASTFE, Heat and Mass Transfer conference (IHMTC-2019), I/T Roorkee, India, December 28-31,2019.
29	Neeraj Verma, Beena D. Baloni; An Ann Based Prediction Model for Predicting the Aerodynamic Characteristics of Two-Dimensional Airfoil for Wind Turbines, AP- SDEWES 2020 conference at Gold Coast
30	N. Kashyap, S Rao, K. Saicharan, A. Reddy, R Shetty, Neeraj Verma, Beena D. Baloni; Optimized Balloon Model for High-Altitude Airborne Wind Turbine, AP- SDEWES 2020 conference at Gold Coast
31	Vaishak S, Bhale PV. Performance Analysis of Double Glass Water Based Photovoltaic/Thermal System,7th International Conference on Advances in Energy Research (ICAER 2019), Dec 2019 IIT Bombay.
32	Prajapati A. R., Dave H. K., Rajpurohit S. R. and Raval H. K., 2019, "Surface Roughness and Circularity Error Analysis of 3D Printed Part", In Proceeding of 11th International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 11) held at IIT Indore during December 12-14, 2019.
33	Patel B. H., Dave H. K., Rajpurohit S. R., Prajapati A. R. and Kumbhani C. B., 2019, "Experimental and Simulation study on Tensile behavior of FDM printed parts", In Proceeding of 11th International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 11) held at IIT Indore during December 12-14, 2019.
34	Dave H. K., Prajapati A. R., Rajpurohit S. R., Wadhwana M., Bhatia A., Amarya S., Hardikar A. And Mistry D., 2019, "Enhancement of flame-retardant properties of 3D printed ABS parts", In Proceeding of 11th International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 11) held at IIT Indore during December 12-14, 2019.
35	Kumbhani C. B., Dave H. K., Patel H. V., Patel B. H., 2019, "Fabrication and Tensile Testing Of Jute and Flax Fiber Reinforced Composites Using VARTM Process", In Proceeding of 11th International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 11) held at IIT Indore during December 12-14, 2019.
36	Patel H. V. and Dave H. K., 2019, "Permeability Study in VARTM Process", In Proceeding of 11th International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 11) held at IIT Indore during December 12-14, 2019.
37	Rupesh D. Shah and Mayank Shah, "Effect of geometrical parameters of extended surface on heat transfer and flow characteristics", 25th National and 3rd International ISHMT-ASTFE Heat and Mass Transfer Conference IHMTC-2019, 28-31 December 2019, IIT Roorkee
38	Digant Mehta, Manish Rathod, Jyotirmay Banerjee. Accelerated Charging of PCM in Horizontal Latent Heat Storage Unit Using Different Multitube Arrangement. International

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	Conference on Applied Energy. Aug 12-15, 2019, Västerås, Sweden.
39	Rahul Kumar, Achchhe Lal, Jeeoot Singh and B.N. Singh, Bending response of elastically supported FGM plate using MQ-RBF method under patch load, Energy environment and material sciences, 41, 2019.
40	Achchhe Lal, B. M Sutaria and Rahul Kumar, Stress concentration factor response of laminated composite sandwich plate with elliptical notches, Energy environment and material sciences, 48, 2019.
41	Achchhe Lal, Kundan Mishra and Kanif Markad, Stochastic single edge crack FGMs plates subjected to uniaxial tensile loading using XFEM, Energy environment and material sciences, 49, 2019.
42	Patel, V.M., Srivastava, A., and Singh, S., Development of Monte Carlo Model to Study Light Transport in Multilayered Tissue Phantom, Proceeding of the 25th National and 3rd International Heat and Mass Transfer Conference, IHMTC2019, IIT Roorkee, Roorkee, Uttarakhand, India, 8, 2019
43	Patel, V.M., and Talukdar, P., Determination of Effective Thermal Conductivity of few Representative Open Cell Foam Structures, Proceeding of the 25th National and 3rd International Heat and Mass Transfer Conference, IHMTC2019, IIT Roorkee, Roorkee, Uttarakhand, India, 8, 2019
44	Nain S.S., Rathi R., Srinivasa Varma B., Panthangi R.K., Kumar A. (2020) Machine Learning Application for Pulsating Flow Through Aluminum Block. In: Krolczyk G., Prakash C., Singh S., Davim J. (eds) Advances in Intelligent Manufacturing. Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-15-4565-8_17
45	Amrut Mulay, B. Satish Ben, Syed Ismail, "Lubrication and post forming material characterization in incremental sheet forming process: Experimental investigations", Virtual IDDRG 2020 Conference, 25-29 Oct. 2020, Busan, South Korea)
46	N. A. Baraiya and S. R. Chakravarthy, The Role of Mean Flame Anchoring on the Stability Characteristics of Syngas, Synthesis Natural Gas, and Hydrogen Fuels in a Turbulent Non-Premixed Bluff-Body Combustor, ASME Turbo Expo 2019. Phoenix, AZ, USA. ASME, GT2019-91981, V04BT04A054

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

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	Applied Chemistry Department
1	Meenakshi Paswan and B. Z Dholakiya, Synthesis of Poly (Lactic Acid) Bio-nanocomposite Films using Different Catalyst, 3 rd National Conference in Chemicstry (NCONC-2020) organized by IIT, Gandhingar from 12-13 February-2020.
2	Meenakshi Paswan and B. Z Dholakiya, Synthesis of Poly (Lactic Acid) Films for Biomedical Applications, National Conference on Advances in Chemical Sciences and Technology for Environment and Sustainability (ACSTS-2020) organized by Applied Chemistry Department, SVNIT, Surat on 27 th February-2020.
3	Abhishek Soni, B. Z Dholakiya, A novel quantum dots labeled-ultra sensitive multiplex immunoassay for the diagnosis of infectious diseases, National Conference on Advances in Chemical Sciences and Technology for Environment and Sustainability (ACSTS-2020) organized by Applied Chemistry Department, SVNIT, Surat on 27th February-2020.
4	K. Suresh Kumar, Mandan VishnuVardhan, Mittal L. Desai, Tae-Jung Park,Fluorescence detection of monocrotophos using carbon dots derived from Ziziphus fruit, 1st Agrochemicals Congress 2019: Country's Status on Various Fronts of Agrochemicals", Society of Pesticide Science India, Division of Agriculture Chemicals, ICAR-Indian Agriculture Research Institute, New Delhi, November 13-16, 2019.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
5	Suban K Sahoo, Generating white-light emission from a single nano-assembly with its potential application in the detection of alkaline phosphatage activity in biological samples, 33 rd Annuan conference of Orissa Chemical Society, VSSUT, Burla, Sambalpur, Odisha, 24 th -25 th December 2019.
6	Rishav Krishna, Henilkumar M. Lankapati, Hemant Parmar, Aayushi Lodhi and Kalpana. C. Maheria, Poster Presentation: Paper entitled, 'Green Synthesis of Bio-Potent Oxazinones via Multi-Component Reaction Over Zeolite H-BEA and H-ZSM-5 Catalysts', presented at, One day workshop of "Industrial Catalysis – ICAT 2019", on 23rd November 2019, Saturday, organized by The M. S. University of Baroda, held at Grand Mercure (Surya Palace) Vadodara, Gujarat, India.
7	Henilkumar. M. Lankapati, Dharmesh R. Lathiya1, Aayushi Lodhi1, Lalita Choudhary, Ajay K. Dalai, Kalpana C. Maheria, Poster Presentation: Paper entitled, "Synthesis and charactersition of modernite type zeolite from waste coal fly ash and its application as an absorbent, presented on 16th – 19th December 2019, at The 72 nd Annual Session of IIChE and Indian Chemical Engineering Congress, CHEMCON 2019, Organized by, Northern Regional Centre, IIChE and Department of Chemical Engineering, IIT, Delhi.
8	Henilkumar Lankapati, Lalita Choudhary, Kalpana Maheria, Poster Presentation: Paper entitled, "Assessment of Water Quality of Creeks' of Ankleshwar Region through Water Quality Index", presented at one day national conference on Advances in Chemical Sciences and Technology for Environment and Sustainability (ACSTES – 2020) held on 27th February 2020, organized by, Applied Chemistry Department, SVNIT, Surat, Gujarat, India.
9	Krutarth Kotecha, Aayushi Lodhi, Dhara Morawala, Kalpana Maheria, Poster Presentation: Paper entitled, "Environmentally benign synthesis of n-pentyl levulinate over H-BEA zeolite catalyst via levulinic acid esterification: A systematic study", presented at One day national conference on Advances in Chemical Sciences and Technology for Environment and Sustainability (ACSTES – 2020) held on 27th February 2020, organized by, Applied Chemistry Department, SVNIT, Surat, Gujarat, India.
10	Dhara Morawala, Ajay Dalai, Kalpana Maheria Poster Presentation: Paper entitled, "A comparative study of physico-chemical characteristics of modified zeolite H-BEA catalysts prepared using different cationic surfactants, , presented at One day national conference on Advances in Chemical Sciences and Technology for Environment and Sustainability (ACSTES – 2020) held on 27th February 2020, organized by, Applied Chemistry Department, SVNIT, Surat, Gujarat, India.
11	Zala, A.R., and Kumari, P., Benzathiazole analogs as biologically Active agents, 3rd National Conference in Chemistry (NCONC) national Conference on "Chemistry" to be held on February 12-13, 2020 in Indian institute of technology-Gandhinagar (IIT-GN), Gujarat. (Poster)
12	Zala, A.R., and Kumari, P. Electrophilic Cyanation of 4-Hydroxy Coumarin utilizing N-Cyano-N-phenyl-p- toluenesulfonamide (NCTS), Advances in Chemical Sciences and Technology for Environment and Sustainability" (ACSTES-2020), to be held on, 27th February 2020 at SVNIT, Surat, organized by, Applied Chemistry Department, SVNIT, Gujarat. (Poster)
13	Patel K.B. and Kumari P., Biological significance of piperidine analogs, Advances in Chemical Sciences and Technology for Environment and Sustainability" (ACSTES-2020), to be held on, 27th February 2020 at SVNIT, Surat, organized by, Applied Chemistry Department, SVNIT, Gujarat. (Poster)
	Applied Mathematics and Humanitites Department
1	Twinkle R. Singh had Presented, entitled on "Study on Epidemic Spread Model" in Social Science & Management Welfare Association Vikramaditya College, Jabalpur, M.P. (India), International Conference (Webinar on Women Empowerment-2020, 31/05/2020, Online mode.

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	Chemical Engineering Department
1.	Himanshu P. Kohli,Smita Gupta, Mousumi Chakraborty, Studies on the removal of endocrine disrupting compounds from aqueous streams by Emulsion liquid membrane and hollow fiber supported liquid membrane. Internation conference on Advances in Chemical Engineering - 2020 (AdChE-2020), University of Petroleum and Energy Studies, Dehradun. Date- February 2020
	Civil Engineering Department
1	Sonaviya, D., Yadav, M., Tandel B., "Noise Monitoring and Assessment for One of the Residential Zone of Tier II city (Surat) of India", National Conference on Pollution Control Technologies and Sustainable Development, NIT Jaipur. Paper ID OP-17, Page No – 25, Oct-2019.
2	Yadav, M., Sonaviya, D., Tandel B., "Effect of Traffic Noise Pollution on Individuals working in Busy Commercial Areas of Tier II City of India", National Conference on Pollution Control Technologies and Sustainable Development, NIT Jaipur. Paper ID P-14, Page No – 22, Oct-2019.
3	Vipul Nagawase, Chintaman Bari Yogeshwar Navandar, A Dhamaniya and BV Khode "Waiting Time Analysis at Manually Operated Toll Plazas under Mixed Traffic Conditions" Second ASCE India Conference on Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE 2020). www.asceie2020.org, 2020.
4	Hareshkumar Dahyabhai Golakiya and A Dhamaniya "Development of pedestrian crossing facility warrants for urban midblock crosswalks based on vehicular delay" 5 th Conference of Transportation Research Group of India (CTRG), Available Online, 2019.
5	Chintaman Bari, Yogeshwar Navandar, A Dhamaniya "Analysis of Vehicle Specific Acceleration and Deceleration Characteristics at Toll Plazas in India" 5 th Conference of Transportation Research Group of India (CTRG), Available Online, 2019.
6	Chintaman Bari, Yogeshwar Navandar, A Dhamaniya "Emission Modelling at Manually Operated Toll Plazas under Mixed Traffic Conditions" 5 th Conference of Transportation Research Group of India (CTRG), Available Online, 2019.
7	Adersh T, A Dhamaniya "Estimation of Vehicular Speed on Urban Arterial Road Using k-Nearest Neighborhood(kNN) and Kriging – Based Approaches" 5 th Conference of Transportation Research Group of India (CTRG), Available Online, 2019.
8	Mahindra Deshmukh, A Dhamaniya "Lateral Placement of Vehicles under Mixed Traffic in Indian Urban Scenario" 5th Conference of Transportation Research Group of India (CTRG), Available Online, 2019.
9	Ritvik Chauhan, A Dhamaniya, S S Arkatkar "Control Delay Estimation at Signalized Intersection using Trajectory data" 5th Conference of Transportation Research Group of India (CTRG), Available Online, 2019.
10	Tejaswani Shukla, Mohit Mistry, Chandresh Solanki, Sanjay Kumar Shukla, Shruti Shukla "Influence of randomly distributed waste tire fibres on swelling behaviour of expansive soils in Surat", In: Madhavi LathaGali and Raghuveer Rao P. (eds) Problematic Soils and Geoenvironmental Concerns. 978-981-15-6236-5, 484457_1_En, (Chapter 27). Lecture Notes in Civil Engineering, Vol 88. Springer, Singapore. Scopus Indexed, 2020
11	Deepshikha Shukla, CH Solanki "1D Ground Response Analysis at different sites at Indore" published as a Book Chapter in Lecture Notes in Civil Engineering, Vol. 86, Raghuveer Rao P. and Madhavi LathaGali (Eds): GEOHAZARDS, 978-981-15-6232-7, 484459_1_En (46), Springer, Singapore Scopus Indexed, 2020
12	Badaradinni, B. M., Hulagabali, A. M., Solanki, C. H., & Dodagoudar, G. R. (2019). Experimental study of heave control technique for expansive soil using micropiles and geotextile layers. In Lecture Notes in Civil Engineering (Vol. 14, pp. 35–43). Springer. https://doi.org/10.1007/978-981-13-0559-7_5, 2019
13	Amashi, A. R., Hulagabali, A. M., Solanki, C. H., & Dodagoudar, G. R. (2019). Landslide risk assessment and mitigation—A case study. In Lecture Notes in Civil Engineering (Vol. 15, pp. 249–258). Springer. https://doi.org/10.1007/978-981-13-0562-7_27, 2019

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
14	Mistry M., Venkateswarlu P., Shukla S., Solanki C., Shukla S.K. (2020) Effect of Placement of Waste TyreFibres on Unconfined Compressive Strength of Clayey Soil. In: Shukla S., Barai S., Mehta A. (eds) Advances in Sustainable Construction Materials and Geotechnical Engineering. Lecture Notes in Civil Engineering, vol 35. Springer, Singapore, 2020
15	S A Konnur, A M Hulagabali, C H Solanki, G R Dodagoudar (2019), "Numerical Analysis of MSE wall using Finite Element and Limit Equilibrium Method", pp. 199-205, Soil Dynamics and Earthquake Geotechnical Engineering, Lecture Series in Civil Engineering, Springer, Singapore, 2019
16	Joshi, A., Solanki, C. H. (2019). Bioenzymatic-lime stabilization of different soils. In Lecture Notes in Civil Engineering (Vol. 29, pp. 381–392). Springer. https://doi.org/10.1007/978-981-13-6713-7_30, 2019
17	Lad V H, Patel D A, Chauhan K A, Assessment of Bridge resilience using analytical hierarchy process, 2 nd ASCE India Conference, 2020
18	Jayesh Juremalani, Krupesh A Chauhan, Assessment of Urban Accessibility using Mlti criteria Decision Making techniques, 2 nd ASCE India Conference, 2020
19	Jayesh Juremalani, Krupesh A Chauhan, Sustainable and Resilient Public Transport System- Global Scenario and Planning Process, 2 nd ASCE India Conference, 2020
20	Rakeshkumar Tiwari, Krupesh A Chauhan, Strategies and Analysis of RERA acros a few state in India, 6th Emerging trends in Civil Engineering.
21	Sandeep Kumar Mishra, Kunwar. D. Yadav, Effect of particle size reduction on composting of garden waste using in-vessel composting. ACSTES SVNIT Surat. 27th Feb 2020.
22	Anuj Chandiwala, Milan Savaliya and Sandip Vasanwala, Soil-Structure Interaction on Pile Raft Foundation in Multi-Storey RC Building with Vertical Irregularity, Indian Geotechnical Conference, Surat, pp. 2318-2326, 2019
23	S. Patel, Amruta Joshi and Hrishkesh Shahane, Innovative steps for effective utilization of flyash, <i>Indian Power Stations- 2020, Raipur,NTPC</i> , 2020
24	R. R. Pai; M. D. Bakare; S. Patel; J. T. Shahu, Early performance of flexible pavement constructed with industrial wastes in base and sub-base layers, <i>Indian Geotechnical Conference</i> —2019, Surat, Indian Geotechnical Society, 2019
25	Rohan Deshmukh, S.Patel and J. T. Shahu, The Relevance of Geogrid Reinforcement in Flexible Road Pavement: A Review, <i>Indian Geotechnical Conference</i> —2019, Surat, Indian Geotechnical Society, 2019
26	N Vasudevan, N Gore, R Zope, S Arkatkar, G Joshi: Investigating habit in travel mode preferences for heterogeneous travelers. 5 th Conference of Transportation Research Group (TRG), 18 th -21 st December, 2019, Bhopal, India.
27	V Singh, N Gore, S Arkatkar, G Joshi, A Bhaskar: Estimating vehicle occupancy using Wi-Fi sensors-A Study on Mahatma Gandhi Expressway. 5 th Conference of Transportation Research Group (TRG), 18 th -21 st December, 2019, Bhopal, India.
28	N Raju, S Arkatkar, G Joshi: A Methodological framework for modeling mixed traffic with different car following models. 5 th Conference of Transportation Research Group (TRG), 18 th -21 st December, 2019, Bhopal, India.
29	N Raju, S Araktkar, G Joshi: Assessment of Supervised Machine Learning Models for modelling mixed traffic driving behaviour. 5 th Conference of Transportation Research Group (TRG), 18 th -21 st December, 2019, Bhopal, India.
30	N Raju, A Jain, S Arkatkar, G Joshi: Framework for identifying potential rear —end collisions using trajectory data under heterogeneous traffic conditions. 5 th Conference of Transportation Research Group (TRG), 18 th -21 st December, 2019, Bhopal, India.
31	S Sharma, S Arkatkar, G Joshi: Designing signal control for closely spaced complex urban intersections: A case study of Surat City. 5 th Conference of Transportation Research Group (TRG), 18 th -21 st December, 2019, Bhopal, India.
32	S Arkatkar, S Velmurugan, Ashish Verma, Select Proceedings of Recent Advances in Traffic Engineering, Lecture Notes in Civil Engineering (LNCE) Springer

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
33	Tom V Mathew, G Joshi, N R Velaga, S Arkatkar, Select Proceedings of 4th Conference of the Transportation Research Group of India, Lecture Notes in Civil Engineering (LNCE) Springer
34	Vinod Panchal, G. R. Vesmawala, "Effect of Aggregate Ratio Using Non-pozzolanic Mineral Waste on property of SCC", Springer International Conference on Resent Trends and Innovation in Civil Engineering. Medicap- University-Indore. Sept. 2019.
35	Ankur J. Shah, Vishnu Jayprakash and G. R. Vesmawala, "A comparative study on Vibration-Based Damage Identification and Localization Methods", International conference on Recent Advancement in Design and Manufacturing (ICRADM-2020), SVNIT, Surat, July 16-17, 2020.
36	Chavda, J. T. and G. R. Dodagoudar. Experimental evaluation of failure zone in sand beneath the ring footing and cutting edge of open caisson using image analysis. <i>Indian Geotechnical Conference 2019</i> , SVNIT Surat, Gujarat, India, Publisher: Springer, 416-427, December 2019.
37	Paul, A., Chavda, J. T., Aishwarya, K.V., Lakshmi, A.K., Menon, A. and Bais, S. Structural risk assessment methodology for heritage impact assessment. <i>ICOMOS India Scientific Symposium 2020, Structural and Material Analysis in Built Heritage</i> , IIT Madras, Chennai, India, Publisher: ICOMOS, 13pp, May 2020.
	Electronics Engineering Department
1	Chudasama Vishal, Prajapti Kalpesh and Kishor Upla, Computationally Efficient Super-Resolution Approach for Real-World Images, 7th National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics, December 22-24, 2019
	Mechanical Engineering Department
1	Jha, R., Arote, A., & Banerjee, J. (2019). Advection Stabilization Using Lower Order Scheme Blending: A Case Study of Rayleigh Taylor Instability. 46th National Conference on Fluid Mechanics and Fluid Power, FMFP Dec 09-11, 2019
2	Investigations on Thermal Performance of Spiral Finned Latent Heat Storage Unit, 46th National Conference on Fluid Mechanics and Fluid Power, Dec 09-11, 2019.
3	Arote, A., Bade, M., & Banerjee, J. (2020). Comparative Study of the Fluid Interface Capturing High Resolution Algebraic Schemes. FLAME 2020, 1–8.
4	Sunny Saini, Nihar Shah, Jyotirmay Banerjee, Transition of Stratified to Intermittent Flow Pattern, 46th National Conference on Fluid Mechanics and Fluid Power (FMFP-2019), Dec 09-11, 2019.
5	Sunny Saini, Jignesh Thaker, Jyotirmay Banerjee, Transition of Stratified-Wavy Flow to Intermittent Flow Pattern: Non-Linear Analysis of Pressure Fluctuations, Future Learning Aspects of Mechanical Engineering (FLAME-2020).
6	Digant S Mehta, Bhavesh Vaghela, Manish K Rathod, Jyotirmay Banerjee, Investigations on Thermal Performance of Spiral Finned Latent Heat Storage Unit, 46th National Conference on Fluid Mechanics and Fluid Power (FMFP 2019), Dec 9-11, 2019, PSG Coimbatore, Tamilnadu INDIA
7	Rupesh D. Shah and Parag Rajpara, "Effect of Redistribution of Combustion on Performance of Upward Swirl CAN-Type Gas Turbine Combustor", 2nd National Aero Propulsion Conference NACP-2018, 17-19 December 2018, IIT Kharagpur
8	Saindane Udaykumar Vikram, Dr. Sandeep Soni and Dr. J. V. Menghani, "Recent research status on synthesis and characterization of natural fibers reinforced polymer composites and modern friction materials—An overview," Materials Today: Proceedings 26 (2020) 1616—1620.https://doi.org/10.1016/j.matpr.2020.
9	Bhavesh Vaghela, Digant Mehta, Manish Rathod, Jyotirmay Banerjee. Investigations on Thermal Performance of Spiral Finned Latent Heat Storage Unit. Proceedings of the 46th National Conference on Fluid Mechanics and Fluid Power (FMFP). December 09-11, 2019, PSG College of Technology, Coimbatore, India
10	Prabhansu, K. K Dwivedi, M. K. Karmakar, P. K Chatterjee, Status of Sewage Treatment in Bihar and Needs for Improvement, 8th International Conference on Solid waste management,

No.	/*Authors, Title of the Paper, Proceedings of the Conference, Venue, Publisher, Page Nos. Year*/
	ANU, Guntur, AP, , November 22-24, 2018, Published as book chapter in the book "Recent Trends in Waste Water Treatment and Water Resource Management", Springer Nature, Singapore Pte Ltd, 23-31, 2020.
11	Prabhansu, S. Ganguli, K. K. Dwivedi, P. Chandra, M. K. Karmakar, P. K. Chatterjee, Hydrodynamics of a CFB Gasifier with Two Different Cross Sections in the Riser, International Conference on Recent Innovations and Developments in Mechanical Engineering, NIT Meghalaya, Shillong, November 8-10, 2018, Published as book chapter in the book "Advances in Mechanical Engineering", Springer Nature, Singapore Pte Ltd, 753-762, 2020.
12	K. K. Dwivedi, Prabhansu, A.K.Pramanick, M.K.Karmakar, P.K.Chatterjee, Indian Subbituminous and Low-Rank Coal Gasification Experiments in a Circulating Fluidized Bed Gasifier Under Air Atmosphere, International Conference on Recent Innovations and Developments in Mechanical Engineering, NIT Meghalaya, Shillong, November 8-10, 2018, Published as book chapter in the book "Advances in Mechanical Engineering", Springer Nature, Singapore Pte Ltd, 777-784, 2020
13	Prabhansu, J. B. Singh, P. Chandra, M. K. Karmakar, P. K. Chatterjee, Effect of Attrition on Silica Sand as Bed Material in Circulating Fluidized Bed System, International conference, RECYCLE 2018, IIT Guwahati, February 22-24 2018, Published as book chapter in the book "Recent Developments in Waste Management", Springer Nature, Singapore Pte Ltd, 359-364, 2020.
14	K. K. Dwivedi, Prabhansu, P. K. Chatterjee, A. K. Pramanick, M. K. Karmakar, Waste Coal Utilization in India: A Review, 8th International Conference on Solid waste management, ANU, Guntur, AP, November 22-24, 2018, Published as book chapter in the book "Urban Mining and Sustainable Waste Management", Springer Nature, Singapore Pte Ltd, 91-98, 2020.
15	Manoj Ghadmode, Arpit patil, Bhagwan Sonawane and Amrut Mulay, (2020), "Analysis of TIG Welded Aluminum Alloys during Single Point Incremental Forming at Different Wall Angles" International Conference on Recent Advancement in Manufacturing (RAM 2020), June 03-05, 2020, SVNIT Surat.

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

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period	
		Applied Chemistry Dep	artment		
1	Bharat Dholakiya	Syllabus Revision Workshop for Five Years Integrated M. Sc. Chemistry (M. ScII to M. Sc. V)	TEQIP	19th February 2020	
2	Kalpana C. Maheria	As Convener, organized One Day National Conference on Advances in Chemical Sciences and Technology for Environment and Sustainability (ACSTES – 2020)	Self-financed	27th February 2020, at SVNIT, Surat.	
3	Ritambhara Jangir	Orientation Programme for the faculty members	Gujarat Council on Science and Technology (GUJCOST) Gandhinagar and SVNIT Surat	One day 07/07/2020	
	Applied Mathematics & Humanities Department				
1	H. P. Bulsara	ToT (Training of Trainers) on Social Enterprise Development and Management	National Institute of Rural Development and Panchayati Raj – North	16/09/2019 to 20/09/2019	

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
		(one week training program)	East Regional Centre, Guwahati	
2	H. P. Bulsara	Transformational Leadership and Communication Effectiveness for Successful Management	Systematic Institute of Economic Research & Development (SIERD) New Delhi.	18/11/2019 to 20/11/2019
3	Vasundhara Mahjan, Urvashi Kaushal, Anandita Chowdhary and Namrata Jariwala.	International Conference on Gender Equity: Challenges and Opportunities, organised in SVNIT	TEQIP-III	19-20 Dec 2019.
4	.Jayesh M. Dhodiya. V.H.Pradhan	One week STTP Mathematical Modeling and Simulation for Researchers, Engineers and Scientist SVNIT, TEQIP-II Sponsored STTP, SVNIT	Self-Financed	One week (23/12/2019 to 27/12/2019)
5	Jayesh M. Dhodiya. V.H.Pradhan, Yogesh Sonvane	One week STTP on "Mathematical Modelling and Simulations in Physical Science" for Engineers and Research scientist.	Self-Financed	One week (29/06/2020. to 03/06/2020)
6	R. K. Jana	Weekly seminar IntERAct (Internship Experience and Research Activities)	-	30.08.2019, 13.09.2019, 20.09.2019, 15.11.2019, 22.11.2019, 24.01.2020, 06.02.2020, 14.02.2020, 20.02.2020
7		Mathematics Colloquium (As a part of International Day of Mathematics)	SVNIT	14.03.2020
8		Poster Presentations Competition of Ph.D. Students	SVNIT	14.03.2020
9		Paper Presentations Competition of M.Sc. Students	SVNIT	14.03.2020
		Chemical Engineering De	partment	
1	Jignasa V. Gohel, Vineet Rathore, S. Sundar	Research Trends in Energy and Environment	TEQIP-III	6th -10th January, 2020.
2	Jignasa V. Gohel, Chetan M. Patel, M Mukhopadhyay	Research Methodology, Innovation and Academic Administration in Engineering	TEQIP-III	1st – 5th July, 2019.
3	A K Mungray, Alka Mungray, V.N.Lad	Waste to Energy: Fuel Cell and Electrochemical Techniques	TEQIP-III	17th to 21st June 2019.
4	M. A. Desai, S. R. Patel, Dr. G. C. Jadeja	Design of Experiment & Artificial Neural Network	AICTE-ATAL Faculty Development Programme	4 to 8 November 2019.
		Civil Engineering Depar	rtment	
1	0.1.6-6	Road Safety Audit and Engineering Measures	Asian Infrastructure Investment Bank (AIIB)	20/09/2019 to 22/09/2019
2	G.J. Joshi A. Dhamaniya S.S. Arkatkar	Road Safety Audit and Engineering Measures	Asian Infrastructure Investment Bank (AIIB)	27/09/2019 to 29/09/2019
3	arat variations	Road Safety Audit and Engineering Measures	Asian Infrastructure Investment Bank (AIIB)	30/08/2019 to 01/09/2019

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
4		Road Safety Audit and Engineering Measures	Asian Infrastructure Investment Bank (AIIB)	02/08/2019 to 04/08/2019
5	B.N. Trivedi S.R. Suryavanshi A.K. Desai	One week STTP on "Exploring Research Topics and Techniques of Technical Writings"	TEQIP-III	25/12/19 to 29/12/19
6	B.N. Tandel	National Conference on "Noise and Air Pollution" (NAP-2020)	TEQIP-III (Postponed due to COVID-19)	26-27 March-2020
7		Indo Korea Workshop on Geotechnical Issues for Urbanisation	Various Agencies	18th December, 2019
8	C.H. Solanki	Indian Geotechnical Conference2019 (GEOINDUS)	Various Agencies	19th – 21st December, 2019
9		1st Indo-China Webinar Series in Civil and Environment Engineering	Webinar Series	8th -19th May, 2020
10		Diaphragm Wall Construction: Issues and Challenges	IBC, SVNIT and CREDAI Surat	20 th July 2019
11		Health and Safety of Construction Workers	IBC, SVNIT and Bandhkam Mazdoor Sangathan	26 th Sep. 2019
12		Performance Evaluation for improved design and engineering of buildings	TEQIP-III	16 th – 20 th Sep. 2019
13	D.A. Patel	Advances in construction Technology and Management	TEQIP-III	14 th – 18 th Oct. 2019
14		Safety management in construction	TEQIP-III	9 th -13 th March 2020
15		A Webinar on "Construction Workers Safety, Health, and Welfare in context to COVID-19" in association with Bandhkam Mazdoor Sangathan (BMS)	Bandhkam Mazdoor Sangathan	9 th May 2020
16		international conference on Gender Equity: Challenges and opportunities	TEQIP-III	19 -20 Dec 2019
17		Learn- Building Performance Evaluation	TEQIP-III	25-27 July 2019
18	JEM Macwan	Performance Evaluation for Improved Design & Engineering of Building	TEQIP-III	16-20 September 2019
19		Learn-IES Virtual Environment	TEQIP-III	3-4 Feb 2020
20		Advance in Construction Technology & Management	TEQIP-III	14-18 October 2019
21	K.A. Chauhan	Learn-BPE	TEQIIP-III	25/7-27/7/2019
22	N.A. Ollaulidii	IESVE Software Training	TEQIIP-III	3/2-4/2/2020
23	K.D. Yadav	Regional Workshop on Planning of Unnat Bharat Abhiyan Activities for Participating Institutes	RCI-UBA	22 June 2019
24		Waste Management Techniques in Special Attention to COVID-19 Waste	TEQIP	22 - 26 June 2020
25	V Mahajan A Chowdhury N. D. Jariwala U. Kaushal	International Conference on "Gender Equity : Challenges and Opportunities"	TEQIP III	19 th December 2019-20 th December 2019
26	R.M. Tailor	56th IIRS Outreach programme on "RS and GIS in Urban and Regional	IIRS	09/12/2019 to 20/12/2019

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
		Planning"		
27	R.M. Tailor	9011th IIRS Outreach Programme on "Basic Principles of Remote Sensing Technology"	IIRS	13/04/2020 to 25/04/2020
28	R.M. Tailor	9012nd IIRS Outreach Programme on "Basics of SAR Remote Sensing"	IIRS	26/05/2020 to 30/05/2020
29	R.M. Tailor	61st IIRS Outreach programme on "Satellite Photogrammetry and its Application"	IIRS	29/06/2020 to 03/07/2020
30	S. M. Yadav	Advances in flood modelling	ATAL	9/12/2019 to 13/12/2019
31	Satyajit Patel	Indian Geotechnical Conf2019, Surat	IGS	19/12/2019 to 21/12/2019
32	S. S. Arkatkar	GIAN course tilted "Transport Data Analysis, Modelling and Simulation in the era of Smart Mobility"	Ministry of HRD, GIAN office at IITKGP	23/12/2019 to 27/12/2019
33	Rakesh Kumar, A. Dhamaniya, A. J.Solanki,	Hands-on Training of MX-Road Software for Geometric Design of Highways (Workshop)	Self Financed	25/12/2019 to 29/12/2019
34	P. L. Patel	Hydraulic and Hydrologic modelling: concepts and applications	TEQIP-III	Sep. 30 – 2019 to Oct. 4 2019.
35	Rakesh Kumar	One-week Hands on Training for MX Road Software	Self-Sponsored	25 th -29 th Dec 2019
36	Rakesh Kumar	One day Workshop on Revision of B Tech Course Curriculum	TEQIP Sponsored	18 Jan 2020
37	CHS, SP, SK, SJS, JBP, JTC, VB	Indian Geotechnical Conference (IGC-2019	IGC & Self	19-21 Dec 2019
		Computer Engineering De	partment	
1	Rakesh P. Gohil	SAMARTHYA-II :: Refresher Course — Technical and Mental Aptitude Training for the students of Chemical/Electrical and Mechanical(Degree/Diploma Pass out)	Reliance	20 January- 13 March 2020
2	Udai Pratap Rao & Sankita J Patel	ISEA-II sponsored one day workshop on "Cyber Crime and Digital Forensics (CCDF 2019", at Computer Engineering Department, SVNIT Surat	ISEA-II	Nov 23, 2019
3	Rakesh Kumar (MMMUT Gorakhpur) & Udai Pratap Rao	TEQIP-III sponsored STTP on "Data Analytics and IoT (DAIoT- 2019) at Computer Science and Engineering Department, MMMUT Gorakhpur	TEQIP-III	Nov 4-8, 2019
4	Sankita Patel	Joint Coordinator of the ISEA-II Sponsored One Day Workshop on Cyber Crime and Digital Forensics (CCDF-2019)	ISEA-II, Government of India	Nov 23, 2019
5	Bhavesh N. Gohil, Mukesh A. Zaveri	STTP(Online) on Recent Trends in IoTs and Cloud Computing	TEQIP-III	June 29 - July 03, 2020
		Electrical Engineering De	partment	
1	Vasundhara Mahajan, Anandita Chowdhury,	Hands On: Mathematical Modelling and Software Simulation for Power systems and Electrical Machines	TEQIP III	10-20 June 2019

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
	H. R. Jariwala, A. K. Panchal, P. B. Darji, P. Kundu.			
2	Vasundhara Mahajan, Anandita Chowdhury, Urvashi Kaushal and Namrata Jariwala.	International Conference On "Gender Equity: Challenges And Opportunities",	TEQIP-III	19th & 20th December 2019
3	M. A. Mulla, R. Chudamani, H. R. Jariwala	Workshop on "Power Electronics for Renewable Energy Systems"	TEQIP III	15-16, 21-23 February 2020
4	Sabha Raj Arya, Rakesh Maurya, Rajasekharareddy Chilipi, H. G. Patel, S. N. Sharma	Short Term Training Program on "Power Electronics For Distributed Generation and Electrical Drives"	TEQIP III	02-06, March 2020
5	M. A. Mulla, A. K. Panchal, H. R. Jariwala	Workshop on "Power Electronics for Renewable Energy Systems"	TEQIP III	02-06 March 2020
		Electronics Engineering De	partment	•
1	Anand Darji,	"VLSI Chip Design Hands-on Using Open Source EDA	Electronics and ICT Academy	July 9-12, 2019
2	Anand Darji,	Embedded Systems and Interfacing Hands-on"	Electronics and ICT Academy	July 10-14, 2019,
3	Shweta Shah	Dot slash 3.0 root to ideas"	ASHINE	January 18-19, 2020
4	Rasika Dhavse	Two days Annual Technical Event: HERTZ-5.0 Comprising of Coding Event, Soldering Competition, Circuit Design Competition (Circuitrix) and Line Follower Competition", IETE Students' Forum	IETE Students' Forum	February 22- 23, 2020
5	Anand Darji,	"International conf. on AVES 2019"	TEQIP-III	December 20- 21, 2019
6	Shilpi Gupta, Shweta Shah, J. N. Sarvaiya, P. N. Patel	"3rd Int. Conf. on Emerging Technology Trends in Electronics, Comm. and Networking (ET2ECN 2020"	TEQIP-III	February 6-8, 2020
7	Anand Darji, Rasika Dhavse, Zuber Patel, Pinalkumar Engineer	"International Conference on Advances in VLSI & Embedded Systems (AVES-2019) and One day Pre-conference Tutorial"	TEQIP-III	Dec. 19-21, 2019
8	Rasika Dhavse	One Week FDP on Recent Advancement in 'Devices, Circuits and Communication"	TEQIP-III	Jan. 3-7, 2020
9	Shweta Shah	"Global Navigation Satellite Systems	TEQIP-III	June 24-28 2019
10	Shweta Shah	"Advanced GNSS"	TEQIP-III	December 3-7, 2019
•		Mechanical Engineering De	epartment	
1	R. V. Rao	One-week short-term training program on Advanced Engineering	Self-financed	25-29 November

No.	Name of Faculty	Name of Programme	Sponsoring / Agency / Self financed	Period
		Optimization Through Intelligent Techniques,		2019
2	A A Shaikh	Reverse Engineering for product design STTP	ATAL academy	6-10 jan,2020
3	A A Shaikh	Fatigue engineering analysis and simulation tools workshop	SVR Infotech, Pune	15-16 Feb 2020
4	A A Shaikh	Engineering Design Using Drafting and 3D-modeling STTP	CED, Gandhinagar (self sponsored in Anchor institute Cell)	9-13 Nov 2019
5	T. N. Desai and Ravikant.	Organized "61st National Convention of Indian Institution of Industrial Engineering" and "5th International Conference on Industrial Engineering (ICIE-2019) at SVNIT, Surat,	In association with Indian Institution of Industrial Engineering (IIIE), National Head Quarter, Navi Mumbai	December 12- 14, 2019
6	H. K. Dave	3D Printing & Design	Atal Acedamy Cell, New Delhi	30/12/2019 – 03/01/2020
7	H. K. Dave	Hackathon "DotSlash- Root to ideas"	ASHINE, SVNIT, Surat	18/01/2020 – 19/01/2020
8	Dimple Shah T. N. Desai Manish Rathod	One Day Workshop	Hindi Cell	Sep. 30, 2019

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

No.	Name of faculty	Title of Lecture	Place & Date
		Applied Chemistry Depar	atment
1	Bharat Dholakiya	"Development of cutting cost technology for preparation of biodiesel using solid supported heterogeneous acid catalyst"	25th International Conference of International Academy of Physical Sciences (CONIAPS XXV) on "Physical and Biological Sciences at Cross-roads: Interdisciplinary Explorations and Exciting Challenges" during December 29-31, 2019 organized by Guru Jambheshwar University of Science and Technology, Hisar, Haryana (India).
2	Bharat Dholakiya	An Industrial Overview on Drugs and Dyes	Webinar Parul Univeristy, Baroda on 30/04/2020
3	Bharat Dholakiya	Dyes and its intermediates	Webinar-2020 N. V. Patel College of Pure and Applied Sciences, S. P. university, Vallabh Vidyanagar,19/05/2020.
4	K. Suresh Kumar	Fluorescence detection of monocrotophos using carbon dots derived from Ziziphus fruit	1st Agrochemicals Congress 2019: Country's Status on Various Fronts of Agrochemicals", Society of Pesticide Science India, ICAR-Indian Agriculture Research Institute, New Delhi, November 13-16, 2019.
5	Suban K Sahoo	Generating white-light emission from a single nano-assembly with its potential application in the detection of alkaline phosphatage activity in biological samples	33 rd Annuan conference of Orissa Chemical Society, VSSUT, Burla, Sambalpur, Odisha, 24 th -25 th December 2019
6	Suban K Sahoo	Sensing with vitamin B6 cofactors conjugated fluorescent nanoclusters	IIT Gandhinagar, 12-13 th Feb, 2020

No.	Name of faculty	Title of Lecture	Place & Date
7	Suban K Sahoo	Sensing and Biosensing with Vitamin B6 Cofactors Conjugated Optically Active Nanoparticles	2020
8	Kalpana C. Maheria	"Conversion of waste coal fly ash into valuable catalysts and their applications for bio-energy production"	
9	Ketan Kuperkar	Unraveling the induced micellar transition, solubilization, and cytotoxicity in Gemini surfactant - drug system	National Conference on Chemistry (NCONC-2020) on 12-13 th February 2020 at Discipline of Chemistry, IIT Gandhinagar, Gujarat, INDIA.
10	Ketan Kuperkar	Unraveling the micellization, induced micellar transition, solubilization, and biocidal act in cationic surfactants	One day National Conference on Academia-Industrial Interaction on Surfactants, Nanomaterials, Biosciences and Environmental Remediation on 9th February 2020 at School of Sciences, P. P. Savani University, Surat, Gujarat, INDIA.
11	Ketan Kuperkar	Influence of additives in cationic Gemini surfactants: Physico-chemical characterization integrated with biocidal application and computational framework	International Conference on 7th Asian Network for Natural and Unnatural Materials (ANNUM-VII) during 27-29 th September 2019 at Department of Chemistry, Ahmedabad, Gujarat, INDIA.
12	Ketan Kuperkar	Physicochemical characterization for nano-scale particles complimented with simulation	Invited talk at Science Academics' Refresher Course on Elementary Quantum Mechanics and Spectroscopy on 24th January 2019 sponsored by IAS, Bangalore, INSA, New Delhi, NASc, Allahabad at Dept. of Applied Physics, SVNIT, Surat, INDIA.
	Арр	lied Mathematics and Humaniti	es Department
1	A. K. Shukla	Laguerre Polynomial in multivariable and Integral Transforms	National Conference Recent Applications of Mathematics in Science & Technology during September 28-29,2019
2	A. K. Shukla	Generalization of Mittag-Leffler Function	Conference on "Number Theory, Combinatory and Special Functions(in honour of Prof. A. K. Agarwal 70th birthday, School of Mathematics, Thapar Institute of Engg. & Tech., Patiala (Punjab) during October 11-12,2019
3	A. K. Shukla	Laguerre Transform in Two Variables and Its Applications	International Conference on Special Functions & Applications (ICSFA 2019) University College of Engineering & Technology (A constituent College of Bikaner Technical University), Bikaner(Rajasthan), India during October 21-23,2019
4	V. H. Pradhan	Applications of ODE in Science & Engineering	Department of Mathematics, School of Mathematical Science, Jalgaon(Maharashtra) 30/08/2019
5	V. H. Pradhan	Exact travelling wave solutions of some non-linear equations	SVNIT, AMHD 25/12/2019
6	V. H. Pradhan	Meet the Finite element Method	SVNIT, AMHD 27/12/2019
7	V. H. Pradhan	Exact travelling wave solutions of some non-linear equations	Department of Mathematics, Maharaja Krishnakumarsinhji Bhavnagar University and Gujarat Ganit Mandal. Bhavnagar University, 29/12/2019

No.	Name of faculty	Title of Lecture	Place & Date
8	V. H. Pradhan	Exact travelling wave solutions of some non-linear equations	Department of Mathematics & Statistics, Shahada, Dist., Nandurbar, Maharashtra, 22/02/2020
9	V. H. Pradhan	Finite element method	Department of Mathematics, Physics & Humanities Department, VJTI, Mumbai 29/02/2020
10	H. P. Bulsara	Case Study Research Methodology	1st July, 2019 Sponsored by TEQIP - III Chemical Engineering Department, SVNiT, Surat
11	H. P. Bulsara	Commercialization of Technology Innovations - Issues and challenges	2 nd July, 2019 Sponsored by TEQIP - III Chemical Engineering Department, SVNIT, Surat
12	H. P. Bulsara	Achievement Motivation Training (through Management games related to Goal Seeking, Risk and Rewards, Managerial Skills, Role clarity)	2 nd July, 2019 Sponsored by TEQIP - III Chemical Engineering Department, SVNIT, Surat
13	H. P. Bulsara	Case Study Research	25th June, 2019 Organized by Department of Humanities and Management Science, in collaboration With Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat and Madan Mohan Malaviya University of Technology Gorakhpur, Uttar Pradesh, India under TEQIP III Online mode
14	H. P. Bulsara	Developing Women Entrepreneurship Culture in Engineering Institute	7th March, 2020 C. K. Pithawalla College of Engineering and Technology, Surat
15	Neeru Adlakha	Linear and nonlinear models in computational systems Biology	National Institute of Technology, Imphal , Manipur, August 26-30,2019 Date of talk: 29/08/2019
16	Neeru Adlakha	Finite element Method and Some Applications	National Institute of Technology, Imphal , Manipur, August 26-30,2019 Date of talk: 30/08/2019
17	Neeru Adlakha	Modeling Human Thermal Biomechanics (Two Lectures)	RGPV Bhopal under TEQIP –III at IPS Academy, Indore September 16-20, 2019 Date of talk: 20/09/2019
18	Neeru Adlakha	Computational Models For Thermography of Breast Cancer	Pandit Dwarika Das Mahavidyalaya Athner, Betul October 14- 16, 2019 Date of talk: 14/10/2019
19	Neeru Adlakha	Finite Element Modelling	VIT, Bhopal Dec 11-12,2019 Date of talk: 12/12/2019
20	Neeru Adlakha	Numerical Modelling in Biology	Oganised by Rajiv Gandhi Proudyogiki Vishwa Vidyayalaya, Bhopal (M.P) Under TEQIP-III at Gyan Ganga Institute of Technology and Sciences Jabalpur, December 17-21,2019 Date of talk: 17/12/2019
21	Neeru Adlakha	Modelling Calcium Signaling In a Neuron Cell	Jabalpur Engineering College, Jabalpur Date of talk: 23/12/2019
22	Neeru Adlakha	Research Funding Opportunities in India	ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL May 25-26, 2020 Date of talk: 25/05/2020
23	Jayesh M. Dhodiya	Real world problems and their solution by Mathematical Modelling	Shahada, Maharashtra, 22-02-2020

		and 3D plotting in MATLAB	Mathematica"Dec 23 & 24, 2020
		Applied Physics Departr	nent
1	D. R. Roy	Atomic Cluster to Smart Materials	20/11/2019 Invited Fellow Lecture, HWK, Delmenhorst, Germany
2	D. R. Roy	Possibilities of III-V Inorganic Compounds in Molecular Electronics	17/02/2020 Invited Lecture, BCCMS, University of Bremen, Germany
		Chemical Engineering Dep	partment
1	Z.V.P. Murthy	Membrane Separation Techniques in Environmental Remediation	January 8, 2020; Chemical Engineering Department, SVNIT, Surat.

No.	Name of faculty	Title of Lecture	Place & Date
2	Jigisha K Parikh	Biomass to Value added Chemicals & Fuels: A Sustainable Approach	20/06/ 2019, ChED, SVNIT, Surat.
3	Jigisha K Parikh	Energy Conservation in Boilers	25 th Nov 2019, MED, SVNIT, Surat.
4	Jigisha K Parikh	Performance Evaluation of Boiler & Case Studies,	26 th Nov 2019, MED, SVNIT, Surat.
5	Jigisha K Parikh	Process Intensification: Towards a Sustainable Future	9 th August 2019 at MMMUT, Gorakhpur
6	Chetan M. Patel	Fundamentals of Artificial Neural Network Modeling and Applications	SVNIT-Surat, 08-11-2019.
7	Chetan M. Patel	Fundamentals and Applications of Artificial Neural Network Modeling	SVNIT-Surat, 19-02-2020
8	Meghal A. Desai	Design of Experiments and Its Applications	Veermata Jijabai Technological Institute, Mumbai. (01/01/2020)
9	Meghal A. Desai	Introduction to Taguchi Method and Its Applications	Veermata Jijabai Technological Institute, Mumbai. (01/01/2020)
10	Meghal A. Desai	Design of Experiments and Its Applications in Smart Manufacturing	Veermata Jijabai Technological Institute, Mumbai. (01/01/2020)
11	Meghal A. Desai	Stability in Control System	R. N. G. Patel Institute of Technology, Bardoli. (09/10/2019).
12	Meghal A. Desai	Extraction of Essential Oil from Clove Buds using Microwave Assisted Extraction (Mae): A Grey based Taguchi Method Approach	School of Civil & Environmental Engineering, Faculty of Engineering & Information Technology, University of Technology Sydney, Australia. (26/05/2019).
13	Alka A. Mungray	Osmotic microbial fuel cell : basic to advances	17th to 21st June 2019 at SVNIT, Surat.
14	. A. K. Mungray	Sustainable Wastewater Treatment: Our Approach towards MFC, BMFC and OMFC	IIT Kharagpur, during 26- 27 February 2020.
15	A. K. Mungray	Need of Bio electrochemical Systems for Sustainable Wastewater Treatment: MFC, BMFC, OMFC	MNNIT Aliahabad during Feb 14-16, 2020.
16	A. K. Mungray	Materials for Bio electrochemical systems	Technical and Applied Chemistry Department, VJTI Matunga Mumbai, January 3 to 4, 2020.
17	A. K. Mungray	Bioelectrochemical Systems: MFC, BMFC, & OMFC	Centre for Pollution Control & Environmental Engineering, Pondicherry University, July 22 - 24, 2019.
18	A. K. Mungray	"Need of Bioelectrochemical systems for Sustainable Wastewater Treatment: Decentralization	Centre for Pollution Control & Environmental Engineering, Pondicherry University, July 22 - 24, 2019.
19	A. K. Mungray	MFC, OMFC and BMFC: Fundamentals and Future	Dept. of Chemical Engg., SGGSIE & T, Nanded, on 7 th July, 2019.
20	A. K. Mungray	MFC/BMFC, advancements and future	Chemical Engineering Department, SVNIT, Surat during 17th to 21st June, 2019.
21	A. K. Mungray	Sustainable wastewater treatment & its need	Chemical Engineering Department, SVNIT, Surat during 17th to 21st June, 2019.
22	S.R.Patel	Introduction to ASPEN Plus Basic Modeling	Samrat ashok technological institute, VIDISHA (M.P.) on 23-09-19
23	S.R.Patel	Simulation of column & Rstoic model in ASPEN Plus	Samrat ashok technological institute, VIDISHA (M.P.) on 24-09-19.

No.	Name of faculty	Title of Lecture	Place & Date				
	Whi :						
24	V.N.Lad	Viscoelasticity: An Important Aspect of Rheology	University Insitute of Chemical Technology, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, 12 February, 2020.				
25	Vineet Kumar Rathore	LCA study of defluoridation of water by adsorption process	SVNIT, Surat (January 08, 2020).				
	Civil Engineering Department						
1		Traffic Signs and Road Markings Road Safety Audit	20/09/2019 to 22/09/2019				
2	- 	Traffic Signs and Road Markings Road Safety Audit	27/09/2019 to 29/09/2019				
3	A. Dhamaniya	Traffic Signs and Road Markings Road Safety Audit	30/08/2019 to 01/09/2019				
4	1	Traffic Signs and Road Markings Road Safety Audit	02/08/2019 to 04/08/2019				
5		System Approach to Road Safety					
			12/02/2020				
6	A. K. Desai	Recent advances in Structural engineering	27/09/2019				
7	A. K. Desai	Recent advances in civil engineering	10/02/2020				
8		Genetic Algorithms: Basic theory and applications	Dec-2019				
9		PhD: What, why and how?	Dec-2019				
10	B. N. Tandel	Air pollution sampling: Basics and fundamentals	Aug-2019				
11		Environmental Impact Assessment	July-2019				
12		Envioronmental and social impacts of COVID-19: Lessons to be learnt (Online Webinar)	June-2020				
13	Ankesh Kumar	Analysis of Inclined Tunnels	12 - 01 - 2020				
14	C D Modhera	Durability of Structural Concrete	23.05.2020				
15	C D Modhera	Supplementary Cementitious Materials	06.03.2020				
16		Computation of Foundation Settlement	11thJuly, 2019				
17		Soil and highway material testing (SHMT-19)	30thAugust, 2019				
18		Geotechnical Investigations for Structures	23rdSeptember, 2019				
19	C. H. Solanki	Quick Estimation of Foundation Settlement for Alluvial Deposits	11thMay, 2020				
20		Foundation Settlement using Empirical Correlations	16thMay, 2020				
21		Soil Parameters and Allowable Bearing Pressure	27thMay, 2020				
22		Soil Testing for Road Construction	23rdJune, 2020				
23	Chetan R Patel	Comprehensive Transport Planning Process	27/01/2020				
24	Chetan R Patel	Design of Research Instrument	28/01/2020				
25	Chetan R Patel	Public Bicycle sharing Projects of Bhopal	28/01/2020				

No.	Name of faculty	Title of Lecture	Place & Date
26	Chetan R Patel	Infrastructure Planning: An Indian Perspective	22/08/2019
27	Chetan R Patel	Urban Fright Modelling : Issues and Challenges for Indian cities.	28/11/2019
28	Chetan R Patel	Public Bicycle Sharing Program: An Indian Experience	28/11/2019
29	Chetan R Patel	Application of Geographic Information System (GIS) in Civil Engineering	03/12/2019
30		Principal of Construction Management	14th Oct. 2019
31		Safety during Construction	15th Oct. 2019
32		Box Pushing Technique	15th Oct. 2019
33		Construction Project Management: Overview and Issues	19th Dec. 2019
34	D. A. Patel	Construction Safety Management- Speaker	31st Jan – 1st Feb. 2020
35		Formwork Design and Safety Aspects	26th May 2020
36		Construction Demolition Waste Management Waste Management Techniques with Special Attention to COVID	22nd-26th June 2020
37		Corrosion control of concrete structures at School of Engineering, RK University, Rajkot	6th Sep , 2019
38	B. K Vendhan	A detailed investigation on Microstructure of concrete at Atal Program sponsored by MHRD	22nd Nov, 2019
39		Reinforced Concrete Corrosion and its measuring Methods, webinar organized by GIDC, Navsari	27th May, 2020
40		Microstructure of Cement based Materials (Online Webinar)	29th June, 2020
41		Some Aspects of Gravity Dams	15-05-2020
42	J. N. Patel	Some aspects of rainfall, depth of groundwater and quality of groundwater at villages of Surat District, India	20-01-2020
43		Building Energy Management through Green Guideline	29/11/ 2019
44		Impact of Wellness on Driving Behavior	25/1/2020
45		Role of Building Envelop in Green Building performance	17/09/2019
46		Human Comfort and Happiness Index	18/09/2019
47	K. A. Chauhan	Introduction to Performance Evaluation for Buildings	18/09/2019
48		Significance & Role of Building Survey Data for Performance Evaluation Study	19/09/2019
49		Green Education & Innovation in Design	16/10/2019
50		Community Management	17/10/2019

No.	Name of faculty	Title of Lecture	Place & Date
51	K. A. Chauhan	Significance Survey for Mega Project	17/10/2019
52	K. A. Chauhan	Site Planning and Management with GRIHA Guideline	17/10/2019
53	K. D. Yadav	Organic waste management by drum composting method	19 June, 2019
54		Effective method for collection and disposal of COVID-19 waste	20 May, 2020
55		Collection treatment and disposal method for COVID-19 waste management	23 May, 2020
56	M M Ahammed	Anaerobic treatment of municipal solid wastes	March 5, 2020
57	M M Ahammed	Municipal solids waste management using anaerobic digestion	June 22, 2020
58	N. D. Jariwala	Fuzzy logic, fuzzy rule based system and its application	4th July 2019
59		Pollution Control in Tapi river	30 July, 2019
60		Solid Waste Management	16th September 2019
61		Application of fuzzy rule based model in Civil Engineering	6th December 2019
62		Introduction to ICC of SVNIT	2nd January 2020
63		Grey water treatment and management	7th February 2020
64		Air Pollution Monitoring and Modelling (Online Webinar)	26th May 2020
65		Effects of air Pollution on urban dwellers (Online webinar)	4th June 2020
66		Concept and Application of fuzzy logic in Civil Engineering (Online Webinar)	12th June 2020
67		Health issues during waste management	22 June 2020
68		Regional Planning	26/08/ 2019
69		Preparation of Development Plan	02/12/ 2019
70	R. M. Tailor	The significance of GIS in Hilly Area Planning	03/12/ 2020
71		Urbanization and Urban Transport	28/01/ 2020
72		Four Stage Sequential Modelling	28/01/ 2020
73	S. A. Vasanwala	Analysis of Double Layer Space Grid Structures	27.09.2019
74		Advances in Civil Engineering for global sustainability.	10th June 2019
75		Flood Modelling	24th June 2019.
76		Methods of Valuation	01st June 2020
77	S. M. Yadav	Flood assessment of Semi-Arid River basin using DEM and 1D hydrodynamic model.	29th May 2020
78		Optimization of reservoir operation to minimize Irrigation deficiency using Jaya Algorithm	11th June 2020
79		Hydrodynamic modelling of the dredge channel of the Ghagra River reach, India	5th February 2020

No.	Name of faculty	Title of Lecture	Place & Date
80		Development of a relationship between hydrometric and hydrographic observations to predict reservoir capacity loss	27- 28th February 2020
81		1-D Modelling of River reach using HEC-RAS to access carrying cap	9th December 2019
82		1D steady flow analysis using HEC- RAS	9th December 2019
83		1D unsteady flow analysis using HEC-RAS	10thDecember 2019
84	S. M. Yadav	2D unsteady flow modelling using HEC-RAS	11th December 2019
85		Flood hazard assessment using Analytical Hierarchy Process (AHP)	12th December 2019
86		Flood Assessment of Semi-Arid River Basin using DEM and 1-D Hydrodynamic Model	29th May 2020
87		Methods of valuation	1st June 2020
88		Optimization of Reservoir Operation to minimize irrigation deficiencies using Jaya algorithm	11th June 2020
89	Satyajit Patel	Stabilization and use of industrial waste in road pavement	01/06/2020
90	Satyajit Patel	Pavement Geotechnics and Utilization of Industrial wastes in Road Pavement	23/06/2020 to 27/06/2020
91		Safety for VRUs and PWDs	31-07-2019
92		ITS and its Applications in road safety	01-08-2019
93		Safety in Road design in Road links	26-09-2019
94		Safety in Road Design Junction and interchanges	26-09-2019
95		Modelling Heterogeneous Traffic using Micro simulation Technique	25-11-2019
96		Traffic Systems Analysis	20-12-2019
97	S. S. Arkatkar	Traffic Simulation	25-12-2019
98		Introduction to Image Processing and its Application for Trajectory Data	25-12-2019
99		Use of Trajectory Data for Model Calibration	25-12-2019
100		Research needs on new data Acquisition, Analysis, Modelling and Simulation for Developing Countries	27-12-2019
101		New Technologies in Road Safety	21-01-2020
102	<u>·</u>	Traffic Operations Monitoring and Performance Evaluation of Urban Intersections: Data Needs, Analysis and Future Research Directions	11-06-2020
103	S. R. Suryawanshi	Strut and Tie Modelling	20/11/2019
104	V. Bhaiya	Modelling and Simulation using SIMULINK	19/02/2020
105	A. J. Solanki	Geometric Design of Highways - A	25/12/2019

No.	Name of faculty	Title of Lecture	Place & Date	
		Quick Recall		
106	P. L. Patel	Hydrologic cycle and Hydrologic process	30.09.2019	
107	P. L. Patel	Subsurface Flow models	01.10.2019	
108	P. L. Patel	Concepts of Unit Hydrograph: Theory and Application	01.10.2019	
109	P. L. Patel	Hydrologic and Hydraulic routing	02.10.2019	
110	P. L. Patel	Hydrologic Analysis of Rainwater Harvesting	09.11.2019	
111	P. L. Patel	Approaches and requirements of rainwater harvesting in India (On lines session)		
112	P. L. Patel	Morphological studies of Tapi river: key morphological issues & their studies using GIS & Remote sensing	Sep. 02, 2019	
113	G. R. Vesmawala	Structural Audit and Rehabilitation of Buildings with Case Studies	10th June 2020,	
114	J. T. Chavda	Image Analysis: Application in Geotechnical Engineering	29-12-2019	
115	J. T. Chavda	Some Tips on Preparing Graphs and Making Presentation	29-12-2019	
116	J. T. Chavda	Image Analysis: Applications in Geotechnical Engineering	20th April, 2020	
117	J. T. Chavda	Deep Excavations in Urban Areas	30th - 17th May 2020	
118	J. T. Chavda	Deep Excavations Challenges in Urban Areas	30th May, 2020	
119	J. T. Chavda	Evaluation of Bearing Capacity Factors of Strip and Ring Footings using FEM	26th May, 2020	
120	Rakesh Kumar	Opportunities in Transportation Engineering	10/06/2020	
121	Rakesh Kumar	Road safety Audit	19/12/02020	
122	Y. D. Patil	New research areas in structural engineering	11 June 2020	
123	Y. D. Patil	Emerging areas in structural engineering	16 June 2020	
		Computer Engineering Department	artment	
1	Devesh C. Jinwala	Proposal for ICISS 2020 for being held at IIT Jammu	ICISS 2019, IDRBT, Hyderabad on Dec 19, 2019.	
2	Devesh C. Jinwala	BTG-RKASE: Privacy Preserving Revocable Key Aggregate Searchable Encryption Supporting Fine-Grained Multi-Delegation with Break-The-Glass Access Control	16th International Conference on Security and Cryptography as part of the 16th International Joint Conference on e-Business and Telecommunications, Prague, Czech Republic, (SECRYPT 2019), July 27, 2019.	
3	Devesh C. Jinwala	Designing a Security Protocol for a typical Cyber-Physical System	One Week Workshop titled Data Science and Information Security- Boot Camp at Islamic University of Science and Technology (IUST), Awantipora, Srinagar, Jammu and Kashmir, Jun 13, 2019.	
4	Mukesh A. Zaveri	Machine Learning	7 Nov 2019 during TEQIP-III sponsored STTP on Data Analytics and IoT (DAIoT-2019) (4 - 8 Nov 2019) organized by Department of Computer Science and	

No.	Name of faculty	Title of Lecture	Place & Date
			Engineering, Madan Mohan Malaviya University of Technology, Gorakhpur, U.P.
5	Mukesh A. Zaveri	Artificial Neural Network and its Application: Data Association for Multiple Target Tracking	26 Nov 2019during 20th One Week STTP on Advanced Engineering Optimization through Intelligent Techniques (25 - 29 Nov 2019) organized by Mechanical Engineering Department, SVNIT, Surat
6	Mukesh A. Zaveri	Mathematical Modeling and Statistical Analysis	29 February 2020 during AICTE sponsored STTP on Research Methodology and IPR (24-29 February 2020) organized by Department of Information Technology, Thakur College of Engineering and Technology, Mumbai
7	Mukesh A. Zaveri	Some Aspects of Research Methodology	29 February 2020 during AICTE sponsored STTP on Research Methodology and IPR (24-29 February 2020) organized by Department of Information Technology, Thakur College of Engineering and Technology, Mumbai
8	Mukesh A. Zaveri	Basics of Machine Learning	18May, 2020 during Three days online faculty development programme on Mathematical and Computational Modeling (18 - 20 May 2020) organized by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal (M.P) under TEQIP - III at LNCTS, Bhopal
9	Mukesh A. Zaveri	Basics of Machine Learning	29 June 2020 during Five Days Online STTP on Recent Trends in IoTs and Cloud Computing (RT-IoTCC2020, June 29 - July 03, 2020) organized by Department of Computer Engineering, SVNIT, Surat under TEQIP-III
10	Mukesh A. Zaveri	Introduction to Internet of Things	29 June 2020 during Five Days Online STTP on Recent Trends in IoTs and Cloud Computing (RT-Io TCC 2020, June 29 - July 03, 2020) organized by Department of Computer Engineering, SVNIT, Surat under TEQIP-III
11	Rakesh P. Gohil	Fundamentals of Computer & Programming Languages	7th February 2020 and 18th February 2020 during SAMARTHYA-II Refresher Course – Technical and Mental Aptitude Training for the students of Chemical/Electrical and Mechanical(Degree/Diploma Pass out) sponsored by Reliance, Surat
12	Udai Pratap Rao	Cyber Security	22nd May 2020 during online workshop on Raising Trends In Computer Science at Charusat University
13	Udai Pratap Rao	Cyber Security	5th February 2020 during foundation day celebration of Indian Institution of Industrial Engineering (IIIE) at SVNIT Surat
14	Udai Pratap Rao	Data Privacy	29th November 2019 during AICTE Sponsored Two Week Faculty Development Program on Recent Developments in Next Generation Networks (NGN), 18-19 Nov 2019 at LNCT Bhopal.

No.	Name of faculty	Title of Lecture	Place & Date
15	Udai Pratap Rao	Data Privacy: Approaches and State of the Art	22nd November 2019 at Auro University, Surat, Gujarat
16	Udai Pratap Rao	Privacy by Design: Approaches and State of the Art	8th November 2019 during TEQIP-III sponsored STTP on "Data Analytics and IoT (DAIoT- 2019) at Computer Science and Engineering Department, MMMUT Gorakhpur
17	Sankita Patel	Cyber Frauds, Security and Privacy	9th September 2019, Expert for Live Phone in Program "Hello Kanoon" at Hello Kanoon Programme of Door Darshan channels DD Girnar.
18	Sankita Patel	Cyber Security Awareness	11th September 2019, Expert for Live Phone in Program "Hello Kanoon" at Hello Kanoon Programme of Door Darshan channel DD Girnar.
19	Sankita Patel	Cyber Attacks and Covid-19	9th May, 2020, Expert talk on All India Radio, Surat station
20	Bhavesh N. Gohil	Cloud Computing	29 June 2020 during Five Days Online STTP on Recent Trends in IoTs and Cloud Computing (RT-Io TCC 2020, June 29 - July 03, 2020) organized by Department of Computer Engineering, SVNIT, Surat under TEQIP-III
21	Bhavesh N. Gohil	Cloud Computing using AWS	Webinar organized by Department of Computer Application, BMU, Surat, 8th June, 2020
22	Bhavesh N. Gohil	Malicious Software	CSPIT, Charusat University, Changa, 9th October, 2019
23	Bhavesh N. Gohil	Cloud Computing	CSPIT, Charusat University, Changa, 9th October, 2019
		Electrical Enginering Depa	
1	S N Sharma,	On nonlinear Control, One-week TEQIP-III sponsored Short-term course on "Power Electronics for Distributed Generation and Electrical Drives,	SVNIT, Surat (Gujarat) during March 02- 06,2020.
2	Anandita Chowdhury	Electrical machines design, modelling and simulation, Hands on: Mathematical modelling and software simulation for power systems and electrical machines	10-20 June2019
ഗ	A. K. Panchal	A one week STTP on "Recent Advances in Power and Renewable Energy Systems"	Sept-2019, GES'S R H Sapat College of Engg. Nashik
4	Varsha A Shah	Innovation in electrical vehicles and machine dynamics	15th October 2019 Government Engineering College Valsad
5	Varsha A Shah	Electric vehicles and battery charging	20th September 2019. Dr S & S S Gandhi Government Engineering College. Surat
6	Varsha A Shah	Hybrid electric vehicles	18th September 2019 Parul University Vadodara
7	Varsha A Shah	Ultracapacitor and its Application in electric vehicles	21st June 2019 Marawadi university of engineering and technology, Rajkot
8	Varsha A Shah	DC-DC converter for Electric Vehicle	21st June 2019 Marawadi university of engineering and technology, Rajkot
9	H.R.Jariwala	Applications of FACTS in power	15-16, 21-23 February, 2020

No.	Name of faculty	Title of Lecture	Place & Date		
		System Dynamics			
10	H.R.Jariwala	Power Quality Improvement using DSTATCOM and DVR	02-06 March, 2020		
11	Mahmadasraf A. Mulla	Delivered six Lectures in workshop on "Power Electronics for Renewable Energy Systems"	Electrical Department, SVNIT, Surat during 02-06 March, 2020.		
12	Mahmadasraf A. Mulia	Delivered six Lectures in workshop on "Power Electronics for Renewable Energy Systems"	Electrical Department, SVNIT, Surat during 15-16, 21-23 February 2020		
13	Mahmadasraf A. Mulla	Delivered four Lectures in 02-day students workshop on "Power Electronic System Implementation"	Electrical Department, Dr. S. & S. S. Gandhi GEC, Surat, during 11 - 12 February, 2020.		
14	Mahmadasraf A. Mulla	Development of Electrical Drives using STM32F4xx Microcontroller	Vadodara on 8th February 2020.		
15	Mahmadasraf A. Mulla	Development of PV Inverter with STATCOM function using ARM Cortex-M4 Microcontroller	MNIT, Jaipur on 30 December 2019.		
16	Mahmadasraf A. Mulla	Delivered six Lectures in TEQIP Winter Course on "Electrical Machines and Power Electronics"	IIT Gandhinagar, during 16 - 21 December, 2019.		
17	Mahmadasraf A. Mulla	Delivered four Lectures in 02-day workshop on "Advanced Power Electronics Converter Development using ARM Cortex M4 Microcontroller"	Anand Engineering College, Agra, during 22 - 23 November 2019.		
18	Mahmadasraf A. Mulla	Delivered nine Lectures in 03-day workshop on "Real-time Project Development on Power Electronics Converter using ARM Cortex M-4 Microcontroller"	Navrachana University, Vadodara, during 15 - 17 November 2019.		
19	Mahmadasraf A. Mulia	Delivered four Lectures in 03-day workshop in STTP on "Role of Power Electronics in Power Engineering"	Electrical Department, Ujjain Engg. College, Ujjain (MP), during 04 - 08 November 2019.		
20	Mahmadasraf A. Mulla	Project Development - Selection and Prototype Making	Electrical Department, R. K. University, Rajkot on 21 Sept., 2019.		
21	Mahmadasraf A. Mulla	Project Development - Selection and Prototype Making	Electrical Department, V V P Engg College, Rajkot on 20 Sept., 2019.		
22	Mahmadasraf A. Mulla	Delivered five Lectures in TEQIP summer training program on "Special Electrical Machines and Drives"	IIT Gandhinagar, during 15-19 July, 2019.		
23	Mahmadasraf A. Mulla	Delivered four Lectures in workshop on "Advanced Power Converters for Industrial and Renewable Applications"	Electrical Department, SSBT's College of Engg. & Tech., Jalgaon, during 24-28 June, 2019.		
24	Mahmadasraf A. Mulla	Laboratory Experimentation of PV- STATCOM	On 15 June 2019 in the Two Weeks TEQIP III sponsored STTP on "Hands On: Mathematical Modelling and Software Simulation for Power systems and Electrical Machines (HOMSPM)", at Electrical Department, SVNIT Surat.		
25	Mahmadasraf A. Mulla	Delivered two Lectures in workshop on "Hands-on Training on 32-bit Microcontroller for Power Electronics Systems"	Department of Electrical Engineering, VNIT, Nagpur, during 10-14 June, 2019.		
26	Vasundhara Mahajan	Power quality analysis, active power filters and IRP	13 June 2019, SVNIT Surat		
27	Vasundhara Mahajan	Fuzzy logic controller, its design and simulation	15 June 2019, SVNIT Surat		

No.	Name of faculty	Title of Lecture	Place & Date
28	Vasundhara Mahajan	Fuzzy logic controller and its applications	5 Nov. 2019, BIT, Durg, Chhattisgarh.
29	Vasundhara Mahajan	Facts controllers and its applications for improvement of power system stability	31 May 2019, AICTE-Anna University, Chennai.
30	Vasundhara Mahajan	Artificial intelligence and its applications in power system engineering	29 Nov. 2019, KCESCEI, Jalgaon, Maharashtra.
31	H. G. Patel	PLC programming and Drive	6thMarch 2020, SVNIT, Surat during STTP onPower Electronics for distributed generators and electrical Drive
32	H. G. Patel	Industrialautomation and PLC programing	Darshan Institute of Technology Rajkot, 25th November 2019
33	Rakesh Maurya, S N Sharma	Power Converter for Electric Vehicle Battery Charger with Improved Power Quality Features	One-week TEQIP-III sponsored Short-term course on "Power Electronics for Distributed Generation and Electrical Drives," at SVNIT, Surat (Gujarat) during March 02-06,2020.
34	Rakesh Maurya	Integrated Electric Vehicle Battery Charger with Improved Power Quality Features	One week STC on "Smart Energy System: Operation and Control, SESOC-2019" at MMMUT, Gorakhpur (U.P), December 17-22, 2019.
35	Rakesh Maurya	Smart Charging Stations for Electric Vehicle with Multifunctional Features	One week STC on "Smart Energy System: Operation and Control, SESOC-2019" at MMMUT, Gorakhpur (U.P), December 17-22, 2019.
36	Chandani P. Gor	Introduction to Multiphase System	15 Feb-2020, 21 Feb - 2020, EED,SVNIT
		Electronics Engineering Dep	partment
7	Abhishek Acharya	"VLSI Design and Tools and Techniques", Workshop on Robotics and VLSI Design	UCET, Bikaner Technical University, Rajasthan, 13-15 Feb. 2020
2	Abhishek Acharya	, "Design and Analysis of Feedback Amplifiers", Special Lecture	GEC Bikaner, Rajasthan
3	Abhishek Acharya	"Beyond CMOS Technology", Webinar on Beyond CMOS Technology	Madan Mohan Malviya University of Technology, Gorakhpur, UP, 8th June, 2020
4	Anand D. Darji	"Industry 4.0- In bio-medical field", Industry 4.0- Theory and Applications	DST and UkaTarsadia University, July 3, 2019
5	Anand D. Darji	"Wireless capsule endoscopy", Smart Electronics Technologies	Electronics and ICT Academy, MNIT Jaipur, August 10, 2019
6	Anand D. Darji	"Wireless Endoscopy", Recent Trends in Medical Image Processing (RTMIP-2019)	G. H. Patel Institute of Engg. & Tech. V.V. Nagar, November 21, 2019
7	Abhilash Mandloi	"Artificial Intelligence in Optical Communication and Networks", TEQIP III Sponsored FDP on "Machine Learning: An Agent of Engineering for Change"	Department of Electronics and Communication Engineering, MBM College of Engineering, JN Vyas University- Jodhpur, ", 13 th September, 2020
8	Deepak Joshi	"Optimization and its application in VLSI circuit design", Online Expert Lecture Series	Office of R&D, Sri Sai University, HP, 30 Apr 2020
9	Jignesh Sarvaiya	"Convolution Neural Network (CNNs) Architectures and It's Applications", Recent Trends in Medical Image Processing,	GCET, V V NAGAR, Anand, November 21, 2019

No.	Name of faculty	Title of Lecture	Place & Date	
10	Jignesh Sarvaiya	"Image Processing and Its Applications", SVNIT Chapter, CEV	Production Seminar Hall, SVNIT-Surat, January 2020	
11	Kamal Captain	, "Spectrum Sensing for Cognitive Radio", Webinar Series	Parul University, May 09, 2020	
12	Kamal Captain	"Spectrum Sensing for Cognitive Radio", Webinar Series	ENINE Solutions, May 09, 2020	
13	Kishor Upla	"Latex Programming and writing skills", Technical Writing with LaTeX	Indus University, Ahmedabad, 21-22 August 2019	
14	Kishor Upla	Low resolution face super resolution", NBL Meeting	NTNU, Gjøvik, Norway, 5-6 March, 2020	
15	Pinalkumar Engineer	"Designing a 3D printer", ATAL Academy workshop on "Reverse Engineering"	MED, SVNIT Surat, January 10, 2020	
16	Pinalkumar Engineer	"Real-time system design using Embedded Microcontrollers", Webinar	GEC, Surat, June 05, 2020	
17	Rasika Dhavse	"Self Assembly Processes for Fabrication of Emerging Nanoelectronic Devices", One Week FDP on Recent Advancement in 'Devices, Circuits and Communication, TEQIP-III	MMMUT, Gorakhpur, Jan. 4, 2020	
18	Rasika Dhavse	"Role of Energy Band Diagrams in Semiconductor Devices"	GEC, Surat, Feb. 26,2020	
19	Shweta Shah	"Impact of International and Unintentional Interference on NavIC", 2nd International conference "Parul University International Conference on Engineering & Technology (PiCET-2019)" Smart Engineering	Parul University, Vadodara, May 24-2-2019	
20	Shweta Shah	"5G Satellite Network", a webinar organized by on (Under COVID-19 Situation)	Parul University, June 12, 2020	
21	Shweta Shah	"Role of Satellite Systems in 5G", webinar organized by Depart. of EC& Telecommunication Engineering	Pimpri Chinchwad College of Engineering & Research, RAVET in collaboration with IEEE, June 09, 2020	
22	Upena Dalal	"5G Technology and it's Applications", (Online) Webinar	Sri Vasavi Institute of Engineering and Technology, AP 28th May 2020	
23	Upena Dalal	"5G: Network Architecture and SDN" (Online)	Parul University, Vaghodia, 15th June 2020	
24	Upena Dalai	"Physical Layer Aspects in 5G/next generation Systems", FDP	Kommun Prasad Reddy Institute of Technology, Hyderabad, 19th June 2020	
25	Upena Dalal	"5G: Network Architecture and Software Defined Networking (SDN)"	LokmanyaTilak College of Engineering, Navi Mumbai, 28 th June 2020	
	*	Mechanical Engineering Dep	partment	
1	Shailendra Kumar	Additive Manufacturing	SVNIT, 30th Dec 2019.	
2	Shailendra Kumar	Expert System in Metal Forming	VJTI Mumbai, 3 Jan 2020.	
3	Shailendra Kumar	Additive Manufacturing	SVNIT, 6 Jan 2020	
4	Shailendra Kumar	Abrasive water jet machining of composites	NIT Srinagar, 23 July, 2019	
5	Shailendra Kumar	Al applications in sheet metal forming	NIT Srinagar, 23 July, 2019	
6	Shailendra Kumar	Al applications in sheet metal forming	CGPIT Bardoli, 5 July, 2019	
7	Shailendra Kumar	3D Printing: An overview	SVNIT, 21 Jan 2020	
8	R. V. Rao	3 lectures on the topics of TLBO and Jaya Algorithms	Dept. of Mechanical Engg., NITK Surathkal 19th August 2019	

		(SVNIT)	
ANNUAL	REPORT		2.5-10
_		Title of Lecture	Place & Date
	Name of faculty R. V. Rao	A lecture of 2 hours on review of	Dept. of Electrical Engg., MITS Gwalior 2nd November 2019
	R. V. Rao	advanced metaneuristics	FDP to 29 newly joined faculty members
10 1	ζ. γ. παο	pedagogy and research methodology	18-22 November 2019 FDP to 13 newly joined faculty members
11	R. V. Rao	Delivered 15 lectures related to pedagogy and research methodology	of SVNIT, Surat 01-05 January 2020
12	H. K. Raval	Expert Talk on NBA	R.N.G. Pater Mistroto, 30/08/2019 Ahmedabad.
1	H. K. Raval	Expert Talk on NBA	12/09/2019
14	H. K. Raval	Expert talk on "Research in Sheet Metal Forming"	
		Revese engineering (ATAL STTP)	6/1/2020 SVNIT, Surat
15 16	A A Shaikh	engineering	
17	A A Shaikh	Applications(ATAL STTP) Acquiring point cloud & Techniques of visualisation of point cloud (ATAI	8/1/2020 SVNIT, Surat
L	- A OL TÜR	STTP) Laminated object Manufacturing	9/1/2020 SVNIT, Surat
18	A A Shaikh	(ATAL STTP)	of 17/9/2019 Shree swami atmanand saraswati insti of tec , surat
19	A A Shaikh	composite materials Expert lecture at the event	of R. N. G. Patel Institute of Technology,
20	Tushar N. Desai	Webinar on Management Initiatives" (Honora	ry Tochnology Nagpur
21	Tushar N. Desai	Expert lecture on "New Qual Management Initiatives" at the every of Faculty Development Program "Advanced Trends in Engineering Honorary services)	on May 21, 2020
22	Tushar N. Desai	Expert lecture at the event Webinar on "Recent Trends Quality Engineering" "(Honor services)	in Research Centre, Officially, Barrellian, May 25, 2020
23	3 B. M. Sutaria	Advances in Tribology under Eq initiative component (09) of RUSA	uity Dr. S. & S.O Engineering Collegr, Surat 07/10/2019,
2	D. I. Lalwani	CNC Machine Tools programming	Engineering College Banswara, Rajasthan, 18-12-
2	25 Purnanand V Bh	Research Proposal : Submission execution	newly joined faculty of SVN11 Galacter
-	26 Purnanand V BI	Renewable Energy Closs Challenges Summit at	Parul University Baroda Sept 2019 Parul Gujcost Sponsored One Day National Sept 2019 Gujcost Sponsored One Day National Sept 2019
-	27 Purnanand V B		Seminar on Renewable 2.13.99 Savani University, Kosamba
	28 Purnanand V E	Bhale Renewable Energy and E	inergy AICTE Sponsored STTP on Advances I C Engines and Fuels. 14-19 Oct 2020 College of Engineering Badnera Di

					(OVIVIT)		(2019
N	o. Name of	faculty		Title of L	ecturo		T
- 1	1						Place & Date
29	9 Purnanand	V.Dt. I					Amravati MS 17 Oct 2020
			Design Renewabl	Thinking e Energy S	Applied ystems	d to	Two Week AICTE Sponsored worksh on School of Design Thinking at Re Gandhi Institute of Technology Mumi (MS)
30	Purnanand V	/ Bhale	Renewable	Freray			L 04 Dec 2019
31	Purnanand V		Efficiency Waste to E	orgy	_	nergy	AICTE ATAL Sponsored One Wee STTP Fundamentals of Energ Management at SVNIT Surat 25-29 No 2019 26/11/2019
32			Additive Mar				TEQIP III Sponsored one week STTP o Recent Trends in Energy an Environment 6-10 Jan 2020 organised b Chemical Engineering Departmen SVNIT Surat 06 Jan 2020
33		D	esign of	Experimen			CGPIT, Uka Tarsadia University, Bardol during STTP on "Industry 4.0 – Theory and Applications" on 2nd July 2010
34		_	aguchi Meti ata prepara	100		E	Experiment & Artificial Neural Network on November 4th, 2019
35		Ĺ	sin based :			_ 8	SVNIT surat during FDP on 3D Printing & Design on December 30th, 2010
36	ll 14 =	3D				D	esign on December 31st, 2010
37	H. K. Dave	cor	nposites	-		eu 5	VNIT surat during FDP on 3D Printing & esign on Januray 3rd, 2020
38		J	rney of Ma			31	VNI I surat during STTD A
39			pital Electro			SV	/NIT surat during STTD
			A based s lical equi tions	olutions fr pment to	om COVI	D We	ebinar at Rajarambapu Institute of
10	,	3D	printing of posites	glass fiber	reinforce	Ma d Virt	harashtra on May 7th, 2020
1 M	. K. Rathod	- Eur				Tec	ernational Conference - Modern hnologies in Industrial Engineering on e 26th, 2020
	K. Rathod					Gov	ernment Engineering
			ote lecture ncement in nal Energy			Adva	national Conference on Recent
Ac	hchhe Lal	Advar structi	ices in	smart	materials	Veen	7-9th February, 2020 mata Jijabai Technological Institute
Act	nchhe Lal		nical Perfo	orced C	Carbon omposite	Dece	ember 31, 2020
Ach	chhe Lal	Structu	ires 	_	ihosite		rastra
	Lai	Bucklin compos loading	site plates	s of la under part	minated ial edge	Singh	garh Institute of Engineering and
Paw	an Sharma	+	ripting:	Technology	and	Januar 3D pri	ry 03rd 2020
					- 1	Govern); Theoretical and Experimental at Imment Engineering College, ara, Rajasthan on 20th December

No.	Name of faculty	Title of Lecture	Place & Date	
_			2019.	
47	Pawan Sharma	Metal Based Additive Manufacturing	Advances in Manufacturing at SVNIT Surat, Gujarat.	
48			Reverse Engineering for Product Design at SVNIT Surat, Gujarat on 8th January 2020.	
49	Pawan Sharma	Powder Based 3D Printing Processes	3D Printing and Design at SVNIT Sural Gujarat on 21st January 2020.	
50	Pawan Sharma	Application of design of experiments in 3D Printing	BVM Engineering College, Vallabhnagar, Gujarat on 21st June 2019.	
51	Prabhansu	Thrust areas of Research in Thermal Engineering	MED, LNJPIT, Chapra, Bihar (Online mode, Google Meet) on 23rd June 2020	
52	Amrut Mulay	Advancement in Single Point Incremental Forming process	24th January, 2020 at conference hall, SVNIT Surat	
53	Biranchi Narayan Sahoo	Potential of Casting on Enhancing Structural Efficiency of Magnesium Alloy	23rd January, 2020 at conference hall, SVNIT Surat	

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

No.	Faculty Name of Expert and Tit		Title of Lecture	Date of Lecture
	d	Chemical Engineering Dep	artment	
01	Mausumi Mukhopadhyay	P S T Sai	Flash Distillation Vs. Fast Fluidization	20/04/2019
		Civil Engineering Depart	tment	
01	A. Dhamaniya	Yogesh U. Shah, IITRAM Ahmedabad	Highway Economics & Evaluation using HDM-IV	28/01/2020
02	A. Dhamaniya	Mr. Pinakin N. Patel	Highway Geometric Design through Civil 3D	16/02/2020
03	A. K. Desai	RASE 2019, SVNIT, SURAT.	Recent advances in structural engineering	21/11/2019
04	C. H. Solanki	D.N. Singh, IIT Bombay	Innovations in Geotechnical Engineering	14/10/2019
05	K. A. Chauhan Shweta Shah	Unnat Bharat Abhiyan	Role of Engineer in rural Development	23/01/2020
06	K. A. Chauhan Shweta Shah	Unnat Bharat Abhiyan	Significance of Community participation	20/02/2020
07	Khyati Mistry K. A. Chauhan	Unnat Bharat Abhiyan	Govt. initiative: Student Solar ambassador	02/10/2019
		Electronis Engineering Dep	artment	
01	Rasika Dhavse	Dr.Maulin Joshi, SCET Surat	The Role of Machine Learning in Electronics	23/11/2019
	·	Mechanical Engineering De	partment	
01	Yogesh Gandhi	CEO, 3D Technology ,USA	3D Printing Technologies	5-9-2019
02	Pratik Parikh	Professor Wright State University Dayton OH USA	Study in U.S.: Avenues, Challenges, and Tips	18/09/2019
03	Kuldeep K. Mistry	Timken, USA	Bearing grease lubrication and fundamentals and applications	16/09/2019
04	Tushar N. Desai	U. P. Rao, Assistant Professor, Computer Engineering Department, SVNIT	Cyber Security	05/02/2020
05	Kuldeep K. Mistry	Timken, USA	Bearing grease lubrication and fundamentals and applications	16/09/2019
06	Pratik Parikh	Professor Wright State University Dayton OH USA	Study in U.S.: Avenues, Challenges, and Tips	18/09/2019

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

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.			
	Applied Chemistry Department					
1	Smita Jauhari	Chemistry Select	01			
2	Bharat Dholakiya	Fuel, Elsevier	01			
3	Bharat Dholakiya	Research on Chemical Intermediates, Springer	01			
4	Bharat Dholakiya	Progress in Chemical and Biochemical Research	01			
5	Bharat Dholakiya	Combustion Science and Technology	01			
6	Bharat Dholakiya	Journal of Cleaner Production	01			
7	Bharat Dholakiya	Drug Development Research	01			
8	K. Suresh Kumar	Biosensors and Bioelectronics	02			
9	K. Suresh Kumar	Analyst	03			
10	K. Suresh Kumar	Colloids and Surfaces A	02			
11	K. Suresh Kumar	Analytical Methods	01			
12	K. Suresh Kumar	Analytica Chimica Acta	02			
13	K. Suresh Kumar	Analytical Chemistry	02			
14	K. Suresh Kumar	Optical Materials	03			
15	K. Suresh Kumar	ACS Sustainable Chemistry & Engineering	03			
16	Suban K Sahoo	Journal of fluorescence	01			
17	Suban K Sahoo	Materials Chemistry and Physics	01			
18	Suban K Sahoo	Spectrochimica Acta Part A	01			
19	Suban K Sahoo	Biosensors and Bioelectronics	01			
20	Suban K Sahoo	Sensors & Actuators: B. Chemical	01			
21	Suban K Sahoo	Applied Organometallic Chemistry	01			
22	Suban K Sahoo	International Journal of Environmental Analytical Chemistry	01			
23	Suban K Sahoo	RSC Advances	01			
24	Suban K Sahoo	Journal of the Chinese Chemical Society	01			
25	Suban K Sahoo	ACS Applied Bio Materials	01			
26	Suban K Sahoo	ACS Omega	01			
27	Suban K Sahoo	ACS Applied Materials & Interfaces	01			
28	Suban K Sahoo	ACS Sustainable Chemistry & Engineering	01			
29	Suban K Sahoo	Heliyon	02			
30	Suban K Sahoo	International Journal of Mass Spectrometry	01			
31	Suban K Sahoo	New J Chemistry	09			
32	Suban K Sahoo	ChemistrySelect	01			
33	Suban K Sahoo	Analyst	01			
34	Suban K Sahoo	Inorganica Chimica Acta	01			
35	Suban K Sahoo	Microchemical Journal	01			
36	Suban K Sahoo	Materials Science & Engineering C	01			
37	Suban K Sahoo	Photochemical & Photobiological Sciences	03			
38	Suban K Sahoo	Journal of Molecular Liquids	01			
39	Suban K Sahoo	Reactive and Functional Polymers	01			
40	Suban K Sahoo	Luminescence	01			

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
41	Suban K Sahoo	Dyes and Pigments	01
42	Suban K Sahoo	Supramolecular chemistry	01
43	Suban K Sahoo	Inorganic Chemistry Communications	01
44	Suban K Sahoo	Analytical methods	02
45	Suban K Sahoo	Journal of Luminescence	01
46	Suban K Sahoo	Journal of Photochemistry and Photobiology A: Chemistry	01
47	Suban K Sahoo	Analytical and Bioanalytical Chemistry	01
48	Naved Malek	Journal of Molecular Liquids	10
49	Naved Malek	Langmuir	04
50	Naved Malek	Journal of Colloids and Interface Science	06
51	Naved Malek	New Journal of Chemistry	01
52	Naved Malek	RSC Advances	02
53	Naved Malek	ACS Sustainable Chemistry & Engineering	02
54	Naved Malek	Colloids and Interface Science A:	03
55	Kalpana C. Maheria	Chemical Papers	01
56	Premlata Kumari	BMC Chemistry	01
57	Premlata Kumari	Journal of AOAC INTERNATIONAL	01
58	Ketan Kuperkar	Journal - SYNLETT	01
59	Togati Naveen	Journal of Organic Chemistry	01
		olied Mathematics & Humanities Department	
1	A. K. Shukla	Reviewed a research article in Mathematics for the Journal of Indian Mathematical Society (Scopus	01
2	A. K. Shukla	Reviewed a research article in Mathematics for Advanced Studies in Contemporary Mathematics, Korea (Scopus).	01
3	A. K. Shukla	Reviewed a research article in Mathematics for Palestine Journal of Mathematics (Indexed Journal).	01
4	H. P. Bulsara	International Journal of Financial Services Marketing	01
5	H. P. Bulsara	International Journal of Consumer Studies	01
6	H. P. Bulsara	Journal of Consumer Marketing	02
7	H. P. Bulsara	International Journal of Techno-entrepreneurship	01
8	Shailesh Kumar Srivastava	FIAM-2019: The Second International Conference on Frontiers in Industrial and Applied Mathematics-2019	12
9	Ramakanta Meher	Journal of Porous Media	01
10	Ramakanta Meher	Special Topics & Reviews in Porous Media	02
11	Ramakanta Meher	Journal of Applied Mathematics and Computational Mechanics	03
12	Ramakanta Meher	Ain-Sham Engineering Journal	02
13	Ramakanta Meher	Journal of Ocean Engineering and Sciences	04
14	Ramakanta Meher	Transport in Porous Media	02
15	Jayesh M. Dhodiya	VIER Journal Engineering Research	02
16	Jayesh M. Dhodiya	International conference on Research and innovation in Science Engineering and Technology	01
17	Jayesh M. Dhodiya	National Journal of System and Information Technology	01

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
18	Indira P. Debnath	Annals of Operations Research	01
19	R. K. Jana	International Journal of Mathematical, Engineering and Management Sciences	01
20	R. K. Jana	Atmosfera	01
21	R. K. Jana	African Journal of Mathematics and Computer Science Research	04
22	R. K. Jana	IET Generation, Transmission & Distribution	01
23	R. K. Jana	Abstract and Applied Analysis	01
24	R. K. Jana	Proceedings of 3rd International Conference on Engineering Mathematics and Computing (ICEMC 2020) at HIT, Haldia.	01
25	Sushil Kumar	Mathematical Methods in the Applied Sciences (Wiley Online Library)	02
26	Sushil Kumar	Mechanics Based Design of Structures and Machines, An International Journal (Taylor & Francis)	01
27	Sushil Kumar	Waves in Random and Complex Media (Taylor & Francis)	01
28	Sushil Kumar	Journal of Thermal Biology (Science direct)	02
29	Sushil Kumar	Heat and Mass Transfer. (Springer)	01
30	Sushil Kumar	International Journal of Wavelets, Multiresolution and Information Processing (World Scientific)	01
31	Sushil Kumar	Mathematical Modelling and Analysis (VGTU)	01
32	Sushil Kumar	Journal of Harbin Institute of Technology (New Series)	01
33	Sushil Kumar	PLOS ONE (Science direct)	01
		Applied Physics Department	
1	Y.A. Sonvane	Chemical Physics Letter	02
2	Y.A. Sonvane	Journal of Physical Chemistry C	01
3	D.R. Roy	Physical Chemistry Chemical Physics	02
4	D.R. Roy	RSC Advance	01
5	D.R. Roy	Solid State Communication	01
6	D.R. Roy	DAE Solid State Physics Symposium	02
7	D.R. Roy	Heliyon (Elsevier), J ChemSci (Springer), J Mol Graph Model (Elsevier), J Nano Res (Springer), Physica E (Elsevier), Pramana (Springer)	10
		Chemical Engineering Department	-
1	Dr. Z.V.P,Murthy	AlChE Journal	01
2	Dr. Z.V.P,Murthy	Chemical Engineering Journal	01
3	Dr. Z.V.P,Murthy	Chemical Engineering Research & Design	01
4	Dr. Z.V.P,Murthy	Chiang Mai Journal Of Science	01
5	Dr. Z.V.P,Murthy	Environmental Science and Pollution Research	01
6	Dr. Z.V.P,Murthy	Journal of The Chemical Society of Pakistan	01
7	Dr. Z.V.P,Murthy	Journal of Membrane Science and Research	01
8	Dr. Z.V.P,Murthy	Journal of Polymer Research	01
9	Dr. Z.V.P,Murthy	Journal of Water Supply Research and Technology- Aqua	02

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
10	Dr. Z.V.P,Murthy	Materials Research	01
11	Dr. Z.V.P,Murthy	npj Clean Water	01
12	Dr. Z.V.P,Murthy	Polish Journal of Chemical Technology	02
13	Dr. Z.V.P,Murthy	Science of the Total Environment	03
14	Dr. Z.V.P,Murthy	Separation Science and Technology	03
15	Dr. Z.V.P,Murthy	Transactions of the ASABE	02
16	Dr. P.A.Parikh		01
17	Dr. M.Chakraborty	Separation Science and Technology	01
18	Dr. M.Chakraborty	Colloids and Surfaces A	02
19	Dr. M.Chakraborty	Chemical Papers	01
20	Dr. M.Chakraborty	Journal of Environmental Chemical Engineering	01
21	Dr. Jigisha Parik	Fuel	09
22	Dr. Jigisha Parikh	ACS_Sustainable Chemistry & Engg.	04
23	Dr. Jigisha Parikh	Catalysis Today	01
24	Dr. Jigisha Parikh	ACS Omega	02
25	Dr. Jigisha Parikh	Catalysis Communications	01
26	Dr. Jigisha Parikh	Green Chemistry	01
27	Dr. Jigisha Parikh	Catalyst Science & Technology	01
28	Dr. Jigisha Parikh	J of Cleaner Production	01
29	Dr. Jigisha Parikh	Chemical Engg. Journal	01
30	Dr. Jigisha Parikh	Catalysis Letters	01
31	Dr. Jigisha Parikh	Sustainable Energy & Fuels	01
32	Dr. Jigisha Parikh	Separation Science and Technology	01
33	Dr. Jigisha Parikh	Journal of Chemical Technology & Biotechnology	01
34	Dr. Jigisha Parikh	Env. Progress & Sus Engg.	01
35	Dr. Jigisha Parikh	J of Taiwan Inst of Chemical Engg.	02
36	Dr. Jigisha Parikh	Chemical Sciences	01
37	Dr. Jigisha Parikh	New Journal of Chemistry	02
38		Industrial Crops & products Colloids & Surfaces A	02
39	Dr. Jigisha Parikh		01
40	Dr. Jigisha Parikh	Journal of Applied Research on Medicinal and Aromatic Plants	
41	Dr. Jigisha Parikh	Environmental Science and Pollution Research	03
42	Dr. Jigisha Parikh	Research on Chemical Intermediates	01
43	Dr. Chetan M. Patel	Advanced Powder technology (Elsevier)	02
44		Powder Technology (Elsevier)	03

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
86	Dr. G. C. Jadeja	Phytochemical Analysis	01
87	Dr. G. C. Jadeja	Industrial Crops and Products	01
88	Dr. Jogender Singh	Chemical Engineering Science	01
,	 	Civil Engineering Department	
1	A. Dhamaniya	Transportation Letters	03
2	A. Dhamaniya	Journal of Transportation Engineering, ASCE	02
3	A. Dhamaniya	Transportation Research Record Journal of Transportation Research Board	03
4	A. Dhamaniya	Transportation in Developing Economies	02
5	A. Dhamaniya	Journal of Traffic & Transportation Engineering	01
6	A. Dhamaniya	99 th Annual Meeting of Transportation Research Board (TRB) Washington DC, USA.	03
7	A. Dhamaniya	5 th Conference of Transportation Research Group of India (CTRG), Available Online, 2019	05
8	A. Dhamaniya	22 nd Euro Working Group on Transportation Spain	02
9	Ankesh Kumar	Shock and Vibration	01
10	Ankesh Kumar	Scientific Reports (nature)	01
11	Bandita Barman	Progress in Computational Fluid Dynamics (International Journal)	01
12	C.D. Modhera	National conference on recent advances in structural engineering, NCRSE – 2020, NIT Jamshedpur	04
13	C.D. Modhera	Journal of Building Engineering (Scopus & Science direct)	01
14	C.D. Modhera	Construction and Building Materials Journal: Elsevier Pub.	01
15	C.D. Modhera	Indian Concrete Journal	01
16	C.H. Solanki	Indian Geotechnical Conference 2019	05
17	C.H. Solanki	Indian Geotechnical Conference 2020	05
18	Chetan Patel	Current Science	02
19	D.A. Patel	International Journal of Injury Control and Safety Promotion	02
20	D.A. Patel	KSCE Journal of Civil Engineering	01
21	D.A. Patel	Journal of Legal Affairs and Dispute Resolution in Engineering and Construction	02
22	D.A. Patel	Journal of construction in Developing countries	01
23	B.K. Vendhan	Reviewer for ASCE, Journal of Materials in Civil Engineering	02
24	B.K. Vendhan	Reviewer for Construction and Building Materials Journal	03
25	B.K. Vendhan	Reviewer for Indian Concrete journal	02
26	B.K. Vendhan	Reviewer for ICBMC 2020 conference papers held at Tokyo, Japan	02
27	Ganesh D. Kale	International Conference on Sustainable Innovations in Civil and Mechanical Engineering 2020organized by SKN Sinhgad College of Engineering, Korti, Pandharpur-413304, Maharashtra, India	01
28	J.N. Patel	Hydrology Research	01
29	J.N. Patel	ISH Journal of Hydraulic Engineering	01

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
30	J.N. Patel	International Journal of Hydrology Science and Technology	01
31	J.N. Patel	Acta Geophysica	02
32	J.N. Patel	Journal of Agricultural Engineering	01
33	J.N. Patel	NUiCONE International Conference, Nirma University	02
34	K.A. Chauhan	Asian Science Bulletin	02
35	K.A. Patel	Engineering Structures Journal, Elsevier	01
36	K.A. Patel	ACI Structural Journal, American Concrete Institute (ACI)	01
37	M,M, Ahammed	Science of the total environment	01
38	M,M, Ahammed	Water research	01
39	M,M, Ahammed	Chemosphere	01
40	M,M, Ahammed	Waste management	02
41	M,M, Ahammed	Engineering reports	01
42	M,M, Ahammed	Journal of environmental chemical engineering	04
43	M,M, Ahammed	Journal of cleaner production	01
44	M,M, Ahammed	Journal of environmental management	01
45	M,M, Ahammed	Environmental technology	04
46	M,M, Ahammed	H ₂ O open	01
47	M,M, Ahammed	Environmental engineering research	05
48	M,M, Ahammed	Environment development and sustainability	03
49	M,M, Ahammed	Journal of water supply research and technology aqua	02
50	M,M, Ahammed	Water science and technology	04
51	M,M, Ahammed	Water supply	05
52	M,M, Ahammed	Journal of water process engineering	01
53	M,M, Ahammed	Springer nature applied science	01
54	M,M, Ahammed	Korean journal of chemical engineering	02
55	M,M, Ahammed	Desalination and water treatment	05
56	M,M, Ahammed	Journal of water desalination and water reuse	01
57	M,M, Ahammed	Applied water science	01
58	M,M, Ahammed	Environmental science and pollution research	04
59	M,M, Ahammed	Frontiers chemistry	01
60	M,M, Ahammed	Water and environment journal	01
61	M,M, Ahammed	International journal of sustainable engineering	02
62	M,M, Ahammed	Interntional journal of environmental science and technology	02
63	M,M, Ahammed	Water environment research	01
64	M,M, Ahammed	Clean soil water air	01
65	M,M, Ahammed	Environmental processes	01
66	M,M, Ahammed	International journal of photoremediation	02
67	M,M, Ahammed	Journal of leather science and engineering	02
68	M,M, Ahammed	Water practice technology	01
69	M,M, Ahammed	Process biochemistry	01
70	N.D. Jariwala	Second International conference on "Research and	05

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
·		Innovations in Science, Engineering and Technology ICRISET-2020	
71	N.D. Jariwala	Journal Of Optimization Research	01
72	N.D. Jariwala	Environment development and sustainability	01
73	S.M. Yadav	International Journal of Hydrology Science and Technology	01
74	S.M. Yadav	ISH Journal of Hydraulic Engineering	02
75	S.M. Yadav	Journal of Flood Risk Management	02
76	S.M. Yadav	Paddy and Water Environment	01
77	S. Patel	1 st International Symposium on construction Resources for Environmentally Sustainable Technologies, Kyushu University, Fukuoka, Japan, March 9-11, 2021	03
78	S.S. Arkatkar	Transportation Letters	02
79	S.S. Arkatkar	Journal of Transportation Engineering, ASCE	01
80	S.S. Arkatkar	Transportation Research Board/ Transportation Research Record	04
81	S.S. Arkatkar	Current science	01
82	S.S. Arkatkar	Physica A	02
83	S.S. Arkatkar	13 th International Conference of the Eastern Asia Society for Transportation Studies (EASTS) at Colombo, Srilanka	04
84	S.S. Arkatkar	5th Conference of Transportation Research Group (TRG)	05
85	P.L. Patel	Associate Editor of ISH Journal of Hydraulic Engineering, being published by Taylor&Francis, UK.	08
86	J.T. Chavda	International Journal: Geotechnical and Geological Engineering, Publisher: Springer	04
87	Y.D. Patil	Journal of Structural Engg. SERC	01
88	Y.D. Patil	Innovative Infrastructure Solutions (IISS), Springer Publications	01
		Computer Engineering Department	
1	Devesh C. Jinwala	ISEA ISAP 2020, IIT Guwahati	03
2	Devesh C. Jinwala	INDICON 2019	03
3	Mukesh A. Zaveri	Elsevier's Pattern Recognition letters	02
4	Mukesh A. Zaveri	International Journal of Disaster Risk Reduction	01
5	Mukesh A. Zaveri	Journal of the Acoustical Society of America	01
6	Mukesh A. Zaveri	Journal of Optical Engineering (SPIE)	01
7	Dipti P Rana	International Journal of Soft Computing A Fusion of Foundations, Methodologies and Applications, Springer	03
8	Dipti P Rana	International Journal of Data Technologies and Applications, Emerald	01
9	Dipti P Rana	International Conference On Computational Science And Its Applications (ICCSA) 2019, Dr. Vishwanath Karad MIT World Peace University, India	01
10	Udai Pratap Rao	IEEE Transactions on Dependable and Secure Computing	01
11	Udai Pratap Rao	Computers & Security	01

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
12	Udai Pratap Rao	Journal of Information Security and Applications	01
13	Udai Pratap Rao	International Journal of Information Security	01
14	Udai Pratap Rao	Journal of King Saud University- Computer and Information Sciences	01
15	Udai Pratap Rao	Journal of Ambient Intelligence and Humanized Computing	01
16	Udai Pratap Rao	IEEE Access	01
17	Udai Pratap Rao	SN Computer Science	02
18	Udai Pratap Rao	International Journal of Communication Systems	01
19	Balu L. Parne	International Journal of System of Systems Engineering (IJSSE)	01
20	Keyur Parmar	IEEE Transactions on Dependable and Secure Computing	01
	,	Electrical Engineering Department	
_ 1		Automatica, an IFAC Control Journal	01
2		the 21th IFAC World Congress, International Federation of Automatic Control, Berlin, Germany, 12-17 July, 2020.	02
3	S.N. Sharma	Indian Control Conference (ICC), Indian Institute of Technology Hyderabad, India, December 18-20, 2019.	01
4		The 58th IEEE Conference on Decision and Control (CDC), Palais des Congrès et des Expositions Nice Acropolis, Nice, France during December 11-13, 2019	01
_5		OSA Continuum journal (18/03/2020)	01
6		International Transaction on Electrical Energy System, Wiley Publication (2/05/2020)	01
7	A.K. Panchal	Transaction on Electrical and Electronics Materials (09/05/2020)	01
8		Materials Today, Elsevier Publication (12/07/2020)	01
9		Journal of Photovoltaics, IEEE Publications (07-08-2020)	01
10	Varsha A. Shah	9th National Power Electronics Conference 2019	02
11	H.R. Jariwala	International Conference on Computing, Power and Communication Technologies (GUCON 2019)	01
12		IET Generation, Transmission & Distribution	01
13		IEEE Transaction on Power Electronics	02
_14		IEEE Transaction on Industrial Electronics	01
15		IEEE Transaction on Industrial Application	01
16		IEEE PES Transactions on Energy Conversion	01
17	M.A. Muilla	IEEE Journal of Emerging and Selected Topics in Power Electronics	02
18		Wiley International Transactions of Electrical Energy System	06
19		ACTA Press International Journal of Power and Energy Systems	05
20	Vasundhara Mahajan	Journal of Emerging and Selected Topics in Power Electronics	06

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
21		IEEE Transactions on Power Electronics	
22		International Transactions on Electrical Energy Systems	
23]	IEEE Transactions on Sustainable Energy	
24		IEEE Access	
25		Electric Power and Renewable Energy Conference, May 29-30, 2020, National Institute of Technology Jamshedpur (NIT Jamshedpur), Jharkhand, India.	04
26		Subreviewer and reviewer of ICPS 2019, 20-22 December, Malaviya National Institute of Technology (MNIT), Jaipur, India	06
27		Simulation: Transactions of the Society for Modeling and Simulation International	01
28]	6th Indian Control Conference, 2019.	02
29	H.G. Patel	The 16th IEEE India Council International Conference (INDICON 2019) is being organized by IEEE Gujarat Section from 13 – 15 December 2019, at Marwadi University, Rajkot (GUJARAT).	05
30		IEEE Transactions on Industrial Electronics	01
31	1	IEEE Transactions on Power Electronics	01
32	1	IET Power Electronics	01
33		IET Generation, Transmission & Distribution	01
34		IET Renewable Power Generation (Associate Editor)	01
35		International Transactions on Electrical Energy Systems	01
36		IEEE Journal of Emerging and Selected Topics in Power Electronics	01
37	S.R. Arya	Journal of Electric Power Components and Systems	01
38		IEEE-Chinese Journal of Electrical Engineering	01
39		IEEE-CSEE Journal of Power and Energy Systems	01
40		9th IEEE Power India International Conference (PIICON-2020), March 2020	01
41		IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP2019), IIITDM Kancheepuram, Chennai – 600127, 2019	01
42		IEEE Power Electronics Applications & Technology in Present Energy Scenario (PETPES 2019), 2019	01
43		International Journal of Emerging Electrical Systems	02
44	Aeidapu Mahesh	Renewable and sustainable energy reviews	02
45		Soft computing	01
46	· · · · · · · · · · · · · · · · · · ·	IEEE Transactions on Industry Applications	01
47	Sanjay Tolani	6th Students' Conference on Engineering & Systems (SCES 2020)	02
48		IEEE Transactions on Industry Applications	02
49		IEEE Transactions on Energy Conversion	01
50	Rajasekharareddy	IET Generation, Distribution and Transmission	01
51	Chilpi	IETE Journal of Research	03
52		International Conference On Electrical And	02

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
		Electronics Engineering	
53		Advances in Control and Optimization of Dynamical Systems (ACODS), 2020, IIT Madras	02
54	R. Radhakrishnan	International conference on Emerging Frontiers in electrical and electronic Technologies (ICEFEET-2020), NIT Patna	01
55	Kuminaiti V. Dununan	IEEE Transactions on Power Electronics	05
56	Kunisetti V. Praveen Kumar	IEEE Transactions on Industrial Electronics	04
57		IET Power Electronics	03
58		International Transactions on Electrical Energy System	01
59		IEEE Access	02
60		IEEE Transactions on Energy Conversion	04
61		IEEE Journal of Emerging and Selected Topics in Power Electronics	01
62		PEDES 2020 Conference	02
63		ICE3 2020 Conference	04
64		INDISCON 2020 Conference	01
65		SCES 2020 Conference	01
66	Gangireddy	Proceeding of the Institute of Mechanical Engineers, Part-G: Journal of Aerospace Engineering	01
67	Sushnigdha	First IEEE Conference on Measurement, Instrumentation, Control and Automation	01
68		IEEE Transaction on Power Electronics	01
69	J. Venkataramanaiah	IEEE Transaction on Industrial Electronics	01
70	5. Venkataramanalah	IEEE Transaction on Energy conversion	01
71		IEEE Transaction on Transportation Electrification	01
		Electronics Engineering Department	
1	Abhishek Acharya	IEEE Transaction on Electron Devices	01
2	Abhishek Acharya	IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems	01
3	Abhishek Acharya	IET Renewable Power Generation	01
4	Anand D. Darji	Reviewer of Springer CSSP Journal	01
5	Anand D. Darji	"Session Chair and Reviewer of International Conference AVES 2019"	01
6	Anand D. Darji	"International Conference ET2ECN 2020"	01
7	Jigisha Patel	"Journal of Applied remote Sensing" SPIE publication"	01
8	Kamal Captain	"Served as a reviewer for Third International Conference on Emerging Technology Trends in Electronics, Communication and Networking 2020 (ET2ECN-2020)"	01
9	Kirti Inamdar	Reviewer of research paper in International Journal of Electronics	01
10	Rasika Dhavse	Reviewer for International Conference on Advances in VLSI & Embedded Systems (AVES-2019)	01
11	Shilpi Gupta	Reviewer of International Journal of IET Radar, Sonar & Navigation	01

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
12	Shilpi Gupta	Reviewer of International Journal of Electronics	01
13	Shilpi Gupta	Machine learning, Deep learning and Computational Intelligence for wireless communication (MDCWC2020)	01
14	Upena Dalal	Research Proposal Schemes (RPSS) funding schemes of AICTE, completed on 22 nd March 2020	28
15	Upena Dalal	Reviewer of EISSP 2020 by GCET	01
16	Zuber Patel	Indonesian Journal of Electrical Engineering and Computer Science (p-ISSN: 2502-4752, e-ISSN: 2502-4760).	01
17	Zuber Patel	International Conference AVES2019 (Springer sponsored) in Dec., 2019	07
18	Zuber Patel	International Conference ET2ECN2020 (Springer sponsored) in Jan., 2020	01
		Mechanical Engineering Department	
1	Shailendra Kumar	Journal of materials processing technology	02
2	Shailendra Kumar	IMechE Part B: Journal of Engineering Manufacture	01
3	Shailendra Kumar	Journal of composites	02
4	Shailendra Kumar	Journal of Industrial Textile	01
5	R. V. Rao	International Journal of Advanced Manufacturing Technology, Springer, UK	05
6	R. V. Rao	Journal of Engineering Manufacture, Sage Publishers, UK	02
7	R. V. Rao	International Journal of Production Research, Taylor & Francis, UK	01
8	R. V. Rao	Journal of Intelligent Manufacturing, Springer, UK	03
9	R. V. Rao	International Journal of Mathematical and Computer Modeling, Elsevier	01
10	R. V. Rao	Heat and Mass Transfer, Germany	02
11	R. V. Rao	Energy Sources, Part B, Springer	01
12	R. V. Rao	Journal of Manufacturing Systems, World Scientific	05
13	R. V. Rao	Arabian Journal of Science and Engineering, Springer	02
14	R. V. Rao	Information Sciences, Elsevier	04
15	R. V. Rao	Applied Soft Computing, Elsevier	04
16	R. V. Rao	Engineering Optimization, Taylor & Francis, UK	02
17	R. V. Rao	Computers & Industrial Engineering, Elsevier	02
18	R. V. Rao	Applied Mathematical Modeling, Elsevier, USA	02
19	R. V. Rao	IEEE Transactions on Industrial Informatics	01
20	R. V. Rao	International Journal of Engineering, Project and Production Management (NUS, Singapore)	02
21	R. V. Rao	Energy, Elsevier	04
22	R. V. Rao	International Journal of Industrial Engineering Computations, Growing Science, Canada	01
23	R. V. Rao	Engineering Applications of Artificial Intelligence, Elsevier	05
24	R. V. Rao	National Academy of Sciences, India Section A: Physical Sciences, Springer	02

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
25	R. V. Rao	Applied Thermal Engineering, Elsevier	03
26	R. V. Rao	Optimal Control, Industrial applications and Methods, Wiley, USA.	01
27	R. V. Rao	Journal of Computational Design and Engineering	02
28	R. V. Rao	International Journal of Machining and Machinability of Materials, Inderscience, UK	01
29	R. V. Rao	Chemical Engineering Research and Design, Elsevier	02
30	R. V. Rao	International Journal of Thermal Sciences, Elsevier	03
31	R. V. Rao	Applied Energy, Elsevier	03
32	R. V. Rao	Neural Computing and Applications, Springer	02
33	R. V. Rao	Artificial Intelligence Review, Elsevier	01
34	R. V. Rao	China Communications, Springer	02
35	R. V. Rao	International Journal of Refrigeration	02
36	R. V. Rao	Engineering Science and Technology: An International Journal, Elsevier	02
37	R. V. Rao	Computational Intelligence and Neuroscience, Hindawi	02
38	R. V. Rao	Powder Technology, Elsevier	02
39	R. V. Rao	Scientia Iranica, Iran	01
40	R. V. Rao	Multidiscipline Modeling in Materials and Structures, Taylor & Francis	01
41	R. V. Rao	Journal of Cleaner Production, Elsevier	06
42	R. V. Rao	Journal of Advances in Engineering Software, Elsevier	02
43	R. V. Rao	Journal of Electrical Engineering and Technology, Springer	02
44	R. V. Rao	Journal of Applied Mathematics and Computing, Springer	02
45	R. V. Rao	Soft Computing Letters, Elsevier	03
46	R. V. Rao	International Journal of Engineering and Technology	03
47	R. V. Rao	Journal of Micromanufacturing, Sage	03
48	R. V. Rao	Mathematical Problems in Engineering, Hindawi	02
49	R. V. Rao	The Institution of Engineers (India), Series-B, Springer	02
50	R. V. Rao	Mechanism and Machine Theory, Elsevier	02
51	R. V. Rao	Energy sources, Part-A, Elsevier	02
52	R. V. Rao	International Journal of Intelligent Computing and Cybernetics, Emerald	03
53	R. V. Rao	Engineering with Computers, Springer	02
54	R. V. Rao	Computer Methods in Biomechanics and Biomedical Engineering, Taylor and Francis	02
55	R. V. Rao	Swarm and Evolutionary Computation, Elsevier	02
56	R. V. Rao	Alexandria Engineering Journal, Elsevier	02
57	R. V. Rao	International Journal for Numerical Methods in Engineering, Wiley	02
58	R. V. Rao	SN Applied sciences, Springer	03

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.
59	R. V. Rao	ASME Journal of Manufacturing Science and Engineering, ASME	01
60	K. P. Desai	International Conference on Recent Advances in Manufacturing (RAM-2020)	01
61	A A Shaikh	Optics and Laser Technology, Elsevier, oct 2019 Int journal	01
62	Tushar N. Desai	International Journal of Quality & Reliability Management	01
63	Tushar N. Desai	Journal of Manufacturing Technology Management	01
64	Tushar N. Desai	Journal of Cleaner Production	01
65	A D Parekh	International Journal of Applied Thermal engineering	01
66	Jyoti Menghani	Advanced Composites Letters (Journal)	01
67	Jyoti Menghani	ICSICME-2020 (Conference)	02
68	Jyoti Menghani	Journal of Thermal Spray Technology (Journal)	01
69	Purnanand V Bhale	Renewable Energy Elsevier Journal, Clean Technology and Environmental Policy (Springer); International Journal of Hydrogen Energy (Elsevier); Fuel (Elsevier) 10 papers for National Conference on I C Engines and Combustion organised by NIT Kurukshetra 2019	15
70	H. K. Dave	International journal of precision technology	01
71	H. K. Dave	Journal of materials processing technology	01
72	DH. K. Dave	Journal of Advance Manufacturing Systems	01
73	Rupesh Shah	International Journal of Hydrogen Energy	01
74	Rupesh Shah	Journal of Mechanical Science and Technology	01
75	Rupesh Shah	Combustion Science and Technology	01
76	Sandeep Soni	Proceedings of the Institution of Mechanical Engineers [IMechE], Part J: Journal of Engineering Tribology, SAGE JOURNALS	02
77	Sandeep Soni	Tribology International, Elsevier	01
78	M. K. Rathod	Energy Storage	03
79	M. K. Rathod	Applied Thermal Engineering	01
80	M. K. Rathod	Heat and Mass Transfer	01
81	M. K. Rathod	Heat Transfer Asian Research	02
82	M. K. Rathod	25th National and 3rd International ISHMT-ASTFE Heat and Mass Transfer Conference	02
83	M. K. Rathod	ASME	01
84	Achchhe Lai	International Journal of Applied Mechanics (World Scientific)	02
85	Achchhe Lal	Journal of Composite Material	01
86	Achchhe Lal	SADHANA- Springer publication	02
87	Achchhe Lal	JACM	01
88	Pawan Sharma	The Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	02
89	Vipul M. Patel	International Journal of Heat and Mass Transfer	01
90	Y Naresh	Chinese Journal of Chemical Engineering	01
91	Amit Kumar	International Journal of Low Carbon Technologies	01

No.	Name of Faculty	Name of Journal or Conference	No. of Papers Reviewed.	
92	Amit Kumar	National Conference on Renewable Energy And Sustainable Environment	01	
93	Amit Kumar	International Conference on Functional Materials, Manufacturing And Performances	02	
94	Prabhansu	Proceedings of the iMeche, Part-E, Journal of process Mechanical Engineering, SAGE publication	01	
95	Prabhansu	Particulate Science and Technology, Taylor & Francis Publisher	01	
96	Prabhansu	International Journal of Engineering, Science and Technology (IJEST)	01	
97	Amrut Mulay	International Conference in Recent Advancement in Manufacturing 2020 at SVNIT Surat	03	
98	Biranchi Narayan Sahoo	International Conference in Recent Advancement in Manufacturing 2020 at SVNIT Surat	06	
99	Baraiya Nikhil A.	ASME Turbo Expo 2020	01	
100	Baraiya Nikhil A.	Aircraft Engineering and Aerospace Technology	01	
101	Baraiya Nikhil A.	Journal of Aerospace Technology and Management	01	
102	Rohan Pande	Environment, Development and Sustainability Journal, Springer (SCI)	01	

(x) Patents Details of Patent Granted / Filed

No.	Name of Inventors	Title of Invention	Date of Application of grant	Application No. and status
		Applied Chemistry Depar	tment	
1	Bharat Dholakiya	Novel biologically active maleimide compounds and use thereof	24/02/2020 Patent no. 327323	2604/MUM/2014 Granted
2	Bharat Dholakiya	Novel process for the preparation of furan 2, 5,-dione derivatives	16/03/2020 Patent no. 334762	2607/MUM/2014 Granted
3	Kalpana C. Maheria, Mistry Sunilkumar Rameshchandra	An improved process for the preparation of Diarylpyrimidin- 2(1H)-Ones	30 / 08 / 2019 Patent No.: 319508	Granted
4	Smita Jauhari, Annirudh Rana, K.R.Desai	Novel 6-Nitro-3-(4-oxo-thiazolidin- 2- ylideneamino)-2-phenyl-3H- quinazolin-4- one and 5-	: 08.05.2020 Patent No: 336571	149/MUM/2013 Granted
		benzylidine derivatives thereof		
4	Asfak Yunus Patel,	Chemical Engineering Department Water Purifier	27/03/2020	328636-001
1	Asiak funds Fater, Alka Arvind Kumar Mungray, Arvind Kumar Mungray	water rumer	21103/2020	Applied
2	Asfak Yunus Patel, Alka Arvind Kumar Mungray, Arvind Kumar Mungray	Vertical Upward Flow Forward Osmosis (VUF-FO) reactor integrated with Membrane distillation to obtain pure water	28/07/2020	Provisional patent Applied
		Civil Engineering Depart	ment	
1	Pooja Rao, A. K. Desai, C. H. Solanki	Apparatus for generation of vibrations due to cyclic loading		201921023373 Patent filed
2	Hrishikesh Shahane, S. Patel	Method for producing angular shaped fly ash aggregate		201921002003 Patent filed
3	Sudhir Gayke, A. K. Desai	Polyethylene terephthalate bottle fiber with knot		326012001 Patetn filed
		Electrical Engineering Depart		
1	Mahmadasraf A. Mulla, and Rajan V. Vamja	Multipurpose battery-assisted solar-powered water pumping system	Application date:28/05/2020	Application No. 202021022353
			Publication Date:12/06/2020	applied
2	Y Suresh, and J Venkataramanalah	Method, system and apparatus for converting single dc to three phase using unidirectional sinewave generators	08-06-2020	Application No. 202041023872

ANNUAL ACCOUNT 2019 - 2020



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

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

STATEMENT OF ACCOUNTS OF SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY

ICHCHHANATH, SURAT

ACCOUNTING YEAR ENDING
ON
31/03/2020

भारतीय लेखापरीक्षा एवं लेखा विभाग कार्यालय प्रधान निदेशक लेखापरीक्षा (केन्द्रीय) लेखापरीक्षा भवन, नवरंगपुरा, अहमदाबाद - 380 009



INDIAN AUDIT & ACCOUNTS DEPARTMENT Office of the Principal Director of Audit (Central) Audit Bhavan, Navrangpura, Ahmedabad - 380 009

DATE 31 (91) 2021...
SECTION ACCOUNT

संख्या : CAE/SAR/SVNIT Surat /2020-21/ ow - 169

^{देनाक}ः 13-1 - 21

सेवा में.

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

S.V.N.I.T. SURAT-395007 Inward No. 90. Dt. 15 11 1202 1 Sign. 12. Depti/Sec. P.T.C. (AICS.)

विषय : Sardar Vallabhbhai National Institute of Technology, Surat के वर्ष 2019-20 के लेखाओं पर पृथक लेखापरीक्षा प्रतिवेदन

महोदय,

The Annual account of the Sardar Vallabhbhai National Institute of Technology, Surat for the year 2019-20 were audited between 25/09/2020 to 13/10/2020 under section 19(2) of the Comptroller & Auditor General of India's (DPC) Act, 1971.

The following documents are sent herewith:

1) Separate Audit Report and Annexure-A for the year 2019-20.

2) Certified copy of Annual Accounts of SVNIT, Surat for the year 2019-20.

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

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

संलग्न : उपर्युक्त

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

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

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

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

To Registrar / 110 CAC)

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

Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of Sardar Vallabhbhai National Institute of Technology, Surat for the year ended 31 March 2020

We have audited the attached Balance Sheet of Sardar Vallabhbhai National Institute of Technology, Surat as on 31 March 2020, the Income and Expenditure Account and Receipts & Payment Account for the year ended on that date under Section 19 (2) of the Comptroller & Auditor General's (Duties, Power & Condition of Services) Act, 1971 read with Section 22 (2) of National Institute of Technology Act, 2007. These financial statements are the responsibility of Sardar Vallabhbhai National Institute of Technology, Surat's Management. Our responsibility is to express an opinion on these financial statements based on our audit.

- 2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.
- 3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on test basis, evidences supporting the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
- 4. Based on our audit, we report that:
- i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
- ii. The Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this Report have been drawn up in new format approved by Ministry of Human Resources Department;
- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Sardar Vallabhbhai National Institute of Technology, Surat required under Section 22 (1) of NIT Act, 2007 so far as it appears from our examination of such books.

We further report that:

A. Balance Sheet:

A.1 Sources of Funds

Current Liabilities and Provisions (Schedule 3)

The Institute had received grant of ₹ 147.47 erore. Out of this, the grant utilized as per MHRD format is ₹ 115.38 erore¹, the unutilized grant being ₹ 32.09 erore. However the Institute had not shown unutilized grants in Schedule 3. This resulted in understatement of Current Liabilities and Provisions and overstatement of Corpus Fund by ₹ 32.09 erore. Further the Schedules 3, 3(C) and 10 are not prepared and disclosures are also not as per MHRD format.

B. Income and Expenditure Account:

B.1 Expenditure

Depreciation (Schedule 4) – ₹ 26.17 crore

As per the note 4.2, Schedule 23 "Significant Accounting Policies" of the formats of financial statements prescribed by the MHRD for Central Higher Educational Institutions, Electronic Journals (E-Journals) are separated from Library Books in view of the limited benefit that could be derived from the on-line access provided. E-journals are not in a tangible form, but temporarily capitalized and in view of the magnitude of expenditure and the benefit derived in terms of perpetual knowledge acquired by the Academic and Research Staff; Depreciation is provided in respect of E-journals at a higher rate of 40% as against depreciation of 10% provided in respect of Library Books. Further, note 3.5 prescribes that depreciation is provided for the whole year on additions during the year.

The Institute subscribed for E-journals having a subscription period of 01 January 2020 to 31 December 2020. The Institute did not provide for the subscription amount of ₹ 2.37 crore in the financial statements. Further, as per note 3.5, depreciation of ₹ 0.95 crore (₹ 2.37 crore * 40%) was to be charged on such assets for the whole year 2019-20.

This has resulted in understatement of fixed assets by ₹ 1.42 erore, capital/corpus fund by ₹ 2.37 erore and overstatement of "excess of income over expenditure" by ₹ 0.95 erore.

C. General

Revenue Expenditure ₹ 122.95 crore add Capital Expenditure ₹ 4.42 crore add ₹ 14.18 crore Retirement Benefits (Schedule 15) less Depreciation ₹ 26.17 crore.

C.1 Application of Funds

Loans, Advances and Deposits (Schedule 8) - ₹ 50.60 crore

The above balance includes ₹ 4.57 crore towards interest receivable on FD (income accrued on investment). Audit noticed that the actual interest from investment including interest accrued for the year was ₹ 3.50 crore (actual interest received ₹ 1.49 erore plus interest accrued ₹ 2.01 crore). Hence, the balance of interest accrued shown in Schedule 8 pertained to earlier years also and would have been booked as income by the Institute in respective years. Interest accrued in one year is generally received in coming years. In absence of detailed year-wise breakup of ₹ 4.57 crore, audit cannot comment exactly to which year this pertains and reasons for its pendency in accounts.

C.2 Application of Funds

Current Liabilities and Provisions

Provisions (Schedule 3B) – ₹ 5.13 crore

Audit scrutiny of records revealed that Pension, Salary and allowances of ₹ 4.76 crore payable to staff for the month of March 2020 was depicted under 'Provisions'. As per the format prescribed by MHRD for Annual Accounts of Central Educational Institutions, Salaries payable should be depicted under 'Current Liabilities' (Schedule 3A: Sl. No. 6(a) Other Current Liabilities-Salaries).

C.3 Significant Accounting Policies (Schedule 23)

As per Para 6 of the Schedule 23 Significant Accounting Policy of the Format of Financial Statement for Central Higher Educational Institutions prescribed by MHRD, Government of India, retirement benefits of the employees are needed to be accounted on actuarial basis.

However, the Institute has not provided for the retirement benefits on actuarial basis and instead accounting the same on cash basis in current year also.

C.4 Balance Sheet

Application of Funds

Current Assets (Schedule-7) - ₹ 66.17 crore

The above balance includes ₹ 59.15 crore under Sl. No. 3 (A) Bank Balances with Scheduled Banks. There is a difference of ₹ 1.69 crore between balance figures as per Bank Book maintained by the Institute (₹ 3.53 crore) and balance certified by the Bank (₹ 5.22 crore) as on 31 March 2020, in SBI Bank Account No. 10023050019 and the

difference has not been reconciled. In the absence of which, audit is unable to verify the correctness of the balance.

C.5 Schedule 24 – Contingent Liabilities and Notes to Accounts

As per Note 15 of the 'Guidance Notes for the Second and subsequent years, after change over to the Accrual System' stipulated in the formats of financial statements prescribed by Ministry of Human Resource Development (MHRD), assets acquired from sponsored project funds should be separately disclosed. During the year 2019-20, the Institute incurred ₹ 3.34 crore towards capital expenditure out of the funds of the sponsored projects. Such assets should have been disclosed separately. The Notes to Accounts were deficient to that extent.

C.6 Non classification of Equipment as prescribed by MHRD

According to format of Financial Statements for Central Higher Educational Institutions prescribed by Ministry of Human Resource Development (MHRD). Government of India, the rates of depreciation on Fixed Assets mentioned below has been prescribed as under:

Sl. No	Classification of Tangible Assets	Rate of Depreciation
(i)	Electrical Installation and equipment	5%
(ii)	Plant & Machinery	5%
(iii)	Scientific & Laboratory Equipment	8%
(iv)	Office Equipment	7.5%
(v)	Audio Visual Equipment	7.5%

During scrutiny of the records it was observed that the Institute has not classified the category of assets and charged depreciation at flat rate of 8%. The Institute had purchased Equipment worth ₹ 73.99 lakh during 2019-20.

Due to non-classification of the above assets as prescribed by MHRD, audit could not ascertain the correct depreciation chargeable on these assets.

C.7 Schedule 23: Significant Accounting Policies

As per para 46A of the Accounting Standard (AS) 11, any exchange difference arising on acquisition of depreciable assets, should be added to or deducted from the cost of the asset and should be depreciated over the useful life of the asset.

On test check of the records of purchase of E-subscriptions, audit observed that the Institute was booking expenditure on the date when the bank releases the payment and not on the date of invoice. This was against the concept of accrual basis of accounting. Further, due to

this accounting treatment given by the Institute being the booking date and the payment date was same; it did not recognize net exchange gain or loss in respect of such transactions settled during the year. This is in violation of the provisions of the AS 11.

C.8 Schedule 24 - Contingent Liabilities and Notes on Accounts

Item 3 of Schedule 24 – Contingent Liabilities and Notes on Accounts of the Formats of Financial Statements for Central Higher Educational Institutions prescribed by MHRD requires that as per 'Accounting Standard (AS) 18, Related Party Disclosures', be made in respect of related party transactions. The related party includes key managerial personnel (KMP) in the educational institution who have the authority and responsibility for planning, directing and controlling the activities of the educational institution and includes Principal/ Vice Chancellor.

Keeping in view the involvement of public funds and in the context of an educational institution, the transactions between the educational institution and its KMP or relatives of KMP should be made in a note to the financial statements of the educational institution.

In view of the above guideline, the Institute should have disclosed the transactions during the year 2019-20 with its KMP in the notes to the financial statements. The notes to the financial statements are deficient to that extent.

E. Grant in Aid

The grants in aid received during 2019-20 was ₹ 147.47 crore The Institute utilised a sum of ₹ 115.38 crore leaving unutilised grants in aid of ₹ 32.09 crore

F. Net Effect of Comments on Accounts

The net effect of audit comments is that the Assets are understated by ₹ 1.42 crore, Liabilities understated by ₹ 2.37 crore and the surplus during the year is overstated by ₹ 0.95 crore.

- i. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipt & Payments Account dealt with by this report are in agreement with the books of accounts.
- ii. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and

Notes on Accounts and subject to the significant matters stated above and other matters mentioned in Annexure A to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.

- (a) In so far as it relates to the Balance Sheets, of the state of affairs of the Sardar Vallabhbhai National Institute of Technology, Surat as at 31 March 2020 and
- (b) In so far as it relates to Income & Expenditure Account of the Deficit for the year ended on that date.

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

Place: Ahmedabad

Date: 13.01.21

Annexure A to Audit Report

1. Adequacy of Internal Audit System

The Institute does not have an Internal Audit Wing. Besides, no Internal Audit Manual has been prepared. Internal Audit of the Institute for the year 2019-20 was carried out by Chartered Accountant appointed on contract basis. Internal audit does not cover all activities/wings of the Institute.

2. Adequacy of Internal Control System

Item wise Fixed Assets Register is not being maintained as per the Provision of the General Financial Rules. The Institute does not have Accounting Manuals. No surprise check of the cash is carried out periodically. The internal control system is not adequate and commensurate with the size and nature of Institute.

3. System of physical verification of Fixed Assets

Physical verification of Fixed Assets pertaining to projects only was carried out during 2019-20.

Sr. Audit Officer/CA (E)

4. System of physical verification of inventory

Physical verification of inventory was not carried out during 2019-20.

5. Regularity in payment of statutory dues

The Institute is regular in depositing the statutory dues.

7

SARDAR VALLÁBHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 BALANCE SHEET AS AT 31ST MARCH 2020

			Amount in Rupees
SOURCES OF FUND	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
CORPUS / CAPITAL FUND	П	6,06,12,61,524.60	5.54.41.84.179.86
DESIGNATED / EARMARKED / ENDOWMENT FUNDS	2	12.80.11.024.03	11 08 40 502 05
CURRENT LIABILITIES & PROVISIONS	'n	10 010 10 09 09	11,00,43,002.33
	י	75.01.01.00,00	72,82,85,884.86
IOIAL		6,79,52,74,359.60	6,38,33,19,667.67

APPLICATION OF FUNDS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
FIXED ASSETS			
Tangible Assets		5,24,04,15,556.98	5,45,78,47,349.06
Intangible Assets	4	1,94,17,105.40	2,57,02,015.40
Capital Works-In-Progress			
	•		
INVESTMENTS OUT OF CORPUS/EARMARKED / ENDOWMENT FUNDS	ιΛ	36,71,12,301.57	24,60,02,382.11
INVESTMENTS - OTHERS	9	6,03,587.00	6,03,587.00
CURRENT ASSETS		66,17,16,963.22	29,13,44,709.78
LOANS, ADVANCES & DEPOSITS	80	50,60,08,845.43	36,18,19,624.32
TOTAL		6,79,52,74,359.60	6,38,33,19,667.67

23 बार नेखा परीका अधिकारी Sr. Audit Officer CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS

SIGNIFICANT ACCOUNTING POLICIES

Audil Bhavan, Kartangpura, Ahmedande verted लेखापरीमा भदन, नवरागुरा, अस्तव्बाह्न-३२०१९ क्रमित्वय प्रधान निकाक लेखा प्रतिस (कर्मच) गुरु Unite of its Principal Giester of Astel (Seital) हो

I/C Dy. Registrar (A/c.)

Date: 18th June 2020

Place: Surat

246

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2020

				Amount in Rupees
	PARTICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS VEAR
	INCOME			
,	Academic Receipts	6	34.19.46.167.73	30 69 80 393 38
	Grants /Subsidies	13	1.45.87.00.000.00	50.00.00.00.00
1	Income from investment	11	3 49 89 378 46	3 36 16 380 32
	Interest Earned	12	21,68,066,00	30.67.628.71
8	Other Income	13	2,77,86,701.75	14.07,98.216.88
₽ŧ	Prior Period Income	14	•	
)	TOTAL (A)		1,86,55,90,313.94	98,44,62,619.29
	APPLICATION OF FLINDS	SCHEDULE	CURRENT VEAR	PREVIOUS VEAR
	EXDENDITIBE			
	Ctaff Daymont & Bonofite (Establishment expenses)	7,	75 17 56 069 00	72 02 95 206 95
	ייין מאוויין פי ספוופוויס (בסמשמיווייקור פאספוזיפט)	} ;		CC:07.CC;20;C;
	Academic Expenses	16	21,00,41,135.00	16,27,46,253.00
	Administrative and General Expenses	17	13,70,78,259.20	18,56,13,107.46
	Transportation Expenses	18	·	
	Repairs & Maintenance	19	3,79,48,032.00	4,22,46,456.00
	Finance costs	20	19,468.92	25,557.10
1	Depreciation	4	26,17,03,496.08	25,38,03,134.54
1	Other Expenses	21		
	Prior Period Expenses	22	1 .	£
	TOTAL (B)		1,39,85,46,460.20	1,37,47,29,715.05
	Balance being excess of Income over Expenditure (A-B)		46,70,43,853.74	-39,02,67,095.76
	Transfer to /from Designated Fund	•		
	Building fund			
	Others (specify)			
	Balance Being Surplus / (deficit) Carried to Capital Fund		46,70,43,853.74	-39,02,67,095.76
	SIGNIFICANT ACCOUNTING POLICIES	23		-
				•

Director

Office of the Principal Director of Asoft (Gentral), Eviand लेखापरीका भवन, नवरंगपुरा, अहमबन्बार-3892मा

Audit Bhaven, Navrangpura, Admesaage-berge

I/C Dy. Registrar (A/c.)

कार्यालय प्रधान निदेशक लेखा प्रीसा (केन्द्रीय) गुन्शात

वरि'र्नर्खी परीका अधिकारी Sr. Audit Officer

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS

Date: 18th June 2020

Place: Surat

SARDAR VALLABHBHAI NATIONAL INSTRIUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020

SCHEDULE - 1 : CORPUS / CAPITAL FUND

Ra			
Ra	Particulars	CURRENT YEAR	PREVIOUS YEAR
5	Balance at the beginning of the year	5,54,41,84,179.86	-2,39,21,07,713.38
Add: Cor	Contribution towards Corpus / Capital Fund	5,75,75,325.00	3,07,322.00
Add: Gra	Grants from Govt. Of India to the extent utilized for Capital expenditure (Capital Fund	1,60,00,000:00	8,34,18,13,791.00
Add: Ass	Assets purchased out of Earmarked fund	t	1
Add: Ass	Assets purchased out of sponsered projects, where ownership vests in the institute	t,	1
	Asset Donated / Gift Received	1	
•	Other Additions	1	
	Excess of Income over expenditure transferred from 1/E Account	1	ŀ
	Institute's Corpus Fund (U.G.) (5/148)	-1,13,47,589.00	61,96,175.00
	Institute's Corpus Fund (P.G.) (5/149)	-65,71,951.00	31,36,151.00
	Institute's Corpus Fund (M.Sc.) (5/163)	-73,000.00	73,000.00
	Institute's Corpus Fund (Ph.D.) (5/321)	18,72,000.00	
	Admission Fee (UG) 1/188	ı	•
	Admission Fee (PG) 1/189	ı	i i i i i i i i i i i i i i i i i i i
Add: Ac	Admission Fee (M.Sc.)	ı	12,000.00
	Admission Fee (PGC)	1	4,00,000.00
	Admission Fee (One Time C)	•	7,05,000.00
·	IRG (Internal revenue Generation)	3,88,825.00	1
	R & C Reserve & Surplus	١.	2,26,400.00
	IN CONTROLL FILE	1	-2,82,22,000.00
	COMIT Development Find 5/46	-78,10,119.00	19,11,150.00
	Syvin Development of the System of the transferred from Income & Exp. A/c	46,70,43,853.74	•
•	Excess of modified over cybridges a grant from Income & Exp. A/c	1	-39,02,67,095.76
Less: E)	Coess of Experiques over income transfer morn morns of the Total	6,06,12,61,524.60	5,54,41,84,179.86
	BAI ANCE AT THE YEAR END (A)	6,06,12,61,524.60	5,54,41,84,1/9.86

SARDAR VALLABHBHAI NATIONAL-INSTITUTE OF TECHNOLOGY, SURAT-395007. SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020

SCHEDULE - 2: DESIGNATED / EARMARKED / ENDOWMENT FUNDS

9,42,43,745.95 19,38,341.00 42,50,649.00 61,88,990.00 11,08,49,602.95 Amount in Rupees 11,70,38,592.95 Previous Year 11,08,49,602.95 12,82,68,674.03 2,57,650.00 2,57,650.00 12,80,11,024.03 **Current Year** 82,67,769.50 20,32,351.00 1,03,00,120.50 1,03,00,120.50 Consultancy Staff Fund 5/239 Dean Office Project 23,53,972.45 14,12,982.00 37,66,954.45 37,66,954,45 Upgradation Fund ~ (Project Overhead) Professional Fund wise Breakup 2,59;27,757:00 Professional Upgradation Fund - (Testing/Consultancy) 2,85,71,700:00 2,35,71,700.00 5,38,43,432.00 5,05,51,182.00 32,92,250.00 2,57,650.00 2,57,650.00 5,35,85,782.00 Development Fund Department 2,27,48,922.00 Discretionery fund) 5/238. 3,17,86,467.08 3,17,86,467.08 Institute Fund (dir. Utilization /Expenditure towards objective of funds c) Income from Investments made of the funds d) Accrued Interest on Investments/Advances Closing balance at the year end (1) (A-B) Less: Receivable from Institute Account f) Other additions (specify nature) Particulars e) Interest on Savings Bank a/c. Total (A) Total (B) iii)Temporary loan to Institute Total nterest accrued but not due b) Additions during the year ii] Revenue Expenditure Cash and Bank Balances Capital Expenditure a) Opening Balance Represented by Investment

SARDAR VALLABHBHALNATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 315T MARCH 2020

SCHEDULE - 2 : DESIGNATED / EARMARKED / ENDOWMENT FUNDS

							A man of the state
,	:		Fund Wise Breakup	reakup		T ₀	Total
Particulars		Instt. Dev. Fund	Employees Welfare Fund	Deptt. Promotion Fund	Virtual Class Room	Current Year	Previous Year
(2): A.							
a) Opening Balance				- - -	-		
b) Additions during the year		•		•	•		
c) Income from Investments made of the funds		•	•	•	•		•
d) Accrued Interest on Investments/Advances	•	•	, ,	•	•	. 1	
e) Interest on Savings Bank a/c.	•	•			.•	•	
f) Other additions (specify nature)	•			•	1	1	
Total (A)		•	•			,	
B. Utilization /Expenditure towards objective of funds							
i) Capital Expenditure			-			•	
ii) Revenue Expenditure					,	•	•
Total (B)		•	•	•	1		
Closing balance at the year end (2):(A-B)	•			•	•	'	
Represented by						·	•
Cash and Bank Balances				7 4 children .			
Investment Interaccrued but not due-			השומה ואיון ווהנותוב איר	I II III SIII (III A)			
Total	,	•		•	•	-	

SARDAR VALLABHBHAFNATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 315T MARCH 2020

SCHEDULE - 2: DESIGNATED / EARMARKED / ENDOWMENT FUNDS

							Amount in Rupees
Particulars			Fund Wise Breakup	reakup		, I-	Total
		Gratuity Fund	Student Aid Fund	;		Current Year	Previous Year
(3): A.			-				
a) Opening Balance							
b) Additions during the year					•	•	•
c) Income from Investments made of the funds	•	.•	•		•	•	1
d) Accrued Interest on Investments/Advances	,	•				•	•
e) Interestion Savings Bank a/c.						•	•
f) Other additions (specify nature)	•		•	•	•		•
Total (A)			•				
83.							
Utilization/Expenditure towards objective of funds							
i) Capital Expenditure				,			
ii) Revenue Expenditure	•	•	- •	ı	. •	•	
Total (B)	•	•	•		•		
Closing balance at the year end (3): (A-B)		•	•				٠
Represented by				,	ı		
Cash and Bank Balances		1			•	•	
Investment	•			1		•	,
Interest addrued but not due			•	-	•	•	
Total		-	•	•		1	
Closing balance at the year end (1+2+3)		-		-	-		,

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020

SCHEDULE: 2A : ENDOWMENT FUNDS

										Am	Amount in Rupees
꺙		Opening Balance	Balance	Addition dur	Addition during the year	T	Total	Exnenditure on		Closing Balance	
No.	Name of the Endowment	Endowment	Accumulated Interest	Endowment	Interest	Endowms-nt (3+5)	Endowmant (Accumulated during the year 3+5) Interest (4+6)	the object during the year	Endowment	Accumulated Interest	Total (10+11)
	2	3	4	5	9	7	α	σ	-		1
										11	77
					4						
-1				,							
	TOTAL			•	•	•	•	,	1		•

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007
SCHEDULE: 3: CURRENT LIABILITIES AND PROVISIONS

PARTICITAR		Amount in Rupees
A CIDOENT I Mail Trice	CURRENT YEAR	PREVIOUS YEAR
CONCENT EMBILITIES		
1. Deposits from staff		
2. Deposits from Students		,
3. Sundry Creditors	• 1	1 ,
a) For Goods & Services		
b) Others (Refer Note No. 1)	7 18 82 193 95	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
4. Deposits - Others (including EMD, Security Deposit)		77.46/140.41
5. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS,NPS)	1.47.38.538.00	1 47 38 538 00
Liabilities against Sponsored Project(Performance Security)		מטיסבריסכי ידיד
6. Other Current Liabilities	1	, ,
a) Salaries (project)	1	
b) Receipts against sponsored projects		•
c) Receipts against sponsored fellowships & Scholarship	2,07,48,568.84	2.37,93.117,84
d) Unutilized Grants		
Under Plan Grants	•	
Under Non-Plan Grants		
e) Grants in Advance	•	. •
f) Other funds	1	•
g) Other liabilities	1.	
NBCC Ltd. Payable	21,78,310.00	21,78,310.00
R. N. Dobariya (Amount Payable) 2/238	8,63,875.00	8,63,875.00
Deferred Credit Liabilities	22,85,22,166.91	. 22,15,97,213.22
Other Current Liabilities (Refer Note No. 2)	20,86,07,033.39	24,19,36,440.20
Total (A)	1 49,75,40,686.10	51,34,40,240.47

B. PROVISIONS	1		
1. For Taxation			
2. Gratuity		•	
3. Pension Payable 1/341	,	87,95,001.00	80.53.355.00
4. Accumulated Leave encashment			
5. Trade Warranties/Claims		•	•
6. Salary & Allowance Payable to Staff		3,88,11,047.00	3,32,27,821.00
7. Provision for Works and Plan others			•
8. M. & R. Land & Bidg.		•	
9. Temp. Staff Daily Wages Payable.		•	•
10. Telephone Charges.		•	
11. Dr. Mayank Desai Group Ins. Payable	. \	13,544.00	13,544.00
12. Other Payable		36,72,146.00	34,93,620.00
13. Pay of Establishment UG Payable			28,86,700.00
14. Pay of Officer UG Payable			2,39,63,180.00
15. DA of Officer Payable			51,44,861.00
16. DA of Establishment Payable			3,46,404.00
17. TA of Officer Payable			13,03,168.00
18. TA of Establishment Payable		1	2,78,208.00
19. HRA of Officer Payable		•	18,45,878.00
20. HRA of Establishment Payable		•	2,45,504.00
21. Honorarium of Officer Payable		•	. 67,000.00
22. Honorarium of Establishment Payable		•	00:006
23. Non-practice Allowance of Officer Payable		1	13,368.00
24. Provision for Expense			5,38,67,066.00
	Total (B)	5,12,91,738.00	13,47,50,577.00
TOTAL (A+B)		54,88,32,424.10	64,81,90,817.47

Sundry Creditors Others: (Note No. 1)

Section Control Cont	Particulars	Or other temporal	
India) Private Limited India) India	Chri Cayed Boodlawels	Aillouit 2019-20	Amount 2018-19
Private Limited	State Sayon Danklaward	2,756.00	2,756.00
Private Limited		16,071.00	16,071.00
uction 1,575.00 uction 5,500.00 1,275.00 1,770.00 1,770.00 1,770.00 1,770.00 1,770.00 1,770.00 1,770.00 1,770.00 1,000.00 1,	G4S Secure Solution (India) Private Limited	61,79,808.46	61,79,808.46
duction S-45,000.00 S-5,000.00 S-	MED Sh. Rajendra Parmar	595.00	595.00
Production - 5,45,000 00 - 5,4 Production - 5,45,000 00 - 5,4 Production - 5,500 00 - 5,000 00 Production betwee	M/s. 3 Star J.T.R. Traveis	1,575.00	1,575.00
Systems Relating Service Restrict Services Restrict Serv		-5,45,000.00	5,45,000.00
1,770.00	M/s. A M Ansari	5,600.00	•
1,87,499.00 1,000.00	M/s. A M Traders	1,770.00	•
ce 100.00 (4,31,33.00 4,91,333.00 4,91,333.00 6,959.00 (1,4110.00 70,000.00	M/s. Bimla Enterprises	1,87,499.00	•
file Instruments Co. 4,91,133.00 6,989.00 6,989.00 6,989.00 6,989.00 6,989.00 6,989.00 6,989.00 7,030.	M/s. Chamunda Electric Service	100.00	•
4,91,133.00 6,969.00 4,956.00 10,411.00 -70.00 70,000.00 1,93,914.00 1,355.00 2,000.00 1,000.00 1,355.00 1,000.00 1,000.00 1,000.00 1,000.00 1,000.00 2,486.00 2,410.	M/s. Dev Sports & Stationery	6,750.00	6,750.00
6,969.00 4,956.00 10,411.00 -70.00 70,000.00 1,935.00 22,126.00 3,000.00 1,000.00 1,000.00 1,825.00 1,825.00 1,825.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.200.00 2,136.200.00 2,136.200.00 2,136.200.00 2,138.2193.96 83.	M/s. DIRECTOR SVNIT CCE	4,91,133.00	-35,700.00
4,956.00 10,411.00 -70.00 70,000.00 1,93,934.00 1,355.00 2,126.00 3,000.00 1,000.00 1,000.00 1,850.00 1,850.00 2,1350.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.00 2,136.200.000 2,136.200.000 2,136.200.0000 2,136.200.0000 2,136.200.00000 2,136.200.000000000000000000000000000000000	M/s. Empire Global	00.696,9	ı
10,411.00 -70.00 -70.00 -70.00 1,93,914.00 1,355.00 22,126.00 3,000.00 113,815.00 1,000.00 1,3815.00 1,3815.00 1,3815.00 1,3810.00 1,3810.00 1,3810.00 2,650.00 2,650.00 2,650.00 2,7500.00 2,7500.00 2,718.82,143.96 83.	M/s. Environmental & Scientific Instruments Co.	4,956.00	•
ed 70,000	IM/s. Gujarat Gas Limited	10,411.00	•
r Ltd 1,93,914.00 1,93,914.00 1,135.00 2,1,126.00 3,000.00 1,94,40 1,000.00 1,3,14,00 1,000.00 1,3,14,00 1,000.00 1,3,14,00 1,3,13,00 6,644.00 7,850.00 1,3,13,00 1,1,000.00 1,1,000.00 2,1	M/s. H.B. Joshi (8/15)	-70.00	•
1,93,914.00 1,355.00 22,126.00 3,000.00 119,744.00 1,000.00 119,744.00 1,000.00 1,3815.00 6,644.00 7,850.00 1,3130.00 1,350.00 1,350.00 1,375.00 5,486.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,600.00 5,486.00 5,410.00 5,	M/s. Indian Oil Corporation Limited	70,090,00	•
1,355.00 22,126.00 3,000.00 11,000.00 11,000.00 11,000.00 11,315.00 6,644.00 7,850.00 19,130.00 1,850.00 1,850.00 1,850.00 1,970.00 1,970.00 2,486.00 2,60.00	M/s. Incarp Instruments Services	1,93,914.00	ı
22,126.00 3,000.00 19,744.00 1,000.00 13,815.00 6,644.00 7,850.00 1,850.00 1,850.00 1,97.00 3,375.00 5,486.00 23,650.00 24,600 25,000.00 1,06,200.00 24,10.00 2,410.00 2,410.00 2,18,82,143.96 88,	IM/s. Igor Globle Services India Pvt Ltd	1,355.00	1,355.00
3,000.00 adeing. 1,000.00 19,744.00 1,000.00 11,000.00 11,000.00 11,3815.00 11,3810.00 1	M/s. Khelghar.in	22,126.00	•
19,744.00 1,000.00 1,000.00 1,000.00 13,815.00 18,815.00 19,130.00 1,850.00 1,850.00 1,850.00 1,850.00 2,480.00 2,480.00 2,480.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00 2,18,82,143.96 83,	M/s. Krupa Nidhi	3,000.00	3,000.00
Parmar	M/s. Manthan Tradeing	19,744.00	19,744.00
13,815.00 6,644.00 7,850.00 1,9130.00 1,850.00 1,850.00 1,970.00 1,970.00 1,06,200.00 1,06,200.00 1,06,200.00 1,06,200.00 2,410.00 2,18,82,193.96 83,	M/s. Mudra Automation	1,000.00	•
6,644.00 7,850.00 19,130.00 1,850.00 1,850.00 1,970.00 1,970.00 1,00,23,650.00 1,06,200.00 1,06,200.00 1,06,200.00 25,500.00 1,06,200.00 25,500.00 25,500.00 27,500.00 2,18,97,193.36 83,	M/s. Natvarial Chitabhai Parmar	13,815.00	•
riwala 1,850.00 19,130.00 1,850.00 5,000.00 1,97.00 3,375.00 23,650.00 23,650.00 25,000 1,06,200.00 1,06,200.00 1,06,200.00 1,06,200.00 2,410.00 2,	M/s. NI Systems India Pvt. Ltd.	6,644.00	6,544.00
19,130.00 1,850.00 1,850.00 5,000.00 5,000.00 1,850.00 1,850.00 1,850.00 1,850.00 1,850.00 1,97.00 1,97.50 1,9	W/s. Oracle infotech	7,850.00	•
Service 1,850.00 5,000.00 5,000.00 1,850.00 5,000.00 1,97.00 3,375.00 5,486.00 5,486.00 5,410.00 5,500	IM/s. Pravinbhai Thakorbhai Jariwala	19,130.00	•
Service 5,000.00 3,375.00 3,375.00 3,375.00 3,375.00 3,375.00 3,375.00 3,375.00 3,375.00 3,375.00 3,375.00 3,375.00 2,480.00 3,000 3	M/s. Purewell	1,850.00	1,850.00
y Cleaners y Clea		2,000.00	5,000.00
y Cleaners 3,375.00 1,486.00 2,486.00 1,47 Ag. 1,49 1,49 L Kanyakumari 1,49,75,814.50 2,410.00 2,410.00 2,410.00 2,410.00 2,410.00 2,410.00 2,410.00 2,410.00 2,410.00 2,410.00	M/s. Sheela Caterers	197.00	
iya dirakumari 23,650.00 sp.00	M/s. Shree Shakti Dry Cleaners	3,375.00	3,3/5.00
23,650.00 260.00 260.00 950.00 1,06,200.00 27,500.00 2,410.00 2,410.00 83,	M/s. Sterling Labcare	5,486.00	
260.00 950.00 1,06,200.00 27,500.00 1,49,75,814.50 2,410.00 23,333,193,95	M/s. Suresh R. Dhodiva	23,650.00	
950.00 1,06,200.00 27,500.00 1,49,75,814.50 2,410.00 83,	M/s. Vivekanand Kendra Kanyakumari	260.00	260.00
1,06,200.00 27,500.00 1,49,75,814.50 2,410.00 2,410.00 83,	M/c Yopech S. Sankal	950.00	•
27,500.00 1,49,75,814.50 2,410.00 2,18,82,193,96 83,	MARK Voundort Health Solutions Put Ltd.	1,06,200.00	
1,49,75,814.50 2,410.00 2,18,82,193,96	CTTD on DCFOMC. 2019 1 K Saint Project	27,500.00	27,500.00
2,410,00	STITE OF RECONSTRUCTOR TO COMMITTEE STATE AND STATE ST	1,49,75,814.50	26,34,752.75
2.18.82.193.96	TELER-1 2018 Dr. G D Kale	2,410.00	2,410.00
		2,18,82,193,96	83,32,746.21

_	
2	ĺ
ó	
Z	
ā	١.
9	
(Note	
esi	
Ξ	
abil	
프.	
굳	
ren	
E I	
Ũ	
힏	
무	

randollars	Amount 2019-20	Amount 2018-19	٠,
Outies & Taxes (Annexure 1)	34,30,032.43	40.27.529.43	
	2,06,11,845.79	1,42,56,928.79	
FEES REFUNDABLE TO STUDENTS	30,36,000.00	30,36,000.00	
SCHOLARSHIP PAYABLE	1,60,22,985.00	3,89,836.00	
1/186 (OTHER FEES (U.G.)	-9,06,671,00	9,06,671.00	
1/187 (OTHER FEES (P.G.)	15,69,000:00	15,63,000.00	
1/284 (OTHER FEES (P.H.D.)	14,13,000.00	14,10,000.00	
1/322 (OTHER FEES (M.SC.)	12,95,000.00	12,95,000.00	
1/363 (INSTITUTIONAL OVERHEAD CHARGES)	13,11,288.00	10,27,411.00	
1/389 (E-TABLET REGISTRATION FEES (1ST YEAR STUDENT)	26,000.00	2,000.00	٠.
5/113 (CONSULTANCY (APPLIED MECHANICS)	60,241,00	60,241.00	
5/143 (TSUNAMI RELIEF FUND)	1,67,250.00	1,67,250.00	
5/145 (SAE ACTIVITIES IN "SAE" SVNIT COLL IATE CHAPTER)	1,31,181.00	1,31,181.00	
5/159 (TRAINING PROGRAMME FOR NIAL)	6,000.00	6,000.00	
S/175 (INT. CONF. ON ADVANCE IN MED)	3,98,468.00	3,98,468.00	
5/18 (EARNEST MONEY DEPOSIT (E.M.D.)	33,90,714.00	49,35,335.00	
S/192 (DASA ADMISSION FUND (SEED MONEY)	3,74,824.00	2,36,824.00	
5/193 (TRAINING PROGRAMIME FOR L&T MHI BOILERS PVT.LTD., PO.BATHA)	8,74,559.00	8,74,559.00	
5/194 (AMPD CONFERENCE2010-DR. A.A.SHAIKH)	12,179.00	12,179.00	
5/196 (R&D PROJECT :VARIABLE SPEED WIND ENERGY CONVERSION SYSTE)	50,000.00	50,000.00	•
5/19 (SECURITY DEPOSIT A/C (PARTY)	1,27,93,303.00	1,41,19,468:00	
5/201 (PRINTING CHARGES TOWARDS WORKSHOP PROCEEDING (S.M.YABAV)	2,500.00	2,500.00	
5/202 (NATIONAL WORKSHOP (FLYASH)(RAKESH KUMAR))	•	-1,20,000.00	
5/209 (INERNATIONAL CONFERENCE OF IND. ENGINEERING (DR. RAVIKAN)	1,644.00	1,644.00	
5/229 (WORKSHOP ON INTR. OF RESEARCH AND METHOD (LK SAIM)		-10,000.00	
5/234 (ALUMNI ASSO:MEMBERSHIP FEE/DONATION (PASSED OUT STUDENT)	1,09,29,738.00	1,09,29,738.00	
5/235 (INTEREST ON FD OF ALUMNI ASSO. MEMBERSHIP FEE/DONATI)	17,54,216.73	17,54,216.73	
5/25 (TESTING LAB.DEV.FUND (COLLEGE LAB)	58,96,080.58	58,96,080.58	
5/261 (COMBUSTION RELATED ACTTIVITES AND SIC AND RGD LAB. (DR. S)	2,82,428.00	3,0	
5/262 (STTP "FUNDAMENTALS AND SPECIAL TOPICS IN FLUID MECCHANIC)	3,109.00	3,109.00	
5/263 (TRAINING PROGRAMME/CONFERENCE ON MANUFACTURING)	4,67,531.00	4,67,531.00	•

100 (Constitution of the constitution of the c		
5/27 (LIBRARY DEPOSIT)	1,04,44,591.76	1,04,44,591.76
5/282 (STTP ON "ONE WEEK SNHORT TERM COURSE ON "ENLITE ELEMENE)	10,000.00	3,000.00
5/283 (AICTTE QUIP PROGRAMME FOR MITECH PHIN CHANGE WITH A	23,500.00	23,500.00
5/289 (TWO WEEK SELF FINANCE)	97,99,610.00	99,92,787.00
5/298 (W/S FOR SCIENCE TEACHERS ON "TI IRNING TRASE IN TO TOW (PR.)	20,435.00	20,435.00
5/317 (SPONSORING DEVPT, OF VOLLEY BALL CRICKET BY ALLINAMIN	4	-3,334.00
5/34 (OTHER DEPOSITS (PARTY)	10,00,000.00	10,00,000.00
5/42 (DEPOSIT OF GUIARAT GAS CONINECTION (CTARE)	1,97,356.00	1,97,356.00
5/50 (SECURITY DEPOSIT (STUDENTS)	20,000.00	18,000.00
5/51 (WORKSHOP OF METHOD & ADVATAGE OF GROUND WATER BEGINS	2,10,12,990.00	2,11,65,990.00
5/66 (TRANSCRIPT CHARGES)	-	-1,560.00
5/82 (COUNSELLING FOR ADMISSION FOR BITECH I VEAPAGE ADVICEMENT)	1,05,354.00	2,22,515.00
5/84 (PRADHAN MANTPI COANAIN SADAY VOINA)	1,53,925.00	2,21,025.00
5/87 (POLITION ISCLIFES AND MANAGEMENT OF COMPUTATION CO.	7,36,278.00	7,36,278.00
5/91 (DOMATION A ZO)	•	-2,928.00
A/24 (GDO) ID MEDICAL MICHANIST CONTRACTOR C	7,31,742.00	7,31,742.00
COE ACCOUNTS	1,24,272.00	1,17,711.00
	17,97,299.00	-17,97,299.00
Dean R & C Miscellaneous Fund A/c	-60,14,564.50	65,53,214.36
TWO -K & C	3,15,322.00	2,59,322.00
LATE PAYMENT INTEREST-ST	. 40,055.00	3,95,561.00
NATIONAL CONF. ON SUTRIM JULY-11 GJ JOSHI	38,785.00	38,785.00
Other Current Liabilities (R&C)		13,040.00
TESTING AND CONSULTANCY SERVICE	7,33,86,270.25	8,52,62,146.55
LEMPORARY ADVANCE TO HOSTEL SECTION		4,00,00,000.00
SERB Project	8,00,000.00	t
Spons. Research Project CSIR Bhatnagar	12,55,933.10	1
Contingencies Payable	1,21,632.00	4
Students	1,46,969.25	
FIST - Dept. Infra Devt. APD (Dr. Vipul Khera)	72,68,451.00	•
GIAN Course - S S Arkatkar	62,379.00	
Misc. Receipt (Liability) 5/320	31,16,909.00	•
SVRCET Alumini Association Fund 6/21	81,691.00	*
	20,86,07,033.39	24,19,36,440.20
		,,,,,

•	•
×	7
ų	:
- 2	١
- 13	,
۳	
Ó2	ť
٠,	,
U,	١
Q.)
12	i.
- 5	ľ
~	:
	,
÷	ľ
Ψ	
.=	
₹	
8	
~	
-	
٠.	
₫	

Particulars	Amount 2019-20	Amount 1040 40
		Actional ZOLO-19
GST Liability R. & C.	12 11 077 43	
GST Payable on RCM Basis	24,125,1143	39,20,390.43
New Pension scheme subscription 5/12	0,23,034,00	
NPS Employer Contribution	2,62,300.00	•
	6,825.00	6,825.00
riolessibiliai (ax 2)/	-1,560:00	14,710.00
Service Fax R. & C.	2,97,561.00	2.97.561.00
TDS CGST (1%)	2.78:369.00	
TDS SGST (1%)	2 78 369 00	
TDS (GST (2%)	0.325.00	
TDS Pavable 194- C (2%)	00.522,77,7	t
Income Tax Staff 5/8	7,724,00	1 0 0
Late Payment Interest - CT	•	1,143.00
	1	-2,13,100.00
	34,30,032,43	40.27.529.43
Annexure 2: Sundry Creditors (R&C Divison)		
	Amount 2019=20	
	77070	
ומינים או לאינים זו מינים זו מינים או מינים זו מינים או		
	70,000,00	
ACD Bhaviniben Soneria	3,500.00	
ACD Jagdish Solanki	2,749.00	
ACD Thakurbhai Solanki	2,748.00	
AMHD Mr.Divyesh Patel	1.025.00	1
AMHD Mr.Jitendra Patel	878.00	
AMHD Mr.Rahúl Ahir	878 00	
AMHD Mr.Vinay Solanki	876.00	<u></u> .
APD Dilbesh Patei	00 050	
APD Ms. Nishta Desai	400.00	
APD Sh. Pritesh Pattel	400:00	
Central Computer Centre	2.00	
CHED Mr. Prashant Surati	705.00	
COED Nitali Shah	00'009	
COED Sh. Avinash Rathod	225.00	
COED Shri Prabhat Baria	225.00	
COED Shri Ramesh K Patel	225.00	-
COED Shri Vinod Valmilk	225:00	

Creative Engineering DEAN (R & C) OFFICE STAFF Estate & Store Section						- 1	-		24,780.00
Lib Ahkit Surati ib Ashuin Solacki	•			•	ŗ				9,26,421.00 19,332.00
Lib Danish Patel									19,336.00
Lib Hansh Gamit Lib Hiren Patel			-					-	19,336.00
Lib Jitesh Arthania			•						19,325.00
Lib Ketan Sailor							•		19,336.00
Jb Mina Rathod				-					19,331.00
MED B D Umarvanshi		•							4,206.00
MED Mrs.Jigisha Bhuraiya.									15,783.00
MED Sh Arvind Solanki		,							2,165.00
MED Sh Hiren Dastania					,:				2,015.00
MED Sh Naresh Vagela		•	٠						3,905.00
MED Sh Rajendra Parmar				··.					3,905.00
Ws. Edutech India Pvt Ltd Tejas RF Component Pvt Ltd								•	1,16,00,000.00
						ļ			1,49,75,815

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020

SCHEDULE: SA : SPONSORED PROJECTS

4 Coring Solons 11,09,608.60 41,277.70 1,053.50 17,250.00 2,941.25 73,935.00 3,97,276.00 3,85,097.00 -7,548.00 1,54,603.50 82,622.00 0.00 1,83,988,00 48,717.00 79,384.00 0,03,728.50 10,08,250,00 1,61,611.00 99,791.00 4,509.00 48,928.75 1,52,074.00 10,480.50 164.00 6,064,00 27,000.00 3,443.00 2,853.00 1,13,984.00 -77,102.00 42,721.79 22,627.00 94,828.10 12,073.00 Ş -179.00 3,510.00 -4,254.00 -137.00 ·79.60 4.60 8.2 -5,362.00 1,132.04 -18,683.00 -6,980.00 Adjustment Adjustment 71,208.00 38,800.00 4,48,621.00 84,272.00 \$5,895.00 18,542,00 5,545,00 4,43,834,32 58,918.00 1.46.049.00 Refund to Agency during the year 1,16,00,000,00 19,800,00 3,48,403.00 9,76,434,50 15,48,750.00 410.00 669.00 118.00 88.50 11,81,029.50 2,81,505.00 590.00 5,71,633.00 15,08,865.00 88.50 237.76 590.00 2,00,590.00 290.00 78,951,00 Expenditure during the year 640.00 590.00 35.40 5,40,484.00 2,48,118.00 48,717.00 1,40,76,724.00 93,735.00 3,49,928.00 48,928,75, 1,52,074,00 10,590,00 12,113,00 12,1527,00 17,54,663,00 17,595,00 18,683,00 18,773,00 18,773,00 18,785,60 32,63,061.00 7,570.00 99,791.00 1,189.04 3,443.00 94,828.10 4,509.00 9,347.00 7,430.00 1,54,602.00 82,622.00 82,622.00 82,622.00 2,563.00 2,833.00 4,53,465.00 Total 9,831.00 4,559.00 1,648.00 1,621.00 4,34,664.00 1,931.00 428.00 1,267.00 1,124.00 235.00 349.00 128.00 128.00 754.00 6,631.00 406.00 352.00 114,00 26.00 169.00 169.00 53.00 713.00 2.00 65.00 5,951,32 201,00 55,781,00 16,833.00 5,809.00 Retripts other then Orant during the year 164.00 573.00 3,44,682.00 5,35,328.C0 9,23,656.00 2,770.C0 18,105.C0 7,43,141.00 58.00 44,247.00 13.502.00 Grant received during the year 1,723.00 48,693.75 1,47,125.00 10,220.00 57.00 21,873.00 4,696.00 4,775.00 13,743,60 19,611,00 -77,160,00 4,43,855,00 5,863,00 15,90,182,10 2,81,818,20 975,00 28,391,00 1,36,42,060,00 91,804,00 1,49,500,00 7,46,898,00 9,-53.00 8,308.00 -7,483.00 3,14,017.00 81,909.00 1,35,182.00 84,272,00 59,466.00 27,000.00 1,56,075.00 42,670.95 7,405.00 -7,899.00 3,43,779.00 94,802,10 ğ Opening Salance 1,36,42,060.00 91,804.00 1,49,500.00 7,46,898.00 4,52,060.00° 58,403.00° 3,84,374.00 23,569.00 18,749.60 19,611.00 -77,160.00 4,43,835.00 5,863.00 15,90,182.10 2,81,818.20 975.00 10,220.00 10,220.00 626.00 37.00 21,873.00 4,696.00 3,83,010.25 1,35,182.00 77.60 88.00 1,729.00 48,693.75 3,43,779.00 59,466.00 1,164.04 3,329.00 94,802.10 4,359.00 18,63,616.00 10,58,222.00 96,469.00 42,670.95 Ĕ 5 EST of the formative front (1) Transcruber (2).

8 DST Project on Deept. Of Guideline for grieventing (10r. Rakeniharmar). (4/170).

8 DST Project on Deept. Of Guideline for grieventing (10r. Rakeniharmar). (4/170).

9 DST Project on Deept. Of Guideline for grieventing (10r. Rakeniharmar). (4/170).

10 CST Project on Deept. Of Guideline for grieventing (10r. Rakeniharmar). (4/170).

11 DST Project on Deept. Of Intelline for Capter (10r. Rakeniharmar). (4/170).

12 DST Project on Deept. Of Intelline for Capter (10r. Rakeniharmar). (4/170).

13 DST Project on Deept. Of Intelline for Capter (10r. Rakeniharmar). (4/170).

14 DST Project on Deept. Of Capter (10r. Rakeniharmar). (4/170).

15 SERB broject Anuly of Camter (10r. Rakeniharmar). (4/170).

16 Ground Estate Project Deept. (10r. Rakeniharmar). (4/170).

17 SERB Project Strilled Novel Nanomaterials Structure Growth (10r. La. Rake). (4/181).

18 SERB Project Strilled Novel Nanomaterials Structure Growth (10r. La. Rake). (4/181).

19 CSIR Project Bodiesel Purification Preparation of (10r. La. Kahol). (4/181).

20 SERB Project Strilled Stroke (10r. Rakeniharmar). (4/181).

21 SERB Project Strilled Stroke (10r. Rakeniharmar). (4/181).

22 SERB Project Stroke (10r. Rakeniharmar). (4/181).

23 SERB Project Reporter Graybren of Prediction of near feeld (10r. R. A. Christen). (4/182).

24 SRND Project Ramential Analysis of Thermal (10r. Lanerlee) (4/192).

25 SERB Project Polymer Graybren deminicoballs for (10r. Rayers) (4/192).

26 AR09 Project Ramential Analysis of Marindoobal Protein (10r. Rayers) (4/193).

27 DST Project Use of Inverginia and Hybrid (10r. Rayers) (4/192).

28 GRB Project Application of Benthic Microbal (10r. Salhan Saho) (4/194).

29 Groundstancy of Verbal Supremolecular (10r. Salhan Saho) (4/192).

31 Genoaltency of Verbal Supremolecular (10r. Salhan Saho) (4/192).

32 Genoaltency of Verbal Supremolecular (10r. Salhan Saho) (4/192).

33 Genoaltency of Salhan Saho (10r. Rayers) (4/192).

34 Ostrobect Rayers of Genet (10r. Rayers) (10r. Rayers) 38 DNDO-rocator Unit to Drait (1974) 1973
39 DNDO-rocator Unit to Drait (1974) 1973
39 DNDO-rocator Unit to Drait (1974) 1973
30 DST project "Womain activities to theme-A(Wos-A)envittedDr Archid Mungapi(4/204)
40 BRNS Project "Development of surfacefunction lized-ci. Casurshkumar (4/205)
41 SERB project "Study of traffic (1970) 1973
42 SERB Project of "Performance of Latract lith-Model at low Dr. S privates) (4/207)
43 SERB Project of "Performance of Latract lith-Model at low Dr. S Private (4/210)
44 SERB Project of "Performance of Latract lith-Model at low Dr. S Private (4/210)
45 DST Fat Project (20. Manelari) (4/202)
46 SERB Project or "Performance of Latract lith-Model at low Dr. S Private (4/210)
47 SERB Project or "Extended Wright Type Hypergeomatric[Dr. Rarijan Kr.Jana)[4/211)
48 SERB Project or "Extended Wright Type Hypergeomatric[Dr. Rarijan Kr.Jana)[4/213)
49 SERB Project or "Extended Wright Type Hypergeomatric[Dr. Rarijan Kr.Jana)[4/213)
50 DST Reasarch Project Dr. Statysylk Parte (4/212)
51 DST-Sponsored Research Project Nimet (CD Modern) (4/216) Gulcost Project Study of Effect of Tooling on Formability Dr. H.K. Raval (19739)
Recentch Project a study on behavior of drug release stinetic (Min. ligisla Parith).[3/133)
Support of enterpreneurial and Managerial development of SNES (Dr. D v. Bhatt) (4/248). Verne of the Project Spoin, Research Proj-ADRB (Achtchelif(4/206))
 Spoin, Research Proj-Gulycoxt(C D Modhera)[3/147)
 School, Research Proj-Gulycoxt (V N Lad)[3/147)
 Spoin, Research Proj-Gulycoxt (V N Lad)[3/148]
 Spoin, Research Proj-Gulycoxt (V N Lad)[3/148]
 Spoin, Research Proj-Gulycoxt (V N Lad)[3/148]
 Spoin, Research Proj-MHRD (K O Yakav)[4/2129]
 Spoin, Research Proj-MHRD (K O Yakav)[4/2129]

Page 1 of 2

58 Ston. Research Prof. Seria (Arvind Mungray)(4/223)	134716ml	T-00317.007		12 420 000					•
59 Spon. Research Proj. DIT (4/213)	8.246.00	OCOPC 8	00.000,000	DAZET'CT	15,57,848,00	9,83,106.50	•		6,14,741.50
60 DST-Sponsored Research Project (P.A. Parikh) (4/231)	2 52 549 00:	0.240.00	AUZgo, Pule	1,881.50	9,14,989.50	8,32,593.50	79,731.00	-2,665.00	
Г	- 00'07'0'0'0'	0030000		3,740,40	3,57,258.40	4,914.00	3,46,537,40	-5,807.00	,
62 SERB - Or. Alka-Mungray (4/243)	00.125,000	3,41,317,00	4,00,000,00	6,396.00	7,47,713.00	3,52,593.50			3.95,119.50
63 SERB - Dr. Avott Meistram (4/730)	8,10,77,200	8,10,77,00	4,00,000:00	19,933.00	12,30,704.00	11,70,111.50			07 (0) 03
т	17,10,127.00	17,16,127.00	4,80,000.00	45,517.00	22,35,644,00	4,22,555.50		Ţ.	18 13 080 50
65 SERB - H.B. Mehre (4/212)	18,91,961.00	18,91,961.00	4,00,000,00	26,636.00	23,18,597.00	16,61,616.00	,		000000000000000000000000000000000000000
	12,46,773.00	12,45,773.00		31,395.00	12,78,168,00	9,28,412.00	-		3.46.755.00
7"	2,36,250.00	2,36,250.00	4,01,500.00	7,823.00	6,45,573.00	4,79,834.50			1.65.738.50
Т	15,79,121.00	15,79,121.00		28,321.00.	16,07,442,00	15,46,206.70		,	61 235 30
SO School 1. As Johnson (4/ 221)	2,37,448.00	2,37,448.00	2,00,000.00	7,523.00	4,44,971.00	4,22,791.50	,		22,179,50
т	59,41,084.60	69,41,084.60	70,34,000,00	2,39,440.00	1,42,14,524.60	89,72,694.50	,		01 OFR 12 C2
т	2,43,31,254,20	2,43,31,254.20	•	7,37,190.00	2,50,68,444.20	27,25,320,50		1	07 501 EA 55 C
Т	3,46,285.00	3,46,285.00	1,25,000.00	7,665.00	4,78,950.00	9,197,00			1.25.753.00
-1	3,04,915.00	3,04,915.00	84,000.00	2,202.00	3,91,117,00	2,91,006.00			1.00.111.00
/3 (Sponsored Research Project - UGC DAE (KHETAN KUPARKA) 4/222	5,915,00	5,915,00	2,10,684.00	1,641,00	2,18,240.00	2,17,783.00	-		457.00
- 1	1,13,919.00	1,13,919.00	7,03,495.00	13,974:00	8,31,388.00	5,43,841.50		-	2.87.545.50
	96,366,00	96,366.00		1,710.00	98,076:00	29,489.00			68.587.00
Т	1,83,456.00	1,83,456.00	2,39,580.00	1,277,00	4,24,413.00	1,84,739.70	- -		2.39.673.30
	29,74,789.00	29,74,789,00		74,757.00	30,49,546.00	14,97,386.50		٠.	15,52,159.50
_	2,38,307.00	2,38,307,00		5,947.00	2,44,254.00	2,37,337.50			6,916.50
79 DST-Fractal Metaaterial (Dr. Kirtihamdar) 4/249	6,57,570.00	6,57,570.00	•	8,744.00	6,66,314,00	4,91,813.00	11,737.72	•	1,62,763.28
_	17,25,032.00	17,25,032,00		60,264.00	17,85,296.00	34,315.00			17,50,981.00
\neg	8,23,200.00	8,23,200.00	37,04,400:00	26,254:00	45,53,854.00	1,98,019:00	,		43,55,835.00
82 SERB - Computational study on Multy (Dr. Shushilkuman) 4/246	3,32,142,00	3,32,142,00	2,70,000.00	5,532.00	6,07,674.00	4,88,964.00	-		1,18,710.00
_	4,07,761.00	4,07,761:00	4,28,246,00	3,432.00	8,39,439.00	3,92,910.00		•	5,06,529.00
	32,88,382.00	32,88,382.00	7,50,000,00	35,447,00	40,73,829.00	28,54,370.00		,	12,19,459.00
	3,51,967.00	3,51,967.00	5,11,793.00	5,331.00	8,69,091.00	3,35,932.00			5,33,159.00
86 DST TECH Data injection (Dr. Sheetal Karya) 4/257	•		9,70,000.00	10,710.00	9,80,710.00	4,71,166.00		•	5,09,544.00
87 ISRI Project Simulation & Land (Dr. R. K. Jana) 4/263	•	•	2,00,000.00	348.DQ	2,00,348.00	•	•	•	2,00,348.00
88 ROBOFEST - Gujarat (Dr. H. K. Dave) 4/259			1,50,000:00	-00'069	1,50,690.00	21,626.00	-		1,29,064.00
89 SERB - Nano Micro Particles (Dr. Sanjay Kumar Patel) 4/255			37,11,750.00	77,392,00	37,89,142.00	22,55,067.00			15,34,075.00
90 SERB Project - Linear Stability (Dr. J. Banerlee) 4/262	[•	•	2,20,000.00	358.00	2,20,358.00			•	2,20,358.00
91 SERB Project - Synthesis of Artiff, (Dr. J.K. Pankh) 4/264		•	7,00,000.00	•	2,00,000.00				2,000,000,7
	•		10,65,600.00	1,821.00.	10,67,421,00	66,000.00		-	10,01,421.00
93 Sponsored Res. Project (Inst. of Engineers) (Dr. V.D. Kalyankar), 4/258			50,000.00	879.00	50,879.00	•	•	;	50,879.00
					+				
									440
TOTAL	8,00,95,067,39	8,00,35,067,391	3,11,14,800.00	77'512'57'7	11,580,12,083.11	27.960,036.75	18,11,215,44	-/>'0K4'08	5,72,03,330,07

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020 SCHEDULE: 38: SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

			}			Amon	Amount in Rupees
		Opening Balance	gų.	Transaction d	Transaction during the year	Closing Balance as on 31.03.20	on 31.03.20
SI. NO.	Name of the Sponsor	Credit	Debit	Credit	Debit	Credit	Debit
1	2	3	4	5	9	7	8
+-1	M. Tech - Scholarship	,	· •	•		•	
2	M. Tech - Contingency		,				
m	Ph. D Scholarship 1/280		_	•			•
4	Ph. D Contingency 1/285		+	•		,	•
ιn	Other Agency - GOJ, SPDC, DST 5/2	1,98,99,193.84	-	65,13,180.00	65,56,049.00	1,98,56,324.84	
y e	Top Class SC Student 5/168	37,51,285.00	ı	•	29,94,680.00	7,56,605.00	•
	Top Class ST Student 5/169	1,42,639.00	ı		00.000,7	1,35,639.00	
	Total	2,37,93,117.84	l .	65,13,180.00	95,57,729.00	2,07,48,568.84	

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

from government.

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020

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

DAPTICITA ABS		Amount in Rupees
CHESCHAR	CURRENT YFAR	24 10 10 100
A. Plan Grants : Government of India		PREVIOUS YEAR
Balance Brought forward		
Add: Receipts during the year	45,62,89,236.15	53,85,53,099.15
Add Other additions	1	
Total (a)	45.62.89.736.15	12 OF E3 OOG 41
Less: Capital expenditure of last year (Net off depreciation)		22,02,32,033.13
Less: Utilized for Revenue Expenditure		1
	•	- 1
		8,72,63,863.00
Total (b)	•	8.22.63.863.00
Unutilized carried forward (a-b)	45,62,89,236,15	45,62,89,236,15
		orional collection
B. Grants: NON- PLAN		
Balance Brought forward	15 C C 20 35 N5 0N-	
Add: Receipts during the year	40.704,07,47,54	-28,86,98,904,98
		90,34,48,808.64
Total (c)	-49,74,76,462.34	62,07,49,903.66
Less: Refunds		
Less: Utilized for Revenue Expenditure		1 11 82 26 366 00
Less: Utilized for Capital Expenditure	. 1	
Total(d)		111 02 25 25 00
		1,00,000,00,00,00

-49,74,76,462.34

-49,74,76,462.34

-4,11,87,226.19

-4,11,87,226.19

GRAND TOTAL (A+B)

Unutilized carried forward (c-d)

Sardar Vállabhbhárnátional Institute of Technology, Surat-395007

			-								
Assets Hends	% Dep. charged		Gross Block	ŧ						A Property of Contract of Cont	
TANGIBLE ASSETS	-	Op Balance 01.04.2019	Additions	Dadoctlon	Table 1		9 "	Year-2019-20		Net Block	ock
1 Lind & Land Development	0	25,00,737,00			and the state of t	neb obeniul palance	Depreciation for the Year	THE WOOD AND THE WOOD THE WOOD AND THE WOOD THE WOOD AND	Total Deprecations	31.03.2070	31.03.2019
2 Sylidings	%	6.20.90,46,772.00	34.42.999.00		26,00,737.00					26.00 727.00	100 11
3 Campound wall	7%	4.05,80.216,00	ACCOUNTS OF THE PARTY OF THE PA		6,77,789,771.00	1,66,53,76,375.86	14,15,94,151.16		1,80,70,70,537.02	4.40 54.19 233 98	1 54 35 70 305 14
4 'quipments (Out of annual plan gran	8%	48,61,39,898,00	61.53 207 00		4,06,80,216,00	1,63,96,533.06	5,05,910.00		1,69,02,443.06	237.77.72.94	47. 83 687 64 7 67 83 687 64
5 _ quipments (Out of project grant)	8%	18,51,54,244.00			18 51 07 44 00	00.985,559,500 o of oct of oct	1,12,16,430,44	•	38,37,09,314.44	10,85,83,290.55	11.36.46.514.00
6 umiture	7,50%	17,86,85,026.00	18 36.880.00	-	18:05:00:00:00:00	07.605(5,60,6	82,49,042.00		10,68,28,347.76	7,83,65,896,24	8,66,14,938,24
7 : brary Books (15%)	%QI	7,87,97,500.00	23,06,132,00		8 11.03 63.00	E07.03 705 40	70,14,984,60	•	10,74,68,453.90	7,30,53,452.10	7,82,31,556.70
8 :: Jbrary Books (100%)	10%	26,77,405.00		,	26.77 405.00	21 95 211 20	74,68,595,90	•	6,31,72,391.30	1,79,31,240.70	1,80,93,704.60
9 Vehicles (20%)	10%	52,11,662.00		,	C211 GC2 AN	11.00 511.00	90,737,00		22,56,448.70	4,20,956.30	4,81,093.30
10 :Vehicles (15%)	10%	20,98,785.00			20 98 785 no	5.45.684.60	4,44,380.70		16,54,592.60	35,57,069.40	40,02,050.10
11 Computers	20%	19,93,61,123.00	11.34.329.00		20.04 95.465.00	22.7 27 77 00 MILES	4,34,138.00		7,39,822.60	13,58,962,40	15,53,100.40
1: Cooking & Gas / Gas Pipeline	2%	14,92,017.00			14 92.017 00	13 74 77 20	3,73,83,33,30	-	12,17,08,235,80	7,87,87,209.20	11,56,38,422.00
17 Diesel Generator Set	745	1,07,67,403.00			Aniche Carto	01 of 05 10	00.425.9	•	13,81,233.70	1,10,783.30	1,17,300.30
AC & Furniture for Computer Lab &					חתיבחדי הייצולים	00.017,00.00	87,344,00		92,82,562.60	14,84,840.40	15,72,184,40
Seminar Room	7.50%	7,47,964.00			7,47,964.00	6,92,425.43	4,900.00	•	53,37E 70 3	60	
Sumiture, AC & Fixtures for institute	7.50%	5,40,66,092.00		•	S.40 55.092.00.	79 155 734 52	AN COLUCT OF		Chicaco Incio	/5.850,VC	75,855,64
Centre for Excellance (Out of CG							70,707,107,00		2,85,89,013.97	2,54,77,078.03	2,73,00,860.03
Grant	2%	3,99,17,853.00			3,99,17,853.00	3,65,70,339.86	69,740.00		3,56,40,079,86	45 FTT TT 54	22 47 512 14
(A) IOTAL (A)		7,45,74,54,697.00	1,48,73,541.00	•	7,51,23,58,238.00	2,47,62,75,105.14	21,18,26,198.60	•	2,68,81,01,303,74	4,82,42,56,934,26	5.02.12.09.591.86
Capital Works in Progress (B)											
								1			
intangible Assets											
1' E Books / E-Journals	40%	5,02,82,154.00	2,93,66,503.00		7,96,48,657.00	2,83,92,088,60	3,18,59,463.00		6,02,51,551.60	1,93,97,105.40	2,18,90,065.40
Total (C)		5,02,82,154,00	2,93,66,503.00		7,96,48,657,00	2,83,92,088.60	3,18,59,463,00		6.02.51.551.60	1.93.97.105.40	2.18.90.065.40
1 TEQIP I Assets (D)									•		
Grand Total "1" (A+8+C+D)		7,54,77,66,851.00	4,42,40,044.00	•	7,59,20,06,895.00	2,50,46,67,193.74	24,36,85,661.60		2,74,83,52,855,34	4.84,36,54,039,66	5.04.30.99.657.26
	:										

Assets Heads	-		Gross Block	,							
TANGIBLE ASSETS	-	On Bulgare At Go 1000		. 1			Depreciation for the Year 2019-20	Year 2019-20		Net Block	Ę
Bullding	è	STOTE OF THE STORY	Additions	→ Deduction	Cl. Balance	Dep Opening Balance	Depredation for the Year	Deduction/Adjustme	Total Depreciations	31.03.2026	21 04 40 15
Computer	7800	26,39,33,735,00			26,39,33,735.00	52,78,674.70	52,78,674,70	Ľ	1 nc c7 a4a 40	200 200 200 200	91.03.4019
Thritish	****	7,00,000,00		•	2,00,000,00	40,000.00	40,000,00		04.545.00	(2,23/78,385.60	25,86,55,060,30
The state of the s	× i	1,27,34,207.00		'	1,27,34,207,00.	30,18,735.56	or		80,000,00	7,20,000.50	1,60,000.00
	₹07·	5,56,38,551,00		-	5,56,38,551.00	41,72,891.33			20,37,473.12	1,06,96,733.88	1,17,15,470,44
Total (A)									93,43,782.03	4,72,92,768.35	5,14,65,659.68
		33,23,06,493,00		•	33,25,06,493.00	1,05,10,302.59	1,05,10,302.59		2,10,20,605,17	31 14 85 887 83	52 10 0£ 100 AZ
apital Works in Progress (B)										100100100100100100	P.U.S.1,015,015,015
internethia Accepte				-							
Antrediation Feed	YUK	11.00									
F Books (Estournate	400	00.052,555.0		62,53,250:00-		25,01,300.00			•		37,51,950.00
	e e	1,500,000,00		•	1,00,000,00	40,000,00	40,000.00		80,000.00	20,000.00	60,000,00
Total (C)		, 00 03CFF.FR		C2 C2 250 OA	and book one .	AT ACC ACC		_			
		2002		00,000,000	mmm'm'r	DOWNET WET	00.000.00		80,000.00	20,000.00	38,11,950.00
2. TEQIP I Assets (D)											
Grand Total "2" (A484C4D)	-	42 424 44 44 44						1			
(author) 4 into aire	-	33,58,743,00		62,53,250,00	33,26,06,493:00	1,30,51,602.59	1,05,50,302,59		2,11,00,605.17.	31,15,05,887.83	32,58,08,140.42
SOURE 48 - OUT OF SPONSERED PROJECT	ᅜ		·			-					
Asserts Heads			Gress Black	oct.			Depreciation for the Year 2019-20	: Year 2019-20		Net Block	7
TANGIBLE ASSETS		Op Balance 01.04.2019	Additions	Deduction	Cl. Balance	Dep Opening Balance	Depredation for the Year	Deductions/Adjustme	Total Depreciations	31.03.2020	31,03,2019
Equipment	8%	12,46,10,398.68	,		12,46,10,398.68	99,68,831.89	99,68,831.89		1,99,37,663.79	. 10,46,72,734.89	11,45,41,566.79
Total(A)		12,46,10,398,68	1		12.46.10.398:68	-99,68,831.89	99.68.831.89		27 663 77	10.46.77.734.89	11.46.41.566.79
									- incoming the state of the sta		
Capital Works in Progress (B)											
Intangible Assets		-									
Total (C)		-					•				,
TEQIP I Assets (0)				-							
Grand Total "3" (A+B+C+D)		12,46,10,398.68			12,46,10,398.88	99,68,831.89	99,68,831,89		1,99,37,663.79	10,46,72,734.89	11,46,41,566.79

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

					An	Amount in Rupees
Particulars	Op Balance_ 01.04,2019	Additions	Gross	Amortization	Net Block	Net Block
A. Patents Granted					2013-20	57-9707
1. Balance as on 31.03.2020 of Patents obtained in 2016-17 (Original Value - Rs.	NIL	IZ	I Z	NI	NIL .	JI N
2. Balance as on 31.03.2020 of Patents obtained in 2017-18 (Original Value - Rs.	II.	NIL.	Z	Z N	NIL	NIL
3. Balance as on 31.03.2020 of Patents obtained in 2018-19 (Original Value - Rs.	NIF	NIC	ij	NIF	NIL	NIC.
4. Patents granted during the Current Year			-			
Total	0	0	0	0	0	0
Particulars	Op Balance 01.04.2019	Additions	Gross	Amortization	Net Block 2019-20	Net Block 2018-19

Particulars	Op Balance 01.04.2019	Additions	Gross	Gross Amortization	Net Block 2019-20	Net Block 2018-19
B. Patents Pending in respect of Patents applied for:			i .			-
1. Expenditure incurred during 2017-18	NI	JIN.	II.	IN.	NIL	Ę
2. Expenditure incurred during 2018-19	NIL	ij	NIL	NIL	ź	NIL
3. Expenditure incurred during 2019-20	NIC	Į.	NIL	NIC	I	NIL
Total	0	0	0	0	0	0
C. Grand Total (A+B)	0	0		O	C	0

SARDAR VALLABHBHAI NATIONAL-INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020 SCHEDULE: 5: INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS

		אווסמונר ווו עמאבבא
PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. In Central Government Securities		IIN
2. In State Government Securities	ZIN	
3. Other approved Securities	N	IIN.
4. Shares	NIC	TIN
5. Debantures and Bonds	NIL	
6. Term Deposits with Banks		
(i) Corpus Fund FD	34,89,74,615.00	22.86.19.241.44
(ii) Alumni Fund FD	1,81,37,686.57	1,73,83,140,67
7. Others	NIL	NIL
Total	36,71,12,301.57	24,60,02,382.11

SARDAR VALLABHBHAN NATIONAL INSTITUTE OF TECHNOLOGY, SURAT SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020 SCHEDULE: 6: INVESTMENTS - OTHERS

		Amount in Rupees
PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. In Central Government Securities		,
2. In State Government Securities		
3. Other approved Securities		
4. Shares	1	
5. Debantures and Bonds		
6. Term Deposits with Banks	•	
Short Term Deposit (Fee)		
Short Term Deposit	•	1
7. Others: Margin Money Account (L.C.)	_	•
Others (Deposits/Students Account)	6,03,587.00	6,03,587.00
Total	6,03,587.00	6,03,587.00

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020

SCHEDULE:7: CURRENT ASSETS

PARTICINAR		משמש זון אמשפה
1. STOCKS:	CURRENT YEAR	PREVIOUS YEAR
a) Storers and spares		
b) 10000 Toolo	•	1
Signal and a signa		
c) Publications		
d) Laboratory Chemicals		1
e) Building materials	•	
f) Electrical Materials		.1
g) Stationery		•
h) Water supply materials	1	1
2. SUNDRY DEBTORS		
a) Debts outstanding for a period exceeding six months	200000000000000000000000000000000000000	
b) Others: 1/164	7.20,00,030,00	
3. CASH AND BANK BALANCES	77.160,66,01,4	5,35,42,619,11
Cash in hand	00 610 8	
Cash at Bank:	00:0125	\$7./ST/,E4T
Permenent Imprest A/c	1 19 000 00	00 00 78
A) With Scheduled Banks:		00,000,40
In Current Accounts	6.89.68.894.70	19 47 87 862 67
In Savings Accounts	1.52,33,999,70	7 50 21 865 50
In Deposits Accounts	50 72 70 534 60	77 77 17 17 17 17 17 17 17 17 17 17 17 1
In Swift Accounts		/7.CO7/T / / / / T
A) With Non Scheduled Banks:		
In Deposits Accounts		
In Savings Accounts		1
4. POST OFFICE - SAVINGS ACCOUNTS		·
Total	66,17,16,963,22	29.13.44.709.78

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 315T MARCH 2020

SCHEDULE: 7 (A) ANNEXURE - CURRENT ASSETS		
AND STATE OF		Amount in Rupees
PAKIICULAKS	CURRENT YEAR	PREVIOUS YEAR
With Scheduled Banks:		
in Current Accounts		
S.B.I. C. A/c. 10023050019	3,52,88:998:11	5 36 77 76 85 7
SBI IF.5/238	69,16,485.00	2,36,7,7,20.02
SBIDOPS	13,75,681,00	83.41 999 OO
SBI DDF	97,21,886.00	5.17.29.252.00
SBI PUF	30,09,638.95	3,04,17,336,95
Director SVNIT DASA	63,15,917.67	88,15,153.67
Director SVNIT Scholarship 37030179760	3,19,234.68	49,63,595.84
Director SVNIT Surat (Allahabad)	16,943.00	
SBI MHRD A/c, 36743958767	60,04,110.29	1,38,78,638.59
Total	6,89,68,894.70	19,47,87,862.67
In, Savings. Accounts		
S.B.I. Project.	84,56,273.00	82,97,663.00
Corpus Fund Bank A/c. 300476468	1,83,034.70	1,03,71,350.50
Staff Development fund S.B.A/C	19,05,683.00	18,47,487.00
Canara Bank 0277101020135	30,77,553.00	29,47,945.00
Canara Bank 277101028584	16,11,456.00	15,57,420.00
Total	1,52,33,999.70	2,50,21,865.50
In Deposits Accounts		
S.B.I Savings A/c. 30001809063	8,05,701.60	17,159.00
SBI Scholarship & Medal	27,40,308.00	26,66,000.00
SBI DST Project (Dr. Rakeshkumar)	99,791.00	96,469.00
SBI DST project (Dr.H.K.Raval)		1,164.04
SBI DST project (Dr.H.B.Naik)	3,443:00	3,329.00

SBI DST project (Or G 1 tockit)		
SBLOST project (Rakesh Kilmor)	779.10	753.10
, DST Project (Pr.V. Michra)	4,509:00	4,359.00
SERR Project (X N Dathab)		8,743.00
DAC & DINK Designed (1977)		7,639.00
DAE & DANS Project (Ur.H.B.Naik)	1,551.00	1,616.00
	4,34,209.56	2,95,696.56
	22,622.00	20,550.00
SREB Project QCD Inspire (Dr.A.K.Rai)	•	77.60
Online Fees SBI A/c 33110355913	1,82,69,582.60	2,97,684.00
SERB Project(LKS)	721.79	2,029.95
SERB Project (Dr. S. Kumar)		50,520,00
MHRD Pedugogy Project (Dr.Shailendra k)	7,079.75	6,844.75
SERB Project (Dr.J. Benerjee)	1,52,074.00	1,47,159.00
SERB Project (Dr.Subhan Sahoo)		1.844.60
DRDO Project (Dr.Arvind Mungray)		18,277.00
Research & ConsultancyA/c SVNIT(SBI 35373382053)	4,73,53,299.89	5,55,54,598.94
SVNIT Endowment Fund(Dr. DC Jihwala)		1,70,084.00
SBI MOD-SVNIT Endowment Fund		26,117.00
ARDB (DRDO) project "Stochastic Progressiv failure (Dr. Achechellal)	1,705.00	1,647.00
BRNS Project"dev. Of Surface functionalised(Dr. K.Sureshkumar)[4/205]	2,941.25	4,25,403.25
DRDO Project "Investigation on the influence of (Dr. Shailendra KR. MED) (4/2		3,508.50
Dr. V L Manekar (4/208)	1,40,76,724.00	1,36,42,060.00
SBI MOD A/c. 10023050019	-11,66,21,275.06	-11,66,21,275.06
DST 4/199 SBI 38112725974 (Dr. R V Rao)		4,40,459.00
SBI 3/133 (SBI 38085743071 (DR. G.R. VESHIMAWALA)		84,272.00
SBI 3/142 (SBI 38085738174 (DR. S.N. SHARMA)	48,717.00	47,096.00
SBI 3/144 (SBI 38085742737(DR. TWINKLE SINGH)		19,611.00
SBI 3/146 (SBI 38085742329 (DR. J.B. PATEL)	3,97,276.00	3,84,374.00
SBI 3/147 (SBI 38085741971 (DR. C.D. MODHERA)		58,403.00
SBI 3/148 (SBI 38085741596 (DR.V.N.IAD)	24,479.00	26,793.00
SBI 4/161 (SBI 38085741154 (DR. NEERU ADALAKHA)		7,406.00
	1,54,603.50	1,14,017.00

SBI 4/191 ISBI 3808572992740p 1 DAMEDIED		
	10,480.50	10,220.00
SULT (SDI SOCOS/4010S (DR. R.A. CHRISTAN)	,	5.740.00
	1	37.00
SBI 4/195 (SBI: 38085711174 (DR. J. BANERJEE)	22,627.00	21 873 00
SBI 4/196 (SBI 38112693316 (DR. K.C. MAHERIA)	1,16,092.00	4 660 00
SBI 4/200 (SBI38112824668 (DR. SANJAY PATEL)	6.064.00	00.000,
SBI 4/201 (SBI 38112847085 (DR. D. R. PATEL)	11,05,946,60	15.51 603 10
SBI 4/202 (SBI 38112859759 (DR. A. D. DARII)	41.277.70	3 56 082 20
SBI 4/204 (SBI 38112863028 (DR: A. K. MUNGRAY)	17,250,00	16 550.00
		4.48.621.00
SBI 4/207 (SBI 38112889321 (DR. S. S. ARKATKAR)	1,11,727.00	3,31,430,00
SBI 4/209 (SBI 38112892797 (DR. A.D.DAFJI)	1,83,988.00	1,34,156.00
SBI 4/210 (SBI 38112975005 (DR. SHEETAL KARIA)	•	2,92,555.00
SBI 4/212 (SBI 38112977716 (DR. SATYAJIT PATEL)	11,30,143.50	8,289.00
SBI.4/213 (SBI.38112979951 (DR. M. A. ZAVERI)		68,731.00
\$BI 4/215 (\$BI 38112982262 (DR. SABHA RAJ ARYA)	3,80,497,50	7,72,618.00
SBI 4/216 (SBI 38112984791 (DR. C. D. MODHERA)	10,08,250.00	10,50,171.00
SBI 4/217 (SBI 38112777820 (DR. RAJENDRA KUMAR)	79,384.00	11,15,595.00
SBI 4/220 (SBI 38112800158 (DR. SHWETA SHAH)	2,44,763:00	15,79,332.00
SBI 4/221 (SBI:38112808782, (DR.YOGESH SONVANE)	96,661.50	3,32,994.00
SBI 4/222 (SBI .38112811999 (DR. KETAN KUPERKAR)	457.00	5,528.00
SBI 4/223 (SBI 38112814989 (DR. A.K. MUNGRAY)	6,11,598.50	4,53,695.00
SBI 4/224 (SBI 4/224 38112711246 (DR. J.V. GOHEL)	1,65,738.50	2,41,337.00
SBI 4/225 (SBI 38112764254 (DR. S. A. CHANNIWALA)	52,52,829:10	69,58,381.60
SBI 4/226 (SBI 38121270491 (DR. DEBESH ROY)	3,96,938.50	3,41,122.00
SBI 4/227 (SBI 3812132121 (DR. DILIP A. PATEL)	28,375.00	61,183.00
SBI 4/228 (SBI 38121306441 (DR. K. SURESH KUMAR)	1,02,888.30	16,17,456.00
SBI 4/229 (SBI 38121308030 (DR. UPENA DALAL)	20,047.00	3,02,588.00
SBI 4/230 (SBI 38121309395 (DR. IYOTI MEGHANI)	18,07,945.50	17,29,918.00
SBI 4/231 (SBI 3812130719 (DR. P. A. PARIKH)	-	3,46,538.00
11.2	3,49,456.00	12,37,288.00
SBI 4/234 (SBI-38121317238 (DR. NAVED MALEK)	66.30	5,044.00
SBI 4/236 (SBI 38121318129 (DR. PIYUSH PATEL)	3,58,623.50	1,10,860.00
	2,23,84,233.70	2,43,99,491.20
SBI4/239 (SBI 38121327405 (DR. P. L. PATEL)	6,916.50	2,56,520.00
SBI 4/240 (SBI 38121328353 (DR. P. L. PATEL)	15,97,635.50	30,35,520.00
SBI 4/241 (SBI 4/241 38121329094 (DR. P. A.PARIKH)	5,218:00	5,044.00

•	E	Total
1		Canara Bank
		In Swift Accounts
1,77,71,205.27	50,72,70,534.60	Total
-	11,45,46,860.00	R. & C. Fixed Deposit
	10,29,160.00	Sch. SBI FD 38817829553
-	10,29,160.00	Sch., SBI FD 38817829075
.1	10,29,160.00	Sch. SBI FD 38817828312
1	10,29,160,00	Sch. SBI FD 38817597994
		FD from Scholarship A/c - 760 :
1	30,51,722.00	FD - Allahabad - 50508036074
	50,86,203.00	FD - Allahabad - 50508035990
	50,86,203.00	FD - Allahabad - 50508035887
		FD from Principal A/c - 9063:
41.03.138.40	44,49,004.40	Alumini A/c No. 32062014924
36.14.378.54	50,23,922.42	Security Deposit R.& C
17.29.387.00	12,55,287.00	Security Deposit FDR Collected Party
.1	7,24,92,487.00	FD from MHRD A/c
	21,54,64,779.00	FD from Fees A/c - SBI
	1,03,41,752.00	FD from DASA Fees A/c
	5,01,65,350.00	FD from college A/c OH- 31
	72.68.451.00	SBI 38580122481 (Dr. Vípul Kheraj)
	12 57 720 10	SBI 38580084691 (Dr. S. A. Channiwala)
1	15 10 122 00	SBI 38458130834 (Dir. SVNIT SERB - DST A/C)
1,95,053.00	00.004,40.00	SBI 35373370477 Endowment Fund
8,32,008.00	02,425.00	SBI 4/244 (SBI 38121337606 (DR. SATYAJIT PATEL)
50,161.00	51,913.00	SBI 4/243 (SBI 38121339273 (DR. ALKA MUNGRAY)
		SBI 4/242 (SBI 38121330065 (DR. SATYAJIT PATFI)

	on Scheduled Banks: Deposits Accounts	Total	Savings Accounts	Total	Total 59.14.73.479.00	/ith Non Scheduled Banks: In Deposits Accounts In Savings Accounts Total Total			32.72
--	--	-------	------------------	-------	-----------------------	--	--	--	-------

SARDAR VALLABHBHAI: NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2020

SCHEDULE :: 8 : LOANS, ADVANCE AND DEPOSITS

		Amount in Brasse
1 Adirection PARTICULARS	CURRENT YEAR	Spendin municipal
L. Advances to employees (Non-interest bearing):		PREVIOUS YEAR
a) Salary		
b) Festival	.1	ı
c) Medical Advance	•	ı
d) Others	•	•
- Leave Travel Concession	- 000 00	F
- Temporary Advance to Dr. L. K. Saini	00:000,00,0	1,17,000.00
2. Long Term Advances to employees: (Interest bearing):		1,02,000,00
æ	•	
b) Home Loan		
c) Soft Loan	,	1
3. Advances and other amounts recoverable in cash or in kind or for value to be received	,	
a) On Capital Account	•	
Other Advance (NIT Meghalava)	8 63 158	1 0 1
Permanent deposit with GEB (New Line)	68 53 047 O	00.551,580,0
P & T Deposits (Telephone)	1 978:00	1 028 00
b) to Suppliers/Firm	2000	T,57,8:00
c) Others		
i) Temporary Advance to Department	3,83,765,00	2.96.177.00
ii) Patent Attorney Fee	3,35,936.00	2.26.660.00
iii)Advance payment to CPWD Baroda	3,74,875.00	3.74.875.00
iv) Advance to R & C division	3,05,216.00	-1,83,555.00
v) EPF Recovery	1,48,62,963.00	1,48,62,963.00
vi) GST Cash Ledger	30,632.00	22,01,379.00
vii) GST TDS Receivable R & C	4,95,969.90	2,79,217.46
viii) SVNIT R & C	40,200.00	40,200.00
ix) TCS Receivable	39,357.00	39,357.00
x) TDS Receivable	93,54,504.00	2,34,46,657.00
xi) TDS Receivable 2017-18	1,58,30,510.00	1,58,30,510.00
	1,36,68,686,14	1,36,68,686.14
xiii)TDS Receivable 2019-20	1,09,58,030.38	
xiv) CPF/GPF A/c : Balance with Bank & Investment	24,10,78,264.71	22,20,35,985.32
xv) NPS A/c: Balance with Bank A/c	21,82,440.20	1,42,99,765.90
XVI) Director IIIT-Surat	1	1
vail into roan		1

ATTLE COLLECTED AT CAR	ויסי טיטי טצ	
xix) Advance Payment for SP. Work in Tagore Bhawan 7/56	טטיטטטיטט געני גר	•
xx) Advance Payment for supply and installation work7/59	3,12,73,744,00	1
xxi) Advance Payment for THMB Cpwd (Terrace Water Proofing) 7/54	18 49 000	ı
xxii) Advance Payment for refilling inspection and certification 7/58	00.007,00,00	
xxiii) Advance Payment for repairing student rooms 7/61	76.02.2064.00	
xxiv) Advance Payment for Replacing 100 mm PVC Line 7/50	200000000000000000000000000000000000000	
xxv) Advance Payment for service & maintanance of 22, kv, 7/57	4,01,51,522.00	
XXVI) Advance reconstructing fixing goliar Bisums 275	23,62,467.00	
waii) Apropre and the first graft of the gallat blidwall 1/55	49,29,000.00	ı
Advance replacement of damaged window Bhabha Bhawan 7/53	39,99,700.00	
xxviii) Temp. Adv. (CPWD) Renovation for staff club 7/51	00,630,049,00	
xxix) Temp. Adv. (CPW/D) Renovation of old A type quarter 7/52	1,15,78,801.00	
xxx) Advance to Balmer Lawrie & Co.	6,44,010,60	
. Prepaid Expenses:		
a) Insurance		•
b) Against E Journal	1 1	•
c) Library AMC Charges		1
d) Printed Journal		•
. Deposits :		•
a) Telephone		•
a) Telephone		•
c) Electricity	n 14	•
d) AICTE	1	k :
e) Gas Connection	7.68.088.00	7 05:000 00
f) Gas Cylinder Deposit	25,000.00	25,000,00
income Accrued:		0000000
a) On investments from Earmarked / Endowment Fund	•	1
b) On Investment - Others (Interest Receivable on FD) 1/183, 1/179	4,57,08,315.50	4.57.08.315.50
c) On Loans and Advances	t	
d) Others (including income due unrealized)	•	•
'. Other - Current assets receivable from UGC /Sponsored projects:		
a) Debit balances in Sponsored Projects	•	·
b) Debit balances in sponsored Fellowship & Scholarships	·	.
c) Grants receivable	•	
d) Grants receivable from UGC	1	•
3. Other Current Asset:		
Deferred Revenue Expense	1,77,000.00	
3. Claims receivable:		
TDS 1/195	25,248.00	25,248.00
Total (A)	50,60,08,845,43	36.18.19.624.32

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT SCH SCHEDULE 9- ACADEMIC RECEIPTS	HNOLOGY, SURAT-395007 NDITURE ACCOUNT	
	ŀ	Amount in Rupees
FEES FROM STUDENTS	Current Year	Previous Year
Academic		-
1. Tuition fee 1/17	250,508,156.00	238,084,499.38
2. Admission fee		
- CCMT M.TECH. ADMISSION	•	48,000.00
- M. SC. 1/323	-177,000.00	•
- P.G. 1/189	-1,554,120.00	•
• U.G. (ONE TIME) 1/188	-1,671,350.00	
3. Enrolment fee		•
4. Library Admission fee	,	,
5. Workshop & Laboratory fee 1/15	364,000.00	120,000.00
6. Art & Craft fee		
7. Registration fee / Institutional fee	•	•
8. Supplementary Exam fees income 5/88	163,000.00	231,600.00
9. Syllabus fee	1	•
10. College Fees 1/16	7,576,094.73	•
11. P.G. Course Fees 1/202, 1/203, 1/321, 1/322	42,541,756.00	59,307,244.00
12. Other Fees P.G. / U.G. 1/186, 1/187	4,028,949.00	
13. Other Fees P.H.D 1/284	2,406,000.00	1
14. Tuition Fees (PHD) 1/270	8,535,000.00	8,509,500.00
15. Tuition Fees P.D.D.C. 1/18	•	
16. Tuition Fees P.G.	2,109,233.00	•
17. Fees collected at CCB Delhi 1/164	6,863,000.00	1
Total (A)	321,692,718.73	306,300,843.38
Examinations		
1. Admission test fee	1	1
2. Annual Examination fee	•	•
3. Mark sheet, certificate fee		,
4. Entrance fee	•	•
Total (B)	,	•

Others Force		
1. Identity card fee 1/20	9,200.00	10,475.00
2. Fine/Miscelleneuos fee 1/24, 1/33	-467,354.00	432,840.00
3. Medical fee		1
4. Transportation fee	,	•
5. Hostel fee - Light & Water charges	17,046,800.00	,
6. Migration fee 1/43	15,840.00	16,440.00
7. Library Fees 1/19	3,000.00	5,000.00
8. Late Fees 1/21	205,200.00	86,600.00
9. Duplicate Fees 1/23	58,948.00	82,195.00
10. Convocation Fees 5/94	773,315.00	
11. Sale of Forms for Recruitment (1/27)	1,582,100.00	
12. Hostel student activity (Inst. Component)	1,014,400.00	1
Total (C)	20,241,449.00	633,550.00
Sale of Publications		
1. Sale of Admission forms - M.Tech. Rec. 5/98, 5/93	12,000.00	46,000.00
2. Sale of syllabus and question paper, etc.	•	1
3. Sale of prospectus including admission forms 1/27 (ESTT.)		•
Total (D)	12,000.00	46.000.00
Other Academic Receipts		
1. Registration fee for workshops, programmes		
2. Registration fee (Academic Staff College)	•	1
Total (E)	,	
Grand Total (A+B+C+D+E)	341,946,167.73	306,980,393.38
Note: In case fees like entrance fee, subscription etc. are material and are in nature of capital receipts, such amount should be recognised to the capital fund. Otherwise such fee will appropriately incorporated in this schedule	, such amount should be recogn	ised to the capital fund.

SARDAR-VALLABHBHAI NATIONAL INSTITUTEIOF TECHNOROGY, SURAT-395007 SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 10. GRANTS/SUBSIDIES (IRRECOVERABLE GRANTS-RECEIVED)

		PLAN							Amount in Runees
•								Drawner Von	2001
Particulars		nec						rear sponsor.	
	MHRD	PLAN	SCHEMES	TOTAL PLAN	NON-PLAN UGC	CURRENT YEAR TOTAL	PLAN	NON-PLAN	Total Balance
Balance B/F	•	45,62,89,236,15			AD 000 TO 00 DA				
DAM: Descripte Australia					42,00c,(3,00;C4	4,17,38,133.09	53,85,53,099.15	-28,86,98,904.98	24,98,54,194.17
war necepto unting the year		•	•	•	1,45,87,00,000.00	1,45,87,00,000.00		20.00.00.00.00	00 000 00 00
Add: Internal Revenue Generation during the year	•	•	•	,	40,68,77,813,94	40,68,77,813.94		20 000 CV DO UV	0000000000000
Total	•	45,62,89,236.15			1.36.75.50 444.70	1.87 20 30 600 05		#0.000,04, #6,04	40,34,48,808.54
Loce: Bofind to Minister.						104,001,001,000	52,880,850,656	62,07,49,903.66	1,15,93,03,002.81
ress. Actual to Whitishy	'	-	•.		•		•	•	,
Balance	1	45,62,89,236.15	•		1,36,75,50,444.70	1,82,38,39,680.85	53,85,53,099,15	62.07.49.903.66	1.15 93.03.002.81
tess: Utilized for Capital expenditure (A)		4,42,40,044.00			1	4,42,40,044.00	8,22,63,863.00		8.72.63.863.00
Balance		41,20,49,192.15			1,36,75,50,444.70	1,77,95,99,636.85	45,62,89,236.15	62.07.49.903.66	1.07.70.39.139.81
Less: Utilized for Revenue expenditure (8)	•	,			58,87,41,693.12	58,87,41,693.12		1,11,87,77,272.90	1,11,87,77,272.90
Balance C/F (C)	•	41,20,49,192,15	•		77,88,08,751.58	1,19,08,57,943.73	45,62,89,236.15	49,80,27,369.24	4,17,38,133.09
									_

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

Schedule 11 - INCOME FROM INVESTMENT

				Amount in Rupees
Particulars	Earmarked/En	Earmarked/Endowment Funds	Other In	Other Investments
	Current Year	Previous Year	Current Year	Previous Year
1 Interest				
a. On Government Securities	ł	•	•	-
b. Other Bonds/Debentures		· •	•	
2 Interest on Term Deposits			3,49,89,378.46	3,36,16,380.32
3 Income accrued but not due on Term Deposits/Interest bearing advance to employees	1	•	,	
4 Interest on Savings Bank Accounts	•	1	•	ı
5 Others (Specify)	•	ľ	•	
	-	1	3,49,89,378.46	3,36,16,380.32
Transferred to Earmarked/Endowment-Funds				
Balance	Nii	Nii		

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

SCHEDULE 12: INTEREST EARNED

		Amount in Kupees
Particulars	Current Year	Previous Year
1 On Savings Accounts with scheduled banks		
(1/44, 1/45, 1/46, 1/49, 1/336, 1/344, 1/345, 1/346, 1/347)	21,68,066.00	30,67,628.71
Others	-	
2 On Loans		
a. Employees/Staff	•	
b. Others	•	,
3 On Debtors and Other Receivables	1 /	1
Total (1+2+3)	21,68,066:00	30,67,628.71

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

SCHEDULE 13- OTHER INCOME

2,80,69,688.00	2,52,20,245.00	Total
1	,	13. Light & Water charges recovered
,	377:00	12. Efectricity charges recovered
49,73,123.00	38,06,053.00	11. Guest House Rent 1/391
	,	10. Hire Charges of Auditorium/Play ground/Convention Centre, Shop etc.
· ·	•	9. License fee
102.00	ſ	8. Rent Inst. Of Engg. S.G. Centre
7.76.250.00	4,05,000.00	7. Fashion Design & Apperel Tech. Course 1/356
3.000.00	*	6. Rent from LIC/ Staff Club/ Public Seminar Hall & Other Institute 1/38
9,49,032.00	9,49,032.00	J. Nein Floin bank (3bi) 1/9
1,14,144.00	1,14,144.00	
18,000.00	18,000.00	A Doct Office Doct 1/0
15,67,327.00	16,48,579.00	3. Canteen Rent 1/10
1,96,68,710.00	00.000,67,500	2. Staff Quarter Rent 1/6
	1 82 79 050 00	1. Hostel room Rent 1/7, 1/5
Previous Voor	Current Year	A. Income trom Land & Buildings
Amount in Rupees		

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

D. Others			
1 Income from consultant and a second			
The construction consultancy - Misc Receipt R & C			70, 70, 00, 0
2. RTI Fees 1/159			0,20,37,654.25
3. Income from Royalty		00.00	238.00
4. Sale of application form (recruitment) -			,
- Sale of Est. Application Forms 1/27		· .	0000
5. Misc. receipts - Sale of Grass, leaves & papers 1/26		00 000 17	3,000.00
6. Profit on sale/disposal of Assets		00:000	79,250.00
a) Owned assets			•
b) assets received free of cost		•	r
7. Others (specify)			
Misc. Receipts 1/33		15,22,787.75	3.82.60.252.23
Tender Fees 1/28		27,250.00	2.21.500.00
Book Bank 1/145		3,247.00	3.041.00
Official car for personal use 1/397		•	15,400.00
Research Project Adjustment	- 		1,20,09,667.40
Interest on Income Tax Refund		9,15,987.00	
Liquidated damage Recovery	•	33,025.00	•
Transport & Freight 1/130	:	12,500.00	,
Student-Activity Income A/c			88,526.00
	Total	25,66,456.75	11,27,28,528.88
Grand Total (A+B+C+D)		2,77,86,701.75	14,07,98,216.88

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT SCHEDULE 14 - PRIOR PERIOD INCOME

		Amount in Rupees
Particulars	Current Year	Previous Year
1. Academic Receipts	•	
2. Income from Investments		
	•	•
. 3. Interest earned		
0+th - 1		1
4. Other income	•	
Icto I		

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

SCHEDULE 15 - STAFF PAYMENTS & BENEFITS (ESTABLISHMENT ESPENSES)

						(Amount in Runees)
Particulars		Current rear			Drevious Year	()
	Plan	Non-Plan	Total	Plan	Non Plan	1000
A) Salaries and Wages			-			lotai
i) Pay of Officer (U.G.) 1/51	,	29 66 35 236 00	30 55 45 34 60	-		-
ii) Pay of Establishment (U.G.) 1/64		2.76.50.00	00.012,61,00,62	•	21,09,04,638.00	21,09,04,638.00
iii) Salary payable of March month	•	2,70,00,00,00	0,.088,ac.a/,2		3,61,99,253.00	3,61,99,253.00
iv) Overload Remuneration 1/62	,	00.00.672.9	00 000 55 9			•
v) Provisional Subsistance Allowance 1/384	ı	42.92.971.00	42.92.971.00		15,21,500.00	15,21,500.00
vi) Recovery of Employees	•				13,73,768.00	15,73,768.00
vii) Temporary Staff Wages (Daily rated) 1/146	•	3.54.96.010.00	3.54.96.010.00		, , , , ,	
viii) Salary of Contractual Employees 1/402	1	4,47,76,332,00	4,47,76,332,00	. i	7,55,65,0025.00	2,35,89,023.00
B) Allowances & Bonus				•	2,30,45,365,35	2,36,23,965.95
i) Bonus	•	1		•		-
ii) Allowances to Officer (U.G.)	•	•	•	. •		•
1. DA 1/52	1	6,50,56,581.00	6,50,56,581,00		10.80.56.305.00	200000000000000000000000000000000000000
2. HRA 1/54	. 1	2,28,16,065.00	2,28,16,065.00	,	1.38.29.455.00	1 38 20 AFF IO
3. CLA 1/55	•	t		•	1 556.00	1 555 00
4. Medical Allowances 1/56	•		ı	•	1 945 00	1.035.00
5. Transport Allowances 1/57	•	1,63,31,885.00	1,63,31,885.00		1.69.65 211 00	1 69 65 211 00
6. Non Practice Allowances 1/59		1,47,048.00	1,47,048.00		1,73,784,00	1 73 784 00
iii) Allowances to Establishment Staff (U.G.)	•	¢	,	1		20:-0:16:16
1. DA 1/65	•	50,74,354.00	50,74,354.00	,	49,79,624.00	49.79.674.00
2. HRA 1/67	i	26,02,256.00	26,02,256.00	•	17,59,043.00	17,59,043:00
3. Transport Allowances 1/70	•	30,14,640.00	30,14,640.00	•	33,67,580.00	33,67,580.00
4. Washing Allowances	,	ı		ı	3,825.00	3,825.00
iv) Payment of Arrears (Teaching, Officers ADM, CI	1	3,88,76,342.00	3,88,76,342.00	ı	8,57,79,233.00	8,57,79,233.00
v) Professional Dev: Allowance 1/359	•	41,93,360.00	41,93,360.00	•	90,69,400.00	90,69,400.00

73.07 95.306.05	1 CC 007 CC 77 CC					
	10 200 00 00		75,17,56,069,00	75,17,56,069,00	•	Iotal
2,66,901.00	2,66,901.00				. 1	
•				1		i) Uniform / Leveries
9,23,413.00	9,23,413.00	•	13,71,487:00	13,71,487:00	•	k) Others:
19,62,971.00	19,62,971.00		20,01,081.00	20,01,081.00	•	- For Internal Staff 1/58 - For evaluation of PhD. Thesvs 1/362
81,93,874.00 40,95,000.00	81,93,874.00	1 1	54,81,000.00	54,81,000.00	1	Shildren Education Allowances Honorarium
			66 71 103.00	. 66.71.193.00		I) Medical Reimbursement 1/114
35.79.839.00	35,29,839.00	1	18,11,487.00	18,11,487.00	•	i) Leave Travel Concession 1/91 H) Medical facility
. 00.224,57,10	00:771	1			•	G) LTC facility
1,50,70,686.00	61,75,422.00	. 1	1,08,86,235:00	1,08,86,236.00		v) Leave Salary (Deputation)
12,00,95,995.00	12,00,95,995.00		10,43,62,029.00	1,72,20,960.00	•	iii) Commuted Pension iv) Leave Encachment (Clare 2 0 4 0 000
	1.28.43.979.00	,	93,68,815.00	93,68,815.00	•	Death cum Retirement Gratuity 1/79 Pension 1/77
1,51,70,551.00	2,57,900.00	!	4,98,029.00	4,98,029.00	•	F) Retirement and Terminal Benefits
	50	•	2,43,23,052.00	2,43,23,052.00	, .	l) Nr's Contribution 1/192, 1/153 E) Staff Welfare Expenses 1/331
	3.09.757	•	1,52,750.00	1,52,750.00	•	D) Contribution to Other Fund
				•	-	V contribution to Contributory Provident Electrical

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 15 A - EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

			Ame	Amount in Rupees
Particulars	Pension	Gratuity	Leave	Total
Opening Balance as on			- Ireasimient	
Addition: Capitalized value of Contributions received from other Organisations		1		1
Total (a)			r	•
Less : Actual payment during the year (b)				•
Balance Avalable on 31.03 (a-b)		f .	1	•
		-	•	
Provision required on 31.03 As per Actuarial Valuation (d)	,			
				•
B. Contribution to New Pension Scheme		,	,	
		-		
C. Medical Reimbursement to Retired Employees		1	-	,
D. Travel to Hometwon on Retirement			1	-
				-
E. Deposit Linked Insuerance Paymenty	_	r		,
Total (A+B+C+D+E)	ı			

Note:

1. The total (A+B+C+D+E) in this sub schedule will be the figure against Retirement and Terminal Benefits in Schedule 15

2. Items B,C,D & E will be accounted on accrual basis and will include bills preferred but outstanding for payment on 31/3.

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

SCHEDULE 16- ACADEMIC EXPENSES

of initial	•	Current Year			Travious Vest	
	Plan	Non Plan	Total	plan.	acid acid	lete F
a) Laboratories expenses						lotal.
b) Field work/Participation in Conferences					•	•
c) Expenses on Seminars/workshops 1/132	•.	1,58,307,00	1.98.307.00		- CO CO K	, 00, 00, 00
d) Payment to visiting faculty	•			• •	4,32,750.00	4,52,730.00
e) Examination	i	r	1	•		'
f) Students Welfare expenses - Student Internship	•	•	,			•
g) Admission expenses - Ph.d.		•	•	· •	6.01.000.00	6.01.000.00
h) Convocation expenses	_	1	1	•	1.29.341.00	1.29.341.00
1) Publications			•	•	,	
j) Stipend/Means-cum-Merit Scholarship			•	•	1	•
k) Subscription expenses (library Operating Cost) 1/156		1,24,85,784.00	1,24,85,784.00	•	83.00.189.00	83.00.189.00
l) Contingency/Scholarship to P.G. Course (M.Tech & Ph.D.) (Note 1)	•	19,73,57,044.00	19,73,57,044.00	•	15,32,22,933.00	15,32,22,933.00
Total	-	21;00;41;135:00	21,00,41,135.00		16,27,46,253.00	16,27,46,253.00

Constitution of Calculation and Calculation of the			Current Vest				
Commission of the Commission o	Code	- 250				previous Year	
nvironment Engg.	1/2/10		Theragione	lotal	Plan	Non Plan	Total
Turbo Engr.	4 77 4	•	1,63,115	1,63,115	•	1.71.547	00 443 45 1
Structure Enge	757/1	•	1,12,002	1,12,002	•	1 72 061	100000000000000000000000000000000000000
Mach Conserved	1/256	•	94,236	94,236	•	1 1 1 1 1	1,72,001,00.
	1/265		93,457	93,457	•	1,42,43	1,31,715.00
M. Tark Character	1/268	٠,	2,00,176	2,00,176		1 63 830	00.050,74,1
VI. Jeki, Chemical	1/290	,	33,771	33,771	•	100000	7,55,852,00
Vi. Jecn. Industrial Electro.	1/293		51,671	51,671	•	2007,117,1	00.007,111,1
M. Jech. Communication	1/299	•	61,744	61.744		1,125,11,11 1,11,100 4	1,31,924.00
M. Tech. Comp. Engle.	1/302	•	33,087	33.087	,	T,00,00	1,58,237.00
Town & Regional Planning - Contingency	1/274	1	1.21.240	10100		1,02,370	1,02,370.00
M.Tech. Water Res. Engg.	1/296	•	48,777	100		1,51,958	1,51,958.00
M.Tech. (Thermal System Design)	1/365	•	280 00	277,04	•	2,32,693	2,32,693.00
M. Fech. (Transnortation Enga & Planning)	336/4		10000	160,66	'	1,53,746	1,53,746.00
M. Tech (CAN/CAM)	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	•	86,021	88,021		1,77,502	1,77,502,00
the Common Description	7/30/	·	1,30,452	1,30,452	,	1,24,938	1,24,938.00
ins. Summer Research Fellowship	1/369		2,65,156	2,65,166	•	3,33,848	3,33,848.00
W. I ech. (Power System)	1/373	•	1,00,934	1,00,934	,	1,10,550	1,10,550.00
M.Tech. (VLSF& Embeded System)	1/375	•	97,632	97,632	•	1,76,925	1,76,925.00
Environment Engg. Scholarship	1/248	•	57,86,038	57,86,038	,	46.15.029	46.15,029.00
Turbo Engg. Scholarship	1/251	,	46,82,325	46,82,325	•	46.09.304	46.09.304.00
Structure Engg, Scholarship	1/255	•	50,75,670	50,75,670	•	42.07.934	42.07.934.00
Mech. General	1/264	•	41,07,747	41,07,747	1	46.01.593	46.01.593.00
Soil Mech. & Found, Engg.	1,767	'	52,16,853	52,16,853	,	46,36,028	46.36.028.00
Town and Reg. Planning - Scholarship	1/273	,	52,32,515	52,32,515	•	50,04,354	50,04,354.00
M.Tech, Chemical Engg.	1/289	,	34,16,346	34,15,346	'	32,75,536	32,75,536.00
M.Tech. Industrial Electronics	1,292	•	38,25,551	38,25,551	-	34,74,986	34,74,986.00
M.Tech. (Water Res. Engg.)	1,735	1	58,06,456	58,06,456	,	51,54,122	51,54,122.00
M.Tech. (Communication System)	1,7298	,	38,01,184	38,01,184	,	40,37,701	40.37.701.00
M.Tech. (Computer Engg.)	1,301	,	31,08,070	31,08,070	•	29,84,648	29,84,648.00
M.Tech. (Thermal System Design)	1,340.	•	45,95,839	45,96,839	r	44.93.734	44.93.734.00
M.Tech. (Transportation Engg.& Planning)	1,348	٠,	54,03,587	54,03,587	,	52,39,668	52,39,668.00
M.Tech. (CAD/CAM)	1,364	. •	50,05,467	50,05,467	· -	45,35,240	45,35,240.00
M.Tech. (Power System)	1,372	1	44,54,362	44,54,362	•	40,50,463	40,60,463.00
M.Tech. (VLS) & Embeded System)	1/374	•	34,70,479	34,70,479	4	30,34,035	30,34,035.00
M.Tech. Mfg. (Scholership)	1/377	•	43,59,102	43,59,102	,	44,24,821	44,24,821.00
M.Tech. Wife (Contingency)	1,378	•	98,212	212,86	•	1,55,365	1,55,365.00
Ph.D. All Department	1,7285	r	52,29,791	52,29,791	,	. 59,77,028	59,77,028.00
Scholarship to Ph.D. Research Course	1/280	•	11,28,85,877	11,28,85,877	•	7,19,38,642	7,19,38,642.00
							•
Total			19,73,57,044	19,73,57,044		15,32,22,933.00	15,32,22,933.00

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

		Current Vear					Saadow ut suppus
	1					Previous Year	
A Instruction	Lear	Non-Plan	.F=	Total	Plan	Non-Plan	Total
Particular de la companya del companya de la companya de la companya del companya de la companya					T		total
a) Elecatory 1/15/	,	2,97,23,527,00	2	2.97.23.527.00	_		
by water Charges 1/108	,	88,38,766.00		88.38.756.00	•	2,94,87,000.00	2,64,87,000.00
c) insurance	'	•		,		80,78,837.00	80,79,937.00
d) Rent, Rates Taxés (including Property Tax) 1,	•	52,73,354,00	•	T52.73.354.00		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,
B. Communication						53,34,299.00	53,34,299.00
e) Postage and Stationery 1/113	,	2.40.964.00		2 40 952 00	,		1
1) Telephone, Fax and Internet Charges 1/335.		OU SE LIVE		20, 40, 10,00		3,00;659;00	3,00,659.00
C Others		00:101:11:00	٠.	00,41,164,00	'	33,80,873.00	33,80,873.00
g) Printing and Stationage 17110		- 1			•		
b) Transfilms and Comment of the		19,38,580,00		19,38,580.00	ì	17.27.303:00	00 502 20 21
", " " " " " " " " " " " " " " " " " "		80,55,228.00		80,56,228.00	1	S1 17 138 DO	00.000,000,000
i) Hospitality	•				•	00:011/110	81,17,118.00
J) Auditors Remuneration	,	00 W 5 63 EL		12-62 500.00			
k) Professional Charges - Legal fee 17/17	,	20 CT 2 CT		200000000000000000000000000000000000000	ı	4,20,500:00	4,20,500.00
I) Advertisement and Publicity	'	W.270,02.2		22,36,8/2.0U.	' '	61,80,317.70	61,80,317.70
	•	D0:/48/76/5T		13,97,847.00	•	19,92,461.00	19,92,461.00
A COLUMN COLUMN STATES OF TOTAL STATES - INC. N. Daper	:	•	J	•	•	•	
n) Go! Penaity	•	,		,	•	טטטטכ	00 000
O) Departmental Operating Cost (Refer Note 1)	,	38.65.676.00		38.66.676.00		00.002	200.002
p) Misc. Contingencies 1/148		11 77 025 00		11 77 005 00	<u> </u>	מיייני מיייי	44,53,294.00
Ol FD Premative Charges		00.00547.444		77,7,223,00	ŀ	16,74,161.00	16,74,161.00
	,	•		•	1	9,97,200.71	1,2007,200
d) Enterrainment & Kerreshment Expense 1/13	•	8,13,572.00		8,18,572.00	•	6.07,431.00	6 07 431 00
s) Physical Educ. & Gymkhana 1/398, 1/135	•	5,89,517.00		5,89,517.00	 !	4.77.868-00	00 858 00 9
t) Security Service Changes 1/138	,	2,92,25,756,00		2,92,26,766.00	,	2 67 37 955 00	00:000/1//
u) Rent Paid NIT Transit House	•	•		,		200000000000000000000000000000000000000	00.555,75,757
v) NCC & NSS Activity 1/134	•	2.14.248.00		2 1/4 2/48:00		2,30,000,00	2,50,000.00
w) Interest Penalty of Delay Deposit of Income	•	OE OCT 17.01		04 04 17 41	i	7,55,56,500	2,36,989.00
x) Late Payment Interset on GCT & The		77,7,7,70,50		0202747767		' 1	1
of Defeat Attends (Fee 1 (1997)	•	•		•	,	244.00	244.00
y) ratell Account Fee 1/300	,	1		•	,	•	•
z) IGNIS ZUIR EXP.	,			•	'	3,35,863.00	3.35.863.00
aa) Lubricant Inst. Transport system 1/359	•	5,33,730.00		5,33,730.00	•	4.83.308.00	4.83 308 00
ab) Misc. Exp. Inst: Transport System 1/396	•	15,947.00		15,947.00	'	10 936 00	10000000
ac) Rent of Ambulance	,			•	•	132 618 00	00.000,000
ad) Round Off Exp.		,				D):674,275,1	1,22,419.00
ae) CPDA Project Eurol (H.B. Nait)	,	ı		,	·	T.444	1,44
		4 1			,	3,8/9.00	3,879.00
ar) centage charges 2/120	,	1,65,384.00		1,65,384.00	,	46,87,253.00	46,87,253.00
ag) housekeeping & Santation Charges 1/401	•	3,01,15,773.00,	m).	3,01,15,773.00	'	2,77,43,764.61	2,77,43,764.61
ah) Medicine & Dispensery expenses 1/115	•	3,37,450.00		3,37,490.00	•	3,71,207.00	3,71,207.00
al) Institutional Overhead Charges	•			'	•	5,31,600:00	5.31,600.00
a]) Provisional Expense (Security, Housekeepin	•			-	•	5,38,67,066.00	5.38.67.066.00
ak) Accrediation Fee 2/199	•	64,30,250.00		64,30,250:00	'	•	•
al) Ek Bharat Shreshtha Bharat (EBSB) 1/415		2,03,029.00		2,03,029.00	•	•	
TOTAL	•	13,707,8,259,20	£1	13,70,78,259.20		18 56 13 107 46	26 701 61 33 91

	i
	ı
	ı
	1
	İ
	í
	ı
	1
	ı
	١
	ł
	ļ
••	ı
-	ı
0	ı
-	ı
3	ľ
₫	ı

Departmental Operating Cost 13G		Current Year				
,	Plan	North Park			Previous Year	
Departmental Operating Cost UG		I POLICE IGII	lotal	Plan	Non-Plan	Total
Gvil.1/96	,	1				1870
Applied Methanical Free Dentt 1707	•	2,32,965,00	2,32,965.00	•	2 98 789 00	
Flattical Form Dont + 700	•	1,79,137.00	1,79,137.00	•	יייייייייייייייייייייייייייייייייייייי	7,38,789.00
ביבים יים רוופפי הכלורי ד/ 20	•	1,73,547.00	1.73 547 cm	_	00:552:00	2,73,233.00
Electronic Engg Deptt, 1/99	•	00 503 80 6	00.110,000		89,991.00	00.199.99
Computer Center 1/100		חס אחכינים הייא	2,08,502.00	,	2,27,516.00	237566
Merhanical Ener Court 1/101		12,152.00	12,152.00	1	50 538 00	2,21,21,21,21
Medical and the fight of the state of the st	•	1,74,527:00	1,74,627.00	•	00.000,00	50,538.00
Work Sndp 1/102	1.	2,54,778.00	2.54.778.00	•	2,65,7/3,00	2,65,779.00
Physics 1/103	'	131 544 00	131 544 00	'	7,60,503.00	2,60,503.00
Chemistry 1/104	ı	00.11.00.00	חול ליני בין		42,270.00	42,270.00
Maths 1/105	•	0,04,841.80	b,04,841:00		1,99,454.00	1 99 454 00
Chemical 1706	•	80,974.00	80,974.00	,	2.83.852.00	000000000000000000000000000000000000000
Circumcato L/ 200	•	1,30,971.00	1,30,971,00	ı	2 42 63 00	Z,03,632.UU
Computer Deptt, 1/107	•	2.79.679.00	00 679 679		00.159,52,5	5,13,631.00
T&P 1/283	·	200 101 00 6	00:00:00:00	,	1,73,898.00	1,73,898.00
Departmental Operating Cost-PG		001/2717716	3,44,147,00	,	3,35,819.00	3,35,819.00
Mechanical Enga Double 4 /234				-		
Filterial City of the 1/324	'	82,260.00	82,260.00	1	2.04.701.00	20.00
creculcal Engg. Deptt. 1/325	•	00,653,61	13.539.00	,	0000001	2,04,701.00
Computer Engg. Deptt. 1/326	•	8317.00	831700		On The Co	7,680.00
Electronic Engg. Deptt. 1/327	٠,	מה חבל 12	42 7000		48,127,00	48,127.00
Applied Mechanical Engg. Deptt. 1/328	,	77 187 00	12,400,000	•	61,297.00	61,297.00
GWL 1/329		0.000 CO C	7.25.200	•	1,56,047,00	1,56,047.00
Chemicals 1/330	•	2,03,420,00	2,03,420.00	•	2,99,547.00	2.99.547.00
	•	49,075,00	49,075.00	,	53,994,00	60 V00 E3
Applied Physics Depth 1/332	•	2,00,000,00	2,00,000.00	ı	39.166.00	00.400,00
IVI. Sc. (Chemistry) 1/333	• .	4,39,338.00	4,39,338.00	1	4.99.887.00	00.001,00
W. Sc. (Matnematics)				ı	67.575.00	62 525 00
lotal	•	38,66,676.00	38,66,676,00		AA.53.292.00	00.010,10
					now or decide	00.55,234.00

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT SCHEDULE 18 - TRANSPORTATION EXPENSES

					An	Amount in Rupees
Particulars		Current Year			Previous Year	
	Plan	Non-Plan	Total	Plan	Non-Plan	10+01
1. Vehicles (owned by Institution)						- Oca
a) Running Expenses			,	,	ľ	ı
b) Running Expenses	1	P 4	•	· (•	
c) Insurance Expenses			1 1		,	•
2. Vehicles taken by Rent/Lease		•			1	1
a) Rent/Lease Expenses	-	1	ı	•	,	ı
3. Vehicle (Taxi) hiring Expenses	•	, 1		. 1		t i
TOTAL			•			
		The second secon			•	,

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

SCHEDULE 19 - REPAIRS & MAINTENANCE

a) Buildings 1/92 b) Furniture & Fixtures 1/124 c) Plant & Machinery d) Office Machine 1/127	Plan	Current Year Non-Plan 78,18,889,00	•		Previous Year	
dures 1/124 nery e 1/127	neld	Non-Plan 78,18,889.00				
a) Buildings 1/92 b) Furniture & Fixtures 1/124 c) Plant & Machinery d) Office Machine 1/127		78,18,889.00	Total	Plan	Non-Plan	Total
b) Furniture & Fixtures 1/124 c) Plant & Machinery d) Office Machine 1/127	s 4 (78.18,889.00		60 00 469 00	00 00 00
c) Plant & Machinery d) Office Machine 1/127	1 1	42.358.00	42 358 DD		00.0004,00,00	00,03,468.00
d) Office Machine 1/127	<u>.</u>		00:00		00:000:75	52,000.00
d) Office Machine 1/127		•	•	,	•	i .
o) Computor 1/133		48,37,098.00	48,37,098.00	•	67,75,399.00	67.75.399,00
c) combares 1/ 177	•	98,88,936.00	98,88,936.00	•	63,82,036.00	63.82.036.00
f) Laboratory & Scientific Equipment	1	1	•	•	•	
g) Audio Visual Equipment						,
h) Cleaning Materials & Casual work			•	•	ı	,
i) Book Binding Charges			,	•	•	,
J) Gardening 1/128	. '	8,74,108.00	8,74,108.00	•	12,24,467.00	12,24,467,00
k) Estate Maintenance (Electrical)	•	•		,		
I) Air Conditioner 1/123	1	17,08,050.00	17,08,050.00	1	15,94,739.00	15,94,739.00
m) D G Set 1/126	1	14,23,748.00.	14,23,748.00		14,04,278.00	14,04,278.00
n) Water Supply & Drainage 1/95	•	28,12,456.00	28,12,456.00	•	22,32,977.00	22,32,977.00
o) Gas & Pipe Line 1/129	•	89,352.00	89,352.00	•	1,55,566.00	1,55,566.00
p) Vehicle 1/119, 1/120	. '	69,638.00	69,638.00	•	2,51,573.00	2,51,573.00
q) Maintenance charges of SVP Bhavan Guest House 1/392	. (34,73,920.00	34,73,920.00	•	38,21,312.00	38,21,312.00
r) Electric & Telephone 1/125	'	49,09,479.00	49,09,479.00	,	1,23,42,641.00	1,23,42,641.00
TOTAL	•	3,79,48,032.00	3,79,48,032.00		4,22,46,456.00	4,22,46,456.00

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME. & EXPENDITURE ACCOUNT

SCHEDULE 20 -- FINANCE COSTS

<u> </u>						Amount in Rupees
Particulars		Current Year			Previous Voar	
	-				ובמו	_\
	Flan	Non-Plan	Total	Plan	Non-Plan	100
a) Bank Charges		73				lotal
200		19,468.92	19,468,92		25.557.10	75 557 10
oj Ourers	1	,				01.755,52
,			ı		•	•
TOTAL		19,468.92	19,468.92			
			1 - Cincol (c)	•	75:557.10	75 557 10

Note:

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

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT

SCHEDULE 21 - OTHER EXPENSES

					An	Amount in Kupees
Particulars		Current Year			Previous Year	1
	Plan	Non-Plan	Total	Plan	Non-Plan	Total
a) Provision for Bad and Doubtful Debts/Advances						
b) Irrecoverable Balances/Written-off	•	•	•		I	
c) Grants to Kendriya Vidyalaya	1		r	l	1	
d) Salaries to NITS-KIDS staff	•	•	-) !	1	ı
TOTAL		,			•	

Note:

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

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007

SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT SCHEDULE 22 - PRIOR PERIOD EXPENSES

					4	Amount in Punear
Particulars		Current Year	•		Previous Year	capring in the caprin
,	Dian					
1 - 1 - 1 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	Last	Non-Plan	Total	Plan	Non-Plan	Total
L) Establishment Expenses	1.	•				1010
2) Academic Expenses			, 	,	i	1
	•	•	•	•	•	,
3) Administrative Expenses	•	•	•			
4) Transportation Expenses				•	ı	t ·
5) Repair & Maintenance		•		•		
6) Others		•	•	٠.	,	1
	1	•	. 1	ı	•	,
TOTAL	ı	,				
			'	1	1	,

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-7

SCHEDULE-23

SIGNIFICANT ACCOUNTING POLICY (F.Y.2019-20)

1. BASIS OF PREPARATION OF ACCOUNTS

The accounts are prepared under Hybrid method of accounting and cash basis of accounting.

2. REVENUE RECOGNITION

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

3. FIXED ASSETS AND DEPRICIATION

- 3.1 Fixed Assets are stated at cost of acquisition including inward fright, duties and taxes and incidental and direct expenses related to acquisition, installation and commissioning.
- 3.2 Fixed assets acquired during the year either received by way of non-monetary grants/ monetary grants have been capitalized at values stated by corresponding credit to capital fund.
- 3.3 Expenditure for renovation of building has been treated as Capital Expenditure.
- Assets created out of sponsored projects, where the ownership of such assets vests in the Institution are set up by credit to Capital Fund and merged with the Fixed Assets of the Institute. Assets created out of Sponsored project fund, where ownership is retained by the sponsors but held and used by the institution are separately disclosed in "Notes on Accounts" and same has been shown in schedule-4B of balance sheet.
- 3.5 Fixed assets are valued at cost less accumulated depreciation under different blocks.

 Deprecation is provided up to F.Y.2016-17 on the basis of Written Down value method and rate of deprecation as per Income Tax Rule, 1962. From F.Y.2017-18 onwards depreciation is charged as per rates prescribed by MHRD.

3.6 During the current F.Y.2019-20 deprecation are provided as per MHRD rates as under: -

Tangible	Assets	
Sr.No.	Type of Assets	Percentage
1	Land	O
2	Site Development	0
3	Building	$-\frac{1}{2}$
4	Roads and Bridges	2
5	Tube well and water supply	2
6	Sewerage & Drainage	2
7	Electrical Installation and Equipment	5
8	Plant & Machinery	5
9	Scientific & laboratory Equipment	8
10	Office Equipment	7.5
11	Audio Visual Equipment	7.5
12	Computer & Peripherals	20
3	Furniture & Fixture	7.5
.4	Vehicle	10
5	Library Books and Scientific Journals	10
ntangible	Assets(Amortization)	
	E-Journals	40
	Computer Software	40
	Patents & Copyrights fold assets are not available, we have con	ÓV

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

Note: Institute have not charged depreciation on Equipment as per MHRD prescribed rates for different type of equipments like Electrical Installation, Plant & Machinery, Scientific & Laboratory Equipment, Office Equipment and Audio Visual Equipment but they have charged it on blanket rate of 8% treating the same Scientific and Laboratory Equipment.

3.7 Intangible Assets: E-Journals and accreditation fees are grouped under Intangible Assets. The computer software is included in computer peripherals and same are depreciated @ 20% instead of 40% as prescribed by the MHRD.

4. STOCKS:

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

5. RETIREMENT BENEFITS:

Employee Gratuity, leave encashment are accounted on demand basis by the employee. No any retirement benefits have been ascertained by the actuaries nor has provision been made by the Institute since inception of Institute.

6. INVESTMENTS:

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

EARMARKED/ENDOWMENT FUNDS:

The Income from investments is created on an accrual basis to the respective funds. The Expenditure is debited to the fund. The assets created out of earmarked fund where the ownership vests in the institution, are merged with the assets of the institution by separately creating equal amount from Endowment Fund. The balance in the respective funds is carried forwarded and is represented on the assets side by the balance at bank, Investments and accrued interest.

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

8. GOVERNMENT GRANTS (MHRD)

- 8.1 Government Grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31st March and the Grant is actually received in subsequent financial year, that grant is accounted on receipt basis.
- 8.2 Grants received under OH 35 has been utilized towards construction of building and creation of capital assets, grants received under OH 31 have been utilized for general expenditures, scholarship and fellowship to students and grants received under OH 36 has been utilized towards salary, pension and pensioner's benefits.
- 8.3 During the year under review the Institute has received Government grants amounting to Rs.1.60 Crores for Capital Expenditure (OH-35).
- 60 Government grants for meeting Revenue Expenditure under the head (OH-31 & OH-35) are treated as income for the year in which they are released/ received by the Institute. During the F.Y. 2019-20, Institute has received Rs. 81.87 Crores under OH-31 and Rs. 64.00 under OH-36.
- 9. INVESTMENT OF EARMARKED FUNDS AND INTEREST INCOME ACCRUED ON SUCH INVESTMENTS:

To the Extent not required immediately for Expenditure, the amount available against such funds is invested in short/long term Deposit in Scheduled Nationalized banks and leaving in saving bank account. Interest received, interest accrued and due interest accrued but not due

on such investment are added to the respective funds and not treated as income of the institute.

SPONSORED PROJECTS

- In respect of ongoing sponsored projects, the amount received from sponsors are created to the head "Current Liabilities and Provisions/Other Current liabilities/Endowment fund-receipts ongoing sponsored projects. As and when expenditure is incurred/advance are paid such projects or the concerned project account is debited with allocated overhead charges, the liabilities account is debited.
- In addition to the Earmarked fund for the Junior Research Fellowships funded by the MHRD, Fellowships and Scholarship are also sponsored by various organizations. These are accounted in the same way as sponsored project except that the expenditure generally is only on disbursement of Fellowship and scholarships, which may include allowances for contingent expenditure by the Fellows and scholars.
- 10.3 The Intuition Awards Fellowships and scholarship to under graduate and post graduate students which are accounted as Academic expenses.

11. CAPITAL COMMITMENTS

Estimated value of contacts to be executed towards capital expenditure of Rs. 14.09 Crores as on 31.03.2020 which is paid as advance to CPWD, Vadodara.

12. INCOME TAX

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

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-7

SCHEDULE-24

CONTIGENT LIABILITES AND NOTES ON ACCOUNTS (F.Y.2019-20)

A. 1. CONTINGENT LIABILITIES:

- 1.1 There were no disputed demands in respect of income tax, sales tax, goods and service tax, municipal taxes, etc. as at the end of the year.
- As on 31.03.2019 Rs.1,48,62,963/- EPF amount paid or taken by the PF Commissioner, Surat, the matter are disputed at Honorable High Court of Gujarat. The amount are paid by the Institute as on 19.09.2014 vide order No.GJ/RO/SRT/13323/COMPLAIN/8F/1371 DT.18.09.2014.

B. NOTES ON ACCOUNTS

2. FIXED ASSETS

2.1 Addition during the year in Fixed Assets in schedule includes assets purchased out of plan fundsRs.661.28 Lakhs, and Rs.Nil for Non planned fund by the Institute.

3. INVENTORIES VALUATION:

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

3. DEPOSIT LIABILITIES

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

4. EXPENDITURE IN FOREIGN CURRENCY:

Rs.34.32 Lakh paid on account of Honorarium for Evaluation of PH.D. as well as foreign travelling expenses which are paid in foreign currency.

5. CURRENT ASSETS, LOANS, ADVNACES AND DEPOSITS

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

- 6. The details of balance in saving account and fixed deposit account with banks are enclosed as per schedule "7(A)".
- Previous year figures have been regrouped/re arranged wherever necessary.
- 8. Schedule 1 to 24 are annexed to and from integral part of the balance sheet at 31st March, 2020 and the Income & Expenditure account for the year ended on that date.
- 9. As the provident fund Account and new pension scheme Account are owned by the members of that fund and not by the Institute, these account were separated from the Institute account. A Receipt and payment account and Income and Expenditure account and balance sheet of the Provident fund account as well as the New Pension Scheme for the year are attached, with the institute accounts.

14. WORK IN PROGRESS:

Nil during the year.

15. TUTION FEES:

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

16. Others

- a) Previous year figure re-casted and re-grouped wherever necessary in conformity with current year presentation.
- b) Tuition fees exemption has been extended to all SC/ST students along with other benefits. Hence, Tuition fees accounted on semester basis and other benefits such as lap top, book allowance, Mess allowance are on claim basis.

Page **6** of **8**

- c) Service Tax Return for the first quarter for FY 2017-18 as applicable not filed by the Institute. Further, the payment of service tax amounting to Rs.297561 is due to the Government.
- d) The Institute has not paid RCM under GST law on applicable services.
- e) The huge amount lying in the Security Deposit and EMD account are collected from vendor are since 1991, which we recommend to the Institute to either pay back or booked as Income.
- f) Interest on Fixed Deposit is taken as per the details provided by the bank.
- g) TDS receivable for F.Y.2019-20 of Institute are not reconciled with 26AS.
- h) Accrediation Fees paid by the Institute to National Board of Accrediation (NBA), New Delhi for F.Y. 2019-20 amounting to Rs. 3,54,000 has been transferred to Deferred Revenue Expenditure and to be written off in 2 years (Validity of this certificate is of 2 years). Further, in earlier year Rs. 62, 53,250 has been booked under Intangible Asset, now the same has been booked as Revenue Expenditure in F.Y. 2019-20 and the depreciation charged on the same last year has been reversed this year.
- i) The inter-reconciliation between the Account Section and R&C Section regarding the Interfund transfer is un-reconciled.
- j) Details of the given below account are not available with the Institute

Sr. No.	Name of the account	Amount (Rs.)	
1.	Donation	2,50,692	
2.	GST	12,11,927	
3.	Service Tax Payable	2,97,561	
4.	SD Consultancy	16,07,939	
5.	TDS Consultancy	2,06,29,824	

- k) The Physical Verification of Fixed Assets has not been carried out by the Institute for year under audit.
- During the course of audit, we observed that six projects are un-reconciled with the balance lying in bank.
- m) During the year Rs.5,38,67,066 shown as a credit in expenses side of Income & Expenditure

 Account during the year. The same was booked as provision for expenses under the head

Misc. Expenses on lumpsum basis in F.Y. 2018-19. Now during the year the actual provision for the expenses have been booked under corresponding head.

- n) Sundry Debtors of Rs. 1.99 Crores are outstanding for more than 365 days as on 31.03.2020.
- o) During the year under audit, transaction amounting to Rs. 46,39,967/- has been booked as Misc. Income. The detail of the above amount is not available.
- p) As decided in 8th BOG dated 14.06.2006, vide item no. 10 that a certain percentage of fees collected every year needs to be transferred to Corpus Fund, however the same was not transferred to the said Fund by Institute since 2013-14 to 2018-19. Now during the year, Institute have transferred Rs.57,89,970/- to Corpus Fund out of the fees collected in F.Y. 2019-20. Further, they have also transferred Rs. 2,23,00,679/- from Institute Corpus Fund (U.G), Rs. 1,82,04,975/- from Institute Corpus Fund (P.G.), Rs. 31,36,151/- from Institute Corpus (M.Sc.) and Rs. 81,43,550/- from SVNIT Development Fund to Corpus Fund Account.
- q) During the year under audit, institute has not collected/charged GST on Tender Fees.
- Schedule No. 2A, 5 and 21 are not applicable to institute.

s) Schedule No. 14, 18 and 22 are not available for our reporting.

I/c Dy.Registrar(A/cs)

Director

Place: Surat

Date: 18th June, 2020

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TEHNOLOGY,SURAT-395007 CONTRIBUTORY' GENERAL PROVIDENT FUND ACCOUNT BALANCE SHEET AS AT MARCH 2020 (2019-2020)

ñ	Sr no Fund & Liabilities	Sch		Current vear	Drawler Spice	ACCI AS A I MA	7 5	Predoit 100					
				2019-20		2018 40	֝֝֟֝ ֞	or no lassens & Property	SS.	Current year	t year	Previous year	A COST
			Amount (Pe.)	1,00	₹	EL-91	_		_		2019-20		o year
	CPF/GPF A/Cs	L		Τ	Amount (KB.)	Amount (Rs.)			¥	Amount (Rs.)	ount (Rs.)	Amount (Re.)	Amount (8-1)
	Opening balance		14,79,40,271.50		12.50.07.900.00			S.B.I(F.D.R)			80		Allowit (RS.)
	for the year		1,61,16,585,00	•	142 18 203 On			Centerts Benk (F.D.R.)			7.60.00.00.00		18 40 00 00 00
	Subscriptcontri and refund of Adv	∢	2,68,71,300.00		2.54.82.827.00	<u> </u>		S.B.I S.B.A/C			29,54,623.16		1.75.13.124.86
	FDR enchased (prin. amount)	0						T.D.S			15.04.785.00		200 077 00 4
			19,09,28,166,50	•	16.47.07.020.00	,		Inference and a second		-			3,50,442,30
	LESS:windrawal during the year	O	2 28,55,468,00		1,67,66,660.00	•••		HIGH GALL GOODVAILOR ON P. D.K.	T.		56,18,876.88		29,62,418,49
	Less:Expenses		16,80,72,698.50		14,79,40,360.00			RBI BOND 8 % GOI (F.D.R.)			4,00,00,000,00		4 00 00 000 00
	Benk charges LESS:Investment in F.D.R of Canara Bank		88.50	18 80 72 840 00	88.50	1		Infough Stock Holding Co. (1) Ltd.		,		-	
	Add: Excess Assets over Liabilities			5.83.37.361.77		14;79,40,271,50		Aliahabad Bank (F.D.R.)			3,00,00,000.00		•
											•		
	Opening balance		2,04,69,622.27		2,15,57,299.78				_	·· · · · · · · · · · · · · · · · · · ·			
	ADD:			,									
	Interest	۵	1,04,09,745.00		1,31,29,536.49			-					
	LESS:												
	(Given to subscribers)	ш	1,61,16,595.00		1,42,16,293.00						•		
	Arrests account	ш	970.00	1,47,61,802.27	821.00	2,04,69,622.27							
	LAPSE FUND			12,841.00		12,841.00							
	SUSPENSE AC			1,08,765.00		1,08,765.00							
	H.G.S.A.C. Opening balance		(2,16,085.00)		(2.16,085.00)								
	ADD: Interest credited for the year LESS:withdrawal	Ø	970.00	(2.15.115.00)	3 805 00				•	·····			
						5,454.88					,		
						•						<u> </u>	
		·		24,10,78,265.04		22,20,35,985,65					24 40 70 000 01		
					1						44,141,0400.00		22,20,35,985.65

Dy. Registrar (Alcs.) Bilts of the Principal Birector of kulit (Legant) Transmitter of kulit (Legant)

Ander oneran, Kanzangpera, Anmedaber on 100

306

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TEHNOLOGY, SURAT-7

CONTRIBUTORY/ GENERAL PROVIDENT FUND ACCOUNT

SCHEDULE FORMING PARTS OF ACCOUNTS

Schedule: A Subscrip/contri and refund of Advance

Particulars	Current Year	Previous Year
- I al dodado	Amount (Rs.)	Amount (Rs.)
CPF receipt Class1	3,40,500.00	6,79,534.00
GPF receipt Class1	1,89,75,950.00	1,63,01,804.00
GPF receipt Class3	51,46,530.00	57,00,786.00
GPF receipt Class4	24,08,320.00	28,00,703.00
TOTAL	2,68,71,300.00	2,54,82,827.00

Schedule: B FDR encashed (prin. Amount)

Particulars		urrent Year nount (Rs.)	Previous Year Amount (Rs.)
S.B.I Bank Canara Bank		• •	
TOTAL	· · · · · ·		

Schedule: C Withdrawal during the year

Particulars	Current Year	Previous Year
1 Willouidio	Amount (Rs.)	Amount (Rs.)
CPF Officer Part Final		_ `
GPF Officer Part Final Class-1	16,00,000.00	18,10,000.00
GPF Officer Payment	3,12,000.00	
Final Payment CPFOfficer Class-1	77,90,180.00	77,64,938.00
Final Payment GPFOfficer Class-1	32,95,523.00	13,68,501.00
Loan/Advance Class 1 CPF	-	-
Loan/Advance Class 1 GPF	- 1	7,02,000.00
GPF Part Final Class 3	45,84,000.00	17,24,222.00
GPF Part Final Class 4	27,99,000.00	9,15,000.00
GPF Loan/Advance Class 3	4,08,000.00	72,000.00
GPF Loan/Advance Class 4	70,000.00	69,000.00
Final Payment on Retirement Class 3 GPF	7,37,149.00	•
Final Payment on Retirement Class 4 GPF	12,59,616.00	20,35,251.00
TOTAL	2,28,55,468.00	1,67,66,660.00

Schedule: D Interest

Particulars	Current Year Amount (Rs.)	Previous Year Amount (Rs.)
Interest on S.B. Interest on Canara Bank FD Interest on RBI Bond % Interest on S.B.I FD	5,14,630.00- 70,15,115.00 28,80,000.00	4,04,870.00 98,44,666.49 28,80,000.00
TOTAL	1,04,09,745.00	1,31,29,536.49

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

	Current Year	Previous Year
Particulars	Amount (Rs.)	Amount (Rs.)
Class 1 CPF	3,07,470.00	7,20,182.00
Class 1 GPF	1,26,85,413.00	1,05,99,657.00
Class 3 GPF	24,98,506.00	21,91,985.00
Class 3 GPF Class 4 GPF	6,25,206.00	7,04,469.00
TOTAL	1,61,16,595.00	1,42,16,293.00

Schedule: F Interest transferred to HGS Arrears a/c

	8 (1	Current Year	Previous Year
	Particulars	Amount (Rs.)	Amount (Rs.)
Class 3 Class 4	· · · · · · · · · · · · · · · · · · ·	970.00	921.00
TOTAL		970.00	921.00

Schedule: G Withdrawal during the year

	Current Year	Previous Year
Particulars	Amount (Rs.)	Amount (Rs.)
HGS Final Payment Class 3 HGS Final Payment Class 4	-	3,805.00
TOTAL		3,805.00

Schedule: H Interest receivable on F.D.R

Particulars		Current Year	Previous Year Amount (Rs.)
	<u> </u>	Amount (Rs.)	Amount (1784)
Canara Bank		15,84,325.88	29,62,418.49
State Bank of India		38,33,069.00	-
Allahabad Bank		2,01,482.00	. •
TOTAL	•	56,18,876.88	29,62,418.49

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT-395007 RECEIPT AND PAYMENTS ACCOUNT FOR FOR THE YEAR ENDED 31ST MARCH 2020

RECEIPTS	Current Year	Previous Year			Amonut in Rupees
I. Opening Balances:		IPSI COLOR	PAYMENTS	Current Year	Previous Year
a) Cash Balances	224 452		<u>-11</u>		
b) Bank Balance	751,157	388,508	a) Establishment expenses		
	229,571,168	221,928,257		559,245,804	516,864,492
II. Grante Received.			cl Administrative Sugar	193,103,272	165,128,358
a) oler Community			c) reministrative expenses	345,423,746	353 153 182
h) No olar	16,000,000		1 Damende Conference		004/201
o) Ivon-rian Grant: From Govt of India	1,458,700,000	500,000,000	Ŀ		
				6,002,102	27 048 157
Glatics-te-Ald Receivable :			Account	24,000	8 857 077
a) Plan Grant: From Government of Late					
b) Non-Plan Grant: From Cont of India	0	0	III. Payments against Snopsored Problem forth	_	
eibul lo race i lori con		0	Misc Payments against Grant Co. 6		
			Sample Semist Gland, Conference	0	0
III. Academic Receipte			IV. Payments against Consessed		
	372,948,246	336,230,888	336,230,888 Fellowships/Scholarships/ Consultance, Parison		-
			The constitution of the co	0	C
IV. Receipts against Earmarked/Endowmwnt	31,136,729	70 584 200			
-unds		UCC,+00,52			
V. Receipts against Sponsored Project:			a) Out of Earmarked	- -	
Grants Received from AICTE/GOI	5 6	D	b) Out of own funds(Investments-others)		
Other Misc Receipts against Conference	⋾	8	O'VI. Term Deposits with Schedule Banks	036 350 360	
	5	0		057,555,055	/0,600,000
VI. Receipts against sposored Fellowships &	8,812,423	12 918 967 Browns	VII. Expenditure on Fixed Assets and Capital Works- in -		
Scholarships		TOO OT COL	1061535		
				44,351,924	85.734 RAA
VII. Income on Investments from			b) Capital Works -in- Progress	0	
a) Earmarked/Endowment funds					
h) Other issuert	0	0			
	0	J. O	O Viii Other Daymonts includian		
			The state of the s	312,744,651	131,423,992
				_	

	The second second				
	() () () () () () () () () ()		W Bothod of Caracteristics		
a) Bank Deposit	A1.271		Melding of Grants/ Loan	40.000 nm	Section of Section
b) Loans and Advances	OT CAT				203,214,475
	Contraction of the Contraction o	Section Contracts	O X Deposite and Advances		
. cl. Savings Bank Account	2.398.802	CUSE SCHOOL STREET	STORY OF THE STORY	145,610,653	136 107 960
d) Against Project Account	Carrier and the second	(A)		「衛衛衛衛衛の大衛衛の大衛衛の大大衛の	A. Charles The
を表現である。 では、これでは、これでは、これでは、これでは、これでは、これでは、これでは、これ		0		1000年 日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日	にはは職権がようにはなっている。
IX. Investments encashed			XI Office Dynamics		
				28,425,643	28.665.141
X. Term Deposits with Scheduled Banks				一位 医骨头上的	
encashed.	427,350,190	115,645,554			
XI. Other income finchading prior Period		4. P	XII. Closing balances	このできない。 これのできない これのでき	
(hrome)	23,153,454	0	a) Cash in hands		
				123,213	221,157
All. Deposits and Advances					
Plant Machinery & Equipment		5 6	L In Current Accounts	102,101,916	229 571 168
Received from various deposits					2
Other Deposits		12,325,557			
Looke D. Administra		Section 1			
Coais of Advances	411,155.00	469,421,265			
Airl. Miscellenous Receipts Including Statutory	17.779.772	50 296 mz		5.	
Section	1,072,823	3.473.497			
XIV. Any other Receipts	183 787 149	100 030 003			
The state of the s	- 11	102,707,681			
	2,773,516,173	2,018,585,004	TOTAL		
Date 18th less 2000				2,773,516,173	2,018,585,004
Date . Tour June 2020			•		
Place: Surat	1		THE PARTY		
	•	1		グラミン	
	I/C Dy.Registrar(A/c)	- \		小だらく	, .
			Now I state of	V DIRECTOR	
		/	\	•	
		///w		•	
	\	व्यर्रे लेखी परीक्षा आधिकारी	गरी		-
		e. Andit Officer			
	\	or. Acute Circle		•	
	(कार्यालय	कार्यालय प्रधान निदेशक लेखा परीक्षा (कन्द्राय) गुजरात	कन्द्राय) मुजरात		•
	Define of the	nation of the Principal Director of Audil (Coetzal), Suizral	Centra!). Guiarat		
			200000		
	लखापराह	מיים של אפשי שפעים אין יישע אפעיים איים איים איים איים איים איים איים			
	Audit Bh	Lidit Bhayan, Marrangpura, Anmendusa-Sousus	202000-500000		
				•	