Annexure: 1 MANDATORY DISCLOSURE

TO BE INCLUDED IN THE RESPECTIVE INFORMATION BROCHURE, DISPLAYED ON THEIR WEBSITE AND

The information has been provided by the concerned institution and the onus authenticity lies with the institution and not on AICTE.

1. Name and Address of the Institution.

Name	Narnarayan Shastri Institute of Technology	
Address	At-jetalpur,Ta-Dascroi,Dist-Ahmedabad	
Location	Jetalpur	
Place	Dascroi	
District	Ahmedabad	
Pin Code	382427	
State	Gujarat	
STD Code	02718	Phone No.	233701, 233001
Fax No.	282415	E-mail	nsitgurukul@yahoo.com
Nearest Rly. Station	Ahmedabad	Distance in Kms.	20 Kms.
Nearest Airport	Ahmedabad	Distance in Kms.	45 Kms.

2. Name and Designation of the Head of the Institution- Principal/Director.

Name	Dr. Kiritkumar Bhatt				
Designation	Principal	Qualification & Experience	Highest Degree	Specialization	Total Experience
		M.E. – Ph.D 35Years	Ph. D	Embedded systems, VLSI,	35 years
STD Code	02718	Phone No. (O)	233001	Fax No.	02718-233701	
STD Code		Phone No. (R.)		Fax No.	-	
E-mail	nsitgurukul@yahoo.com	Mobile Phone	9824292142			

3. <u>Name and Address of the Affiliating University.</u>

Name	:	Gujarat Technological University		
Address	:	Nr.Vishwakarma Government Engineering College		
		Nr.Visat Three Roads, Visat - Gandhinagar Highway		
		Chandkheda, Ahmedabad – 382424 - Gujarat		
Pin Code	:	382424	Year of Affiliation	: 2008
Phone No	:	079-23267564	Fax No.	: 079-23267580
E-mail/	:	gtu.info@gmail.com	Website	: www.gtu.ac

4. <u>Board of Governance:</u>

GOVERNING BODY HAS BEEN CONSTITUTED AS PER THE GUIDELINES OF ALL INDIA COUNCIL FOR TECHNICAL EDUCATION; THE GB CONSISTS OF THE FOLLOWING MEMBERS.

1)	Shastri Swami Atmaprakashdasji (Mahantshri)	Chairman	Society
2)	Shastri Swami Purushottamprakash Dasji (Mahantshri)	Managing Trustee	Society
3)	Shastri Swami Uttampriyadasji	Secretary	Society
4)	Sadhu Shyamcharandasji	Trustee	Society
5)	Shri Chimanlal Parshottamdas Patel	Trustee	Society
6)	Shri Jivanlal Lakshmandas Chaudhary	Trustee	Society
7)	Shri Mohanlal Dhanjibhai Patel	Trustee	Society
8)	Shri Kishorbhai Makwana	Technical Advisor	
9)	Shri Bharatbhai Patel	Technical Advisor	
10)	Shri Janakbhai Patel	Advisor	
11)	Dr.Kiritkumar Bhatt	Member	Principal,

5. <u>Frequency of the board meeting & academic advisory body/Governing Body</u>

Trust / Board	2 to 3 meetings per year
Governing Body	3 to 4 meetings per year

6. <u>Nature and extent of involvement of faculty and student in academic affairs</u>

➢ Faculty members are involved in curriculum development.
➢ Regular workshops/seminars are conducted to improve the teaching methodology.
➢ Students are made aware of the schemes of studies/awarding of sessional marks.
➢ All students are informed and instructed about all curricular activities of the institutions through notifications and displays at prominent place and laboratories. The courses are taught through lectures and tutorials.

7.   Mechanism/ Norms & procedure for democratic/ good Governance:

- Day –to-day working by Principal
- Frequent meeting between Principal and the concerned faculty members
- Meetings between Teacher-Guardian and Students for possible improvement in Governance.
- Meetings of the Governing Body at regular interval
- Meetings of the Trustees and advisory committee at regular interval.
- We follow the rules and regulations laid down by our management and affiliating University.

8.   Students Feedback on Institutional Governance/ Faculty performance:

- Feedbacks from students are collected at regular intervals by personal contacts by the Principal and also in standard prescribed format as a written document.

- Feedbacks taken from students are analyzed and accordingly Preventive measures are adopted.
- Students are free to meet the principal to express their views about the performance of any teacher at any time.
- Grievance redressal mechanism of faculty, staff and students
- A free atmosphere has been created to hear the problems of students and faculty.
- Grievance redressal cell has been created to hear the problems of the students.
- Complaint boxes have been put as prominent places inside the college campus.
- The phone numbers, cell numbers and e-mail ids have been made available to students for any sort of grievances at any time.
- Students are free to send e-mail which are given due importance.
- For the smooth and better governance of the institute various committees are formed. These committees formed from the faculty members.

9.   Name of Under Graduate program approved by AICTE.

Sr. No.	Course	Existing Approved Intake	Duration
1	Computer Science & Engineering	60	4 Years
2	Electronics & Communication	30	4 Years
3.	Mechanical Engineering	60	4 Years
4	Electrical Engineering	30	4 Years
5	Civil Engineering	60	4 Years
6	Automobile Engineering	60	4 Years

10. Cut-off marks/rank for admission

Year	Branch	Closing Rank	
		ACPC	Management
2018-19	Computer Engg		
	E&C Engg	VACANT	VACANT
	Mechanical Engg	VACANT	VACANT
	Electrical Engg	VACANT	VACANT
	Civil Engg	VACANT	VACANT
	Automobile Engg.	VACANT	VACANT
2019-20	Computer Engg	VACANT	VACANT
	E&C Engg	VACANT	VACANT
	Mechanical Engg	VACANT	VACANT
	Electrical Engg	VACANT	VACANT
	Civil Engg	VACANT	VACANT
	Automobile Engg.	VACANT	VACANT
2020-21	Computer Engg	VACANT	VACANT
	E&C Engg	VACANT	VACANT
	Mechanical Engg	VACANT	VACANT
	Electrical Engg	VACANT	VACANT
	Civil Engineering	VACANT	VACANT
	Automobile Engg.	VACANT	VACANT

11. ADMISSION

Year	Course	MECHANICAL ENGINEERING	ELECTRICAL ENGINEERING	CIVIL ENGINEERING	ELCTRO. & COMMUNICATION ENGG.	COMPUTER ENGINEERING	AUTOMOBILE ENGINEERING
2008	Actual Admission	66	66	0	66	66	0
2008	Sectioned Intake	60	60	0	60	60	0
2009	Actual Admission	65	67	66	66	66	0
2009	Sectioned Intake	60	60	60	60	60	0
2010	Actual Admission	132	70	69	66	66	0
2010	Sectioned Intake	120	60	60	60	60	0
2011	Actual Admission	126	63	63	63	63	63
2011	Sectioned Intake	120	60	60	60	60	60
2012	Actual Admission	127	63	126	59	62	126
2012	Sectioned Intake	120	60	120	60	60	120
2013	Actual Admission	123	62	124	31	62	120
2013	Sectioned Intake	120	60	120	60	60	120
2014	Actual Admission	127	62	109	0	61	96
2014	Sectioned Intake	120	60	120	60	60	120
2015	Actual Admission	107	31	42	0	58	52
2015	Sectioned Intake	120	60	120	60	60	120
2016	Actual Admission	42	9	19	0	57	18
2016	Sectioned Intake	120	60	60	60	60	60
2017	Actual Admission	30	11	15	0	50	11
2017	Sectioned Intake	120	60	60	60	60	60
2018	Actual Admission	10	2	3	0	41	7
2018	Sectioned Intake	60	60	60	60	60	60
2019	Actual Admission	6	0	2	0	35	4
2019	Sectioned Intake	60	60	60	60	60	60
2020	Actual Admission	2	2	0	0	14	0
2020	Sectioned Intake	60	60	60	30	60	60
2021	Actual Admission	8	2	1	1	42	1
2021	Sectioned Intake	60	30	60	30	60	60

12. MANAGEMENT& NRI QUOTA ADMISSION DETAIL

Year	Quota	Application Received	Admitted
2011	MANAGEMENT	61	59
	NRI	41	39
2012	MANAGEMENT	155	130
	NRI	02	02
2013	MANAGEMENT	100	98
	NRI	0	0
2014	MANAGEMENT	60	58
	NRI	0	0
2015	MANAGEMENT	30	27
	NRI	0	0
2016	MANAGEMENT	46	42
	NRI	0	0
2017	MANAGEMENT	41	41
	NRI	0	0
2018	MANAGEMENT	30	30
	NRI	0	0
2019	MANAGEMENT	16	16
	NRI	0	0
2020	MANAGEMENT	0	0
	NRI	0	0
2021	MANAGEMENT	0	0
	NRI	0	0

13. Fee Structure of the Institution:

Sr. No	Category	ACPC Quota		Management Quota	
		Fixed by the state fee committee	Being charged by the institution	Fixed by the state fee committee	Being Charge by the institution
1	Admission Fee	-	-	-	-
2	Tuition Fees	63000	63000	63000	63000
3	University Fee (examination fee, Registration fee etc.)	2000.00 (May vary according to GTU norms)			
4	Hostel Fee (Inclusive lodging & boarding) INR.	40000.00 INR			

Time schedule for payment of fee for the entire program in first month of each semester, It is notified on the notice board as well as website of the Institute.

14. Placement facilities:

A full time Training & Placement Officer is to be appointed. A student's committee for training & Placement is proposed to be formed.

15. Faculty

Available faculty members : 57
Full time : 33+5*
Visiting Faculty : 19

16. Work load for the all departments is as follows teaching Scheme Semester wise

Sr. NO	Subject	Sub. Code	work load			No of class	NO of Batch	Total Workload			Total
			Theory	Tutorial	Practical			Theory	Tutorial	Practical	
NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY, JETALPUR.											
YEAR 2021-22											
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING DEPARTMENT											
EVEN SEMESTER WORKLOAD SEM - 2ND,4TH,6TH,8TH											
4TH SEM											
1	DE-IB	3140005	0	0	2	1	2	0	0	4	4
2	OS	3140702	4	0	2	1	2	4	0	4	8
3	OOP-I	3140705	4	0	2	1	2	4	0	4	8
4	COA	3140707	3	0	2	1	2	3	0	4	7
5	PEM	3140709	3	0	0	1	2	3	0	0	3
TOTAL			14	0	8			14	0	12	30
6TH SEM											
1	DE-IIB	3160001	0	0	2	1	3	0	0	6	6
2	IPDC	3160003	2	0	0	1	3	2	0	0	2
3	TOC	3160704	4	1	0	1	3	4	1	0	5
4	AJP	3160707	3	0	2	1	3	3	0	6	9
5	SS	3160715	3	0	2	1	3	3	0	6	9
6	WP	3160713	3	0	2	1	3	3	0	6	9

Sr. NO	Subject	Sub. Code	Theory	Tutorial	Practical	No of class	NO of Batch	Theory	Tutorial	Practical	Total
7	DM	3160714	3	0	2	1	3	3	0	6	9
8	DAV	3161613	2	0	2	1	3	2	0	6	8
9	CNS	3161606	3	0	2	1	3	3	0	6	9
TOTAL			23	1	12			23	1	42	66
8TH SEM											
1	SI	3183101	0	0	24	1	3	0	0	72	72
TOTAL			0	0	24			0	0	72	72
										TOTAL	168

NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY, JETALPUR.											
YEAR 2021-22											
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING DEPARTMENT											
ODD SEMESTER WORKLOAD SEM - 1ST,3RD,5TH,7TH											

Sr. NO	Subject	Sub. Code	work load			No of class	NO of Batch	Total Workload			Total
			Theory	Tutorial	Practical			Theory	Tutorial	Practical	
1 ST SEM											
1	PPS	3110003	3	0	2	1	3	3	0	6	9
TOTAL			3	0	2			3	0	6	9
3RD SEM											
1	ETC	3130004	3	0	2	1	3	3	0	6	9
2	IC	3130007	2	0	0	1	3	2	0	0	2
3	DE-IA	3130008	0	0	2	1	3	0	0	6	6
4	DS	3130702	3	0	4	1	3	3	0	12	15
5	DBMS	3130703	4	0	2	1	3	4	0	6	10
TOTAL			12	0	10			12	0	24	42
5TH SEM											
1	DE-IIA	3150001	0	0	2	1	2	0	0	4	4
2	IPDC	31500	2	0	0	1	2	2	0	0	2

		05									
3	ADA	315 07 03	4	0	2	1	2	4	0	4	8
4	PE	315 07 09	3	0	0	1	2	3	0	0	3
5	CN	315 07 10	4	0	2	1	2	4	0	4	8
6	SE	315 07 11	3	0	2	1	2	3	0	4	7
7	PYTH ON	315 07 13	2	0	2	1	2	2	0	4	6
	TOTAL		18	0	8			18	0	20	38
7 TH SEM											
1	SI	317 00 01	0	0	2	1	3	0	0	6	6
2	CD	317 07 01	3	0	2	1	3	3	0	6	9
3	CC	317 07 17	3	0	0	1	3	3	0	0	3
4	AI	317 07 16	3	0	2	1	3	3	0	6	9
5	DS	317 07 19	3	0	2	1	3	3	0	6	9
6	ML	317 07 24	3	0	2	1	3	3	0	6	9
7	DF	317 07 25	2	0	2	1	3	2	0	6	8
	TOTAL		17	0	10			17	0	36	53
										TOTAL	142

Work Load for EE & EC department with teaching scheme, semester wise

YEAR 2021-2022

Sr. No	Subject	Work Load			No. of Class s	No of Bat ch	Total Work Load			Tot al	Semest er
		Theory	Tutorial	Practical			Theory	Tutorial	Practical		
ELECTRICAL ENGINEERING											
1	Effective Technical Communication	2	0	2	1	1	2	0	2	4	3rd sem
2	Indian Constitution	2	0	0	1	1	2	0	0	2	3rd sem
3	Design Engineering - I A	0	0	2	1	1	0	0	2	2	3rd sem
4	Control System Theory	3	0	2	1	1	3	0	2	5	3rd sem
5	Electrical Circuit Analysis	3	1	2	1	1	3	1	2	6	3rd sem
6	Analog & Digital Electronics	4	0	2	1	1	4	0	2	6	3rd sem
7	Applied Mathematics for Electrical engineering	3	2	0	1	1	3	2	0	5	3rd sem
8	Design Engineering 1 B	0	0	2	1	1	0	0	2	2	4th sem
9	Economics for Engineers	3	0	0	1	1	3	0	0	3	4th sem
10	Electromagnetic Fields	3	1	2	1	1	3	1	2	6	4th sem
11	Electrical Machine-I	3	0	2	1	1	3	0	2	5	4th sem
12	Power System-I	4	0	2	1	1	4	0	2	6	4th sem
13	Power Electronics	4	0	2	1	1	4	0	2	6	4th sem
14	Design Engineering-IIA	0	0	2	1	1	0	0	2	2	5th sem
15	Contributor Personality Development Program	2	0	0	1	1	2	0	0	2	5th sem
16	Professional Ethics	3	0	0	1	1	3	0	0	3	5th sem
17	Electrical Machine-II	4	0	2	1	1	4	0	2	6	5th sem
18	Power System-II	4	0	2	1	1	4	0	2	6	5th sem
19	Signals & Sytems	3	0	2	1	1	3	0	2	5	5th sem
20	Disaster Management	3	0	0	1	1	3	0	0	3	5th sem
21	Design Engineering II B	0	0	2	1	1	0	0	2	2	6th

											sem
22	Integrated Personality Development Course	2	0	0	1	1	2	0	0	2	6th sem
23	Microprocessors & Microcontrollers	4	0	2	1	1	4	0	2	6	6th sem
24	Electrical Measurement & Measuring Instruments	4	0	2	1	1	4	0	2	6	6th sem
25	Energy Conservation	3	0	0	1	1	3	0	0	3	6th sem
26	Wind And Solar Energy	3	0	0	1	1	3	0	0	3	6th sem
27	Elements of Electrical Design	3	0	0	1	1	3	0	0	3	6th sem
28	Electrical Drives	3	0	2	1	1	3	0	2	5	6th sem
29	Inter Connected Power System	3	0	2	1	1	3	0	2	5	6th sem
30	HVDC Transmission systems	3	0	2	1	1	3	0	2	5	6th sem
31	Object Oriented Programming	2	0	2	1	1	2	0	2	4	6th sem
32	Electrical Materials	3	0	0	1	1	3	0	0	3	6th sem
33	Cyber Laws And Ethics	3	0	0	1	1	3	0	0	3	6th sem
34	Summer Internship	0	0	0	1	1	0	0	0	0	7th sem
35	Switchgear & Protection	4	0	2	1	1	4	0	2	6	7th sem
36	AC Machine Design	3	0	2	1	1	3	0	2	5	7th sem
37	Advanced Microcontrollers	3	0	2	1	1	3	0	2	5	7th sem
38	Power System Dynamics and Control	3	0	2	1	1	3	0	2	5	7th sem
39	Advanced Electric Drives	3	0	2	1	1	3	0	2	5	7th sem
40	High Voltage Engineering	3	0	2	1	1	3	0	2	5	7th sem
41	Advanced Power electronics	3	0	2	1	1	3	0	2	5	7th sem
42	Digital signal Processors	3	0	0	1	1	3	0	0	3	7th sem
43	Power system operation & Control	3	0	0	1	1	3	0	0	3	7th sem
44	Industrial Electrical Systems	3	0	0	1	1	3	0	0	3	7th sem
45	Power Quality And FACTS	3	0	0	1	1	3	0	0	3	7th sem
46	Smart Grids	3	0	0	1	1	3	0	0	3	7th sem
47	Electrical And Hybrid Vehicle	3	0	0	1	1	3	0	0	3	7th sem
48	Internhip/Project	0	0	24	1	1	0	0	24	24	8th sem
							12	4	80	213	

							9			

	Electronics & Communication Engineering									
1	Effective Technical Communication	2	0	2	1	1	2	0	2	4	3rd sem
2	Probability & Statistics	3	2	0	1	1	3	2	0	5	3rd sem
3	Indian Constitution	2	0	0	1	1	2	0	0	2	3rd sem
4	Design Engineering-IA	0	0	2	1	1	0	0	2	2	3rd sem
5	Control Systems	3	0	2	1	1	3	0	2	5	3rd sem
6	Digital System Design	4	0	2	1	1	4	0	2	6	3rd sem
7	NetworkTheory	4	0	2	1	1	4	0	2	6	3rd sem
8	Design Engineering 1 B	0	0	2	1	1	0	0	2	2	4th sem
9	Analog Circuit Design	4	0	2	1	1	4	0	2	6	4th sem
10	Signal & Systems	3	0	2	1	1	3	0	2	5	4th sem
11	Professional Ethics	3	0	0	1	1	3	0	0	3	4th sem
12	Microprocessor & Microcontroller	4	0	2	1	1	4	0	2	6	4th sem
13	Electromagnetic Theory	4	0	0	1	1	4	0	0	4	4th sem
14	Electronic Measurement laboratory	0	0	2	1	1	0	0	2	2	4th sem
15	Design Engineering-IIA	0	0	2	1	1	0	0	2	2	5th sem
16	Contributor Personality Development Program	2	0	0	1	1	2	0	0	2	5th sem
17	Principles of Management	3	0	0	1	1	3	0	0	3	5th sem
18	Analog & Digital Communication	4	0	2	1	1	4	0	2	6	5th sem
19	VLSI Design	4	0	2	1	1	4	0	2	6	5th sem
20	Power Electronics	3	0	2	1	1	3	0	2	5	5th sem
21	Industrial Automation	2	0	2	1	1	2	0	2	4	5th sem
22	Design Engineering II B	0	0	2	1	1	0	0	2	2	6th sem
23	Integrated Personality Development Course	2	0	0	1	1	2	0	0	2	6th sem
24	Antennas & Propagation	4	0	2	1	1	4	0	2	6	6th sem
25	Fiber Optic Communication	3	0	2	1	1	3	0	2	5	6th sem
26	Computer Networks	3	0	2	1	1	3	0	2	5	6th

											sem
27	Satellite Communication	3	0	2	1	1	3	0	2	5	6th sem
28	Systems Engineering	2	0	2	1	1	2	0	2	4	6th sem
29	Summer Internship	0	0	0	1	1	0	0	0	0	7th sem
30	Microwave Theory & Techniques	3	0	2	1	1	3	0	2	5	7th sem
31	Digital Signal Processing	3	0	2	1	1	3	0	2	5	7th sem
32	Wireless Communication	3	0	2	1	1	3	0	2	5	7th sem
33	Wirerless Sensor Networks	2	0	2	1	1	2	0	2	4	7th sem
34	Radar & Navigational Aids	3	0	2	1	1	3	0	2	5	7th sem
35	Introduction Of Artificial Intelligence	2	0	2	1	1	2	0	2	4	7th sem
36	Internship/Project	0	0	24	1	1	0	0	24	24	8th sem
							80	0	76	156	

General Department

1	Basic Electrical Engineering	3	0	2	1	1	3	0	2	5	1/2 sem
2	Mathematics-I	3	2	0	1	1	3	2	0	5	1/2 sem
3	Mathematics-II	3	2	0	1	1	3	2	0	5	1/2 sem
4	Physics	3	2	0	1	1	3	2	0	5	1/2 sem
5	Chemistry	3	2	0	1	1	3	2	0	5	1/2 sem
6	English	2	0	2	1	1	2	0	2	4	1/2 sem
7	Basic Electronics	3	0	2	1	1	3	0	2	5	1/2 sem
8	Induction program	0	0	0	1	1	0	0	0	0	1/2 sem
							20	8	6	34	

NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY, JETALPUR.													
YEAR 2021-22													
DEPARTMENT OF CIVIL ENGINEERING													
EVEN SEMESTER WORKLOAD Sem - 2nd,4th,6th,8th													
Sr. N O	Subject	Sub. Cod e	work load			N o of cl as s	N O of Ba tc h	Total Workload			T ot al	Remak		
			Th eor y	Tut ori al	Pra ctic al			The ory	Tuto rial	Pra ctic al				
2 ND SEM													
1	Basic Civil Engineering	311 000 4	3	0	2	1	1	3	0	2	5	CIVIL,M ECH,AU TO		
								3	0	2	5			
4TH SEM													
1	Design Engineering 1 B	314 000 5	0	0	2	1	1	0	0	2	2			
2	Surveying	314 060 1	4	0	2	1	1	4	0	2	6			
3	Structural Analysis-I	314 060 3	4	0	2	1	1	4	0	2	6			
4	Civil Engineering - Societal & Global Impac	314 060 9	2	0	0	1	1	2	0	0	2	4 TH SEM		
5	Complex Variables and Partial Differential Equations	314 061 0	3	2	0	1	1	3	2	0	5			
6	Fluid Mechanics & Hydraulics	314 061 1	4	0	2	1	1	4	0	2	6			
7														
TOTAL			17	2	8			1 7	2	8	2 7			
6TH SEM													
1	Design Engineering II B	316 000 1	0	0	2	1	1	0	0	2	2	6 TH SEM		
2	Integrated Personality Development Course	316 000 3	2	0	0	1	0	2	0	0	2			
3	Water Resources Engineering and Hydrology	316 061 0	4	0	2	1	1	4	0	2	6			

Sr. No	Subject	Sub. Code	Theory	Tutorial	Practical	N of class	N of Batch	Theory	Tutorial	Practical	Total	Remark
4	Environmental Engineering	316 0611	3	0	2	1	1	3	0	2	5	
5	Urban Transportation Planning	316 0608	3	0	2	1	1	3	0	2	5	
6	Traffic Engineering and Management	316 0615	3	0	2	1	1	3	0	2	5	
7	Soft Computing Techniques	316 0619	2	0	2	1	1	2	0	2	4	
								17	0	12	29	
8 TH SEM												
1	Internship/Project	318 0601	0	0	24	1	1	0	0	24	24	8 TH SEM
								0	0	24	24	
										TOTAL	85	

NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY, JETALPUR.												
YEAR 2021-22												
DEPARTMENT OF CIVIL ENGINEERING												
ODD SEMESTER WORKLOAD Sem - 1st,3rd,5th,7th												
Sr. NO	Subject	Sub. Code	work load			N o of class	N O of Batch	Total Workload			Total	Remark
			Theory	Tutorial	Practical			Theory	Tutorial	Practical		
1 ST SEM												
1	Environmental Sciences	3110 007	2	2	0	1	2	2	4	0	6	ALL BRANCH
								2	4	0	6	
3RD SEM												
1	Effective Technical Communication	3130 004	2	0	2	1	1	2	0	2	4	
2	Indian Constitution	3130 007	2	0	0	1	0	2	0	0	2	
3	Design Engineering - I A	3130 008	0	0	2	1	1	0	0	2	2	
4	Geotechnical Engineering	3130 606	4	0	2	1	1	4	0	2	6	3 RD SEM
5	Building Construction Technology	3130 607	4	0	2	1	1	4	0	2	6	
6	Mechanics of Solids	3130 608	4	0	2	1	1	4	0	2	6	
7	Building and Town Planning	3030 609	2	0	4	1	1	2	0	4	6	
TOTAL			18	0	14			18	0	14	32	
5TH SEM												
1	Design Engineering - II	3150	0	0	2	1	1	0	0	2	2	5TH

Sr	Subject	Code										
	A	001										SEM
2	Integrated Personality Development Cours	3150005	2	0	0	1	0	2	0	0	2	
3	Concrete Technology	3150610	3	0	2	1	1	3	0	2	5	
4	Transportation Engineering	3150611	3	0	2	1	1	3	0	2	5	
5	Design of Structures	3150612	4	0	2	1	1	4	0	2	6	
6	Pavement Design and Highway construction	3150613	3	0	2	1	1	3	0	2	5	
7	Remote Sensing and GIS	3150617	2	0	2	1	1	2	0	2	4	
			17	0	12			17	0	12	29	
7 TH SEM												
1	Summer Internship	3170001	0	0	2	1	1	0	0	2	2	
2	Construction Engineering and Management	3170614	3	0	0	1	1	3	0	0	3	
3	Engineering Economics, Estimation and Costing	3170615	3	0	2	1	1	3	0	2	5	7 TH SEM
4	Retrofitting of structures	3170616	3	0	2	1	1	3	0	2	5	
5	Design of hydraulic structures	3170621	3	0	2	1	1	3	0	2	5	
6	Design of Prestressed Concrete structures	3170624	3	0	2	1	1	3	0	2	5	
7	Infrastructure for smart Cities	3170628	3	0	0	1	1	3	0	0	3	
								18	0	10	28	
								TOTAL			95	

Sr. No	Subject	Work Load			No. of Class	No of Batch	Total Work Load			Total	Remark
		Theory	Tutorial	Practice			Theory	Tutorial	Practice		
	NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY, JETALPUR.										
	YEAR 2021-22										
	DEPARTMENT OF AUTOMOBILE AND MECHANICAL ENGINEERING										
	AUTOMOBILE ENGINEERING										
1	Effective Technical Communication	2	0	2	1	1	2	0	2	4	3rd sem
2	Complex Variables and Partial Differential Equations	3	2	0	1	1	3	2	0	5	3rd sem
3	Indian Constitution	2	0	0	1	1	2	0	0	2	3rd sem
4	Design Engineering - I A	0	0	2	1	1	0	0	2	2	3rd sem
5	Material Science and Metallurgy	3	0	2	1	1	3	0	2	5	3rd sem
6	Engineering Thermodynamics	4	0	2	1	1	4	0	2	6	3rd sem
7	Kinematics and Theory of Machines	4	0	2	1	1	4	0	2	6	3rd sem
8	Design Engineering 1 B	0	0	2	1	1	0	0	2	2	4th sem
9	Basics of Automobile Systems	4	0	2	1	1	4	0	2	6	4th sem
10	Automotive Manufacturing Processes and Technology	3	0	2	1	1	3	0	2	5	4th sem
11	Fluid Mechanics and Hydraulics Machines	4	0	2	1	1	4	0	2	6	4th sem
12	Fundamentals of Machine Design	4	0	2	1	1	4	0	2	6	4th sem
13	Organisational Behaviour	3	0	0	1	1	3	0	0	3	4th sem
14	Design Engineering - II A	0	0	2	1	1	0	0	2	2	5th sem
15	Contributor Personality Development Program	2	0	0	1	1	2	0	0	2	5th sem
16	Transport	3	0	0	1	1	3	0	0	3	5th sem

No	Subject										Sem
	Management and Laws										
17	Automobile Engines	3	0	2	1	1	3	0	2	5	5th sem
18	Heat Transfer	4	0	2	1	1	4	0	2	6	5th sem
19	Dynamics of Machinery	4	0	2	1	1	4	0	2	6	5th sem
20	Oil Hydraulics And Pneumatics	3	0	0	1	1	3	0	0	3	5th sem
21	Design Engineering II B	0	0	2	1	1	0	0	2	2	6th sem
22	Integrated Personality Development Course	2	0	0	1	1	2	0	0	2	6th sem
23	Automotive Electricals and Electronics	4	0	2	1	1	4	0	2	6	6th sem
24	Two and Three Vehicle Technology	3	0	2	1	1	3	0	2	5	6th sem
25	Renewable Energy Engineering	3	0	2	1	1	3	0	2	5	6th sem
26	Computer Aided Design	3	0	2	1	1	3	0	2	5	6th sem
27	Entrepreneurship and E-business	3	0	0	1	1	3	0	0	3	6th sem
28	Summer Internship	0	0	0	1	1	0	0	0	0	7th sem
29	Automotive Component and system Design	3	0	2	1	1	3	0	2	5	7th sem
30	Vehicle Dynamics	3	0	2	1	1	3	0	2	5	7th sem
31	Measurement, Instrumentation and Control in Automobile	3	0	0	1	1	3	0	0	3	7th sem
32	Automotive Pollution and Control	3	0	2	1	1	3	0	2	5	7th sem
33	Refrigeration and Air conditioning	3	0	2	1	1	3	0	2	5	7th sem
34	Nanotechnology and surface Engineering	3	0	0	1	1	3	0	0	3	7th sem
35	Internship/Project	0	0	24	1	1	0	0	24	24	8th sem
							91	2	70	163	

MECHANICAL ENGINEERING

No	Subject										Sem
1	Engineering Graphics & Design	2	0	4			0	0	0	0	1st sem
2	Basic Mechanical Engineering	3	0	2			0	0	0	0	2nd sem
3	Workshop/ Manufacturing Practices	0	0	4			0	0	0	0	2nd sem

No.	Subject										Semester
4	Effective Technical Communication	2	0	2	1	1	2	0	2	4	3rd sem
5	Complex Variables and Partial Differential Equations	3	2	0	1	1	3	2	0	5	3rd sem
6	Indian Constitution	2	0	0	1	1	2	0	0	2	3rd sem
7	Design Engineering - I A	0	0	2	1	1	0	0	2	2	3rd sem
8	Material Science and Metallurgy	3	0	2	1	1	3	0	2	5	3rd sem
9	Engineering Thermodynamics	4	0	2	1	1	4	0	2	6	3rd sem
10	Kinematics and Theory of Machines	4	0	2	1	1	4	0	2	6	3rd sem
11	Design Engineering 1 B	0	0	2	1	1	0	0	2	2	4th sem
12	Mechanical Measurement and Metrology	4	0	2	1	1	4	0	2	6	4th sem
13	Fluid Mechanics and Hydraulics Machines	4	0	2	1	1	4	0	2	6	4th sem
14	Fundamentals of Machine Design	4	0	2	1	1	4	0	2	6	4th sem
15	Manufacturing Processes	3	0	2	1	1	3	0	2	5	4th sem
16	Organisational Behaviour	3	0	0	1	1	3	0	0	3	4th sem
17	Design Engineering - II A	0	0	2	1	1	0	0	2	2	5th sem
18	Contributor Personality Development Program	2	0	0	1	1	2	0	0	2	5th sem
19	Heat Transfer	4	0	2	1	1	4	0	2	6	5th sem
20	Operation Research	3	0	0	1	1	3	0	0	3	5th sem
21	Dynamics of Machinery	4	0	2	1	1	4	0	2	6	5th sem
22	Manufacturing Technology	3	0	2	1	1	3	0	2	5	5th sem
23	Oil Hydraulics And Pneumatics	3	0	0	1	1	3	0	0	3	5th sem
24	Design Engineering II B	0	0	2	1	1	0	0	2	2	6th sem
25	Integrated Personality Development Course	2	0	0	1	1	2	0	0	2	6th sem
26	Computer Aided Design	3	0	2	1	1	3	0	2	5	6th sem
27	Applied Thermodynamics	4	0	2	1	1	4	0	2	6	6th sem
28	Renewable Energy Engineering	3	0	2	1	1	3	0	2	5	6th sem
29	Advanced	3	0	2	1	1	3	0	2	5	6th sem

No	Subject										Semester
	Manufacturing Processes										
30	Entrepreneurship and E-business	3	0	0	1	1	3	0	0	3	6th sem
31	Summer Internship	0	0	0	1	1	0	0	0	0	7th sem
32	Power plant Engineering	3	0	0	1	1	3	0	0	3	7th sem
33	Refrigeration and Air conditioning	3	0	2	1	1	3	0	2	5	7th sem
34	Internal Combustion Engine	3	0	2	1	1	3	0	2	5	7th sem
35	Quality and Reliability Engineering	3	0	2	1	1	3	0	2	5	7th sem
36	Nanotechnology and surface Engineering	3	0	0	1	1	3	0	0	3	7th sem
37	Design of Machine elements	3	0	2	1	1	3	0	2	5	7th sem
38	Internship/Project	0	0	24	1	1	0	0	24	24	8th sem
							91	2	70	163	

17. **Subject wise Faculty employed during the current year:**

Sr. No	Faculty Name	Designation	Qualification	Experience Teaching & Industry	Date of Joining
1	DR. KIRITKUMAR RAMANBHAI BHATT	Principal	PHD	22 Years	06-01-2021
			Mechanical Engg		
2	VYAS PRATIK RAJESHKUMAR	Assistant Professor	ME	4 Years and 9 Months	07-01-13
3	PABANI BHAUTIK RAMNIKBHAI	Assistant Professor	ME	4 Years and 3 Months	08-01-12
4	Bhanushali Shailesh Parshotam	Assistant Professor	ME	6 Years and 5 Months	7/28/2014
5	VATALIYA PRATIK ARVINDBHAI	HOD	ME	7 Years and 9 Months	8/26/2013
6	PATEL MITESHKUMAR DILIPBHAI	Assistant Professor	ME	5 Years and 1 Months	7/13/2015
7	KADIYA NAIMESH RAMANLAL	Assistant Professor	ME	2 Years and 5 Months	07-10-15
8	JOSHI MIHIR BHUPENDRABHAI	Assistant Professor	ME	4 Years and 1 Months	2/15/2016
9	MODI JAYDIP ALKESHBHAI	Assistant Professor	ME	1 Years and 7 Months	6/20/2016
10	Parmar Virendra Karshanbhai	Assistant Professor	ME	6 Years and 3 Months	08-08-12
11	Patel Dhruv Harshadbhai	Lecturer	BE	2 Years and 0 Months	7/28/2014
12	Dobariya Umang Jayeshbhai	Assistant Professor	ME	3 Years and 9 Months	08-12-14
			Automobile Engg.		
13	DESAI BIRENKUMAR BHARATBHAI	Assistant Professor	ME	9 Years and 1 Months	02-01-11
14	BRAHMBHATT JAIMIN PRAVINCHANDRA	HOD	ME	9 Years and 0 Months	11-04-11
15	PATEL NIKHIL MADHAVAJIBHAI	Assistant Professor	ME	6 Years and 7 Months	08-01-13
16	GOHIL HARSHIL RAJESHBHAI	Lecturer	BE	3 Years and 6 Months	7/28/2014
17	GOHEL ANKIT RAMESHCHANDRA	Assistant Professor	ME	5 Years and 1 Months	1/27/2015
18	DESAI ZANKRUT RAJESHKUMAR	Lecturer	BE	1 Years and 4 Months	08-08-14
19	KASSA SAMIR GANESHBHAI	Lecturer	BE	2 Years and 12 Months	2/18/2015
			Computer Engg.		
20	CHAUHAN ANAND DHIRAJLAL	HOD	ME	9 Years and 1 Months	08-03-12
21	VAGHELA RAJVIRSINH	Assistant Professor	ME	11 Years and 1 Months	12-02-11

	NATVARSINH				
22	pancholi krunal anant kumar	Lecturer	BE	3 Years and 5 Months	2/19/2016
23	PATEL HARDIK RAJNIKNAT	Assistant Professor	ME	0 Years and 2 Months	07-01-16
24	MODI RUCHI NITINBHAI	Assistant Professor	ME	1 Years and 0 Months	12-07-16
25	KANANI VIRAL PRAVINCHANDRA	Lecturer	BE	3 Years and 0 Months	9/21/2021
26	PATEL HIMANI SACHIN	Assistant Professor	ME	2 Years and 0 Months	10-04-21
27	KACHHIA PRAPTIBEN VIJAYBHAI	Assistant Professor	ME	3 Years and 9 Months	10/18/2021
28	PATEL MOUSMIBEN PARTH	Lecturer	BE	3 Years and 0 Months	1/31/2022
29	PATEL AMI MAULIK	Assistant Professor	ME	0.6 Years and 0 Months	08-03-12
Electrical Engg.					
30	MISTRY BRIJESH MAHESHBHAI	HOD	ME	9 Years and 0 Months	11-01-11
31	HADIYAL ASMITA BHANJIBHAI	Assistant Professor	ME	9 Years and 0 Months	7/23/2012
32	Patel Hirenkumar Ghanshyambhai	Assistant Professor	ME	8 Years and 6 Months	07-11-11
33	PATEL KHUSHAL SURESHBHAI	Lecturer	BE	1 Years and 0 Months	07-01-19
34	GOUNDER GANESH KANDASWAMY	Lecturer	BE	0 Years and 6 Months	07-01-19
35	PATHAN FARHAZKHAN IQBALKHAN	Lecturer	BE	0 Years and 6 Months	07-01-19
Civil Engg.					
36	GAMI SAMIR MEHULBHAI	Assistant Professor	ME	7 Years and 6 Months	12-01-12
37	CHOKSHI TUSHAR VINODCHANDRA	Lecturer	BE	15 Years and 8 Months	03-12-13
38	MODI NIMISHA PRAKSHAL	HOD	ME	14 Years and 6 Months	8/14/2013
39	SHAH KESHA PRATIKKUMAR	Lecturer	BE	6 Years and 3 Months	8/19/2013
40	PRAJAPATI SANJAYKUMAR RAMESHBHAI	Assistant Professor	ME	5 Years and 6 Months	07-06-15
41	PATEL JECKY RAMCHANDRA	Assistant Professor	ME	4 Years and 6 Months	7/27/2015
42	KHUNT SIDDHARTH RAGHAVBHAI	Lecturer	BE	2 Years and 0 Months	12-01-16
43	KHUNT KOMAL SIDDHARTH	Lecturer	BE	1 Years and 6 Months	07-01-19
44	MEGHANI KISHANKUMAR JAYANTIBHAI	Lecturer	BE	1 Years and 6 Months	08-03-18
E. & C. Engg.					
45	KAPADIYA KINJAL ASHISHBHAI	Assistant Professor	ME	10 Years and 0 Months	03-02-10

46	CHAUHAN MALHAR KANUBHAI	HOD	ME	9 Years and 5 Months	11-01-09
47	BELDAR SHAILESHKUMAR VIRSANGBHAI	Assistant Professor	ME	2 Years and 7 Months	7/20/2012
48	PATEL HARSHKUMAR HARAJIVANBHAI	Lecturer	BE	4 Years and 0 Months	07-04-12
49	PATEL KETAN SHIVRAMBHAI	Lecturer	BE	8 Years and 2 Months	06-01-13
50	KOTHARI GARIMA RAJENDRA	Assistant Professor	ME	11 Years and 5 Months	8/13/2014
51	PATEL RIDDHI VIKRAMBHAI	Assistant Professor	ME	1 Years and 0 Months	7/16/2019
	HUMANITIES DEPARTMENT				
52	PATEL KINJAL CHANDRAKANTBHAI	Assistant Professor	MSC	2 Years and 7 Months	08-01-11
53	SHUKLA TORAL VIJAY	Assistant Professor	MA	0 Years and 3 Months	01-02-16
54	THAKKAR NOOPUR DHAVAL	Assistant Professor	MA	4 Years and 0 Months	01-01-15
55	Modi Foram Manojkumar	Lecturer	BSC	5 Years and 0 Months	08-02-19
56	Sharma Mohini Ramnivas	Assistant Professor	MSC	4 Years and 0 Months	8/14/2017
57	Bhatt Nishtha Nirav	Assistant Professor	MSC	5 Years and 0 Months	02-09-21

Non-Teaching Supporting Staff (Technical) :

Name	Designation	Date of Joining	Regular/ Adhoc/Contract
Patel Sohil Prafulbhai	Lab Assi	21-01-2011	Regular
Prajapati Kamleshbhai Ambalal	Turner	01/10/2016	Regular
Chauhan Anil Kalidas	Lab Assi	01-2-2011	Regular
Pritesh Mahenrabhai Patel	Lab Assi	01/01/2014	Regular
Jayesh Kantibhai Prajapati	Lab Assi	01/04/2017	Regular
Patel Bharatbhai Chimanbhai	Electrician	03-07-2008	Regular

Non-Teaching Supporting Staff (Non-Technical):

Name	Designation	Date of Joining	Regular/ Adhoc/Co ntract
Khunt Raghavbhai Gobarbhai	Store Officer	01-07-2008	Regular
Patel Dineshbhai Ramanbhai	Office Suprident	01-07-2008	Regular
Patel Atulbhai Kanubhai	Cashier	07-10-2008	Regular
Thakkar Shefali Hasmukhbhai	Principal P.A	15/12/2014	Regular
Shankhalapatel Jayeshkumar P.	Jr.Clerk	14/06/2011	Regular
Mehta Vinod Kantilal	Driver	01-06-2009	Regular
Melaji Suraji Chauhan	Peon	01-07-2008	Regular
Rathod Mahendra Himmatsing	Peon	22-07-2010	Regular
Rathod Ranjitsinh Baldevbhai	Peon	22-07-2010	Regular
Valuji Savaji Gameti	Peon	01-08-2010	Regular
Panchal Hasmukh Dayashankar	Peon	01-01-2011	Regular
Parmar Ishwar Vajesing	Peon	01-08-2011	Regular
Rabari Rajubhai Lilabhai	Peon	02-07-2012	Regular
Tadvi Hitesh Jayantibhai	Peon	08/02/2012	Regular
Parmar Rajesh Vajesing	Peon	05/04/2013	Regular
Sisodiya Ghansyamsinh Ranchodbhai	Security	01/10/2014	Regular
Dabhi Dayabhai Andarsinh	Security	01/08/2015	Regular
Rabari Kanubhai Harjibhai	Security	01/08/2015	Regular
Suthar Gautambhai Gopalbhai	Security	01/08/2015	Regular
Gauswami Udayraj Pratapbhai	Security	01/08/2015	Regular
Mali Satyadevsinh Gangagiri	Mali	01-07-2008	Regular
Brijesh Satyadev Goswami	Mali	01-04-2009	Regular
Pravin Raghubhai Bharvad	Hamal	01-08-2010	Regular
Gameti Tulsi Valuji	Sweeper	01-07-2008	Regular
Daxaben Jethabhai Makwana	Sweeper	01-03-2009	Regular
Chauhan Joravar Mobatsinh	Library Assistant	19-07-2008	Regular
Chauhan Siddharajsinh Prabhatsinh	Jr.Clerk	01-06-2009	Regular
Gohil Dharmendrasinh Mahipatsing	Jr.Clerk	01/03/2017	Regular
Gameti Mithalal Valuram	Store Keeper	01/03/2017	Regular
Bharvad Anantkumar	Sport Keeper	11/07/2017	Regular

18. Profile of Director/Principal with qualifications, total Experience, Age and Duration of Employment at the Institute concerned.

1.   Name : Dr. Kiritkumar R. Bhatt
2.   Date of Birth : 27/10/1972
3.   Educational Qualification: BE, ME, PhD.
4.   WORK EXPERIENCE:
     1.   Under Graduate Level   -   25 Years
     2.   Post Graduate Level   -   15 Years
5.   Area of Specialization: Embedded   System,   VLSI   Design,   Digital
     Design, Microprocessor & Microcontrollers, Low Power Designs.
6.   Research Guidance: -   06
7.   Projects carried out: -   03
8.   Patents: -   00
9.   Research Publications: -   60+
10. No. of Books published: -   01
11. No. Conference attended: -   20
12. Awards & Achievements: -   12

Membership of Reputed National / International/ Institute.
   1. ISTE (LM)
   2. IETE (LM)
   3. IE (LM)
   4. SPE (LM)

Paper Presentation in National/International Seminars & Conferences

Technical Papers Presented/Published at National/International Conferences/Journals: 50 Publications in Referred/Indexed/UGC Approved good quality journals:

1. Kiritkumar Bhatt, Prof. A I Trivedi, "Power Estimation and Optimization Methodology in Embedded Processors and Its Implementation", International Journal of Innovative Systems Design and Engineering in Jan'2013. ISSN :Print: 2222-1727, Online: 2222-2871.
2. Kiritkumar Bhatt, Prof. A I Trivedi, "Implementation of Resource Sharing Strategy for Power Optimization in Embedded Processors", International Journal of Computer Engineering and Intelligent Systems, Vol.3, No. 8, pp. 35 – 45, 2012. Print: ISSN 2222- 1719, Online: 2222-2863 www.serialjournals.com .

3. Kiritkumar, Saurabh M Patel, Bhatt, Prof. A I Trivedi, " Power Optimized Embedded Processor Design with Parallel Pipelining" International Journal of Programmable Circuits and Systems Vol. 3, No. 1, pp 6 – 9, Jan- 2012. **Print: ISSN 0974 – 973X & Online: ISSN 0974 – 9624;** http://www.ciitresearch.org/pdcsjanuary2012.html

4. S K Hadia, R A Thakkar, Kirit Bhatt, "Implementation and comparative analysis of the optimizations produced by evolutionary algorithms for the parameter extraction of PSP MOSFET model" International Journal of Electronics (Taylor & Francis); pp 794 -806; August' 14.Vol. 103, 2016, issue 5 Impact Factor 0.76.

5. S K Hadia, Kirit Bhatt, "Design of CMOS Buffer Chain Circuit by using Artificial Bee Colony Algorithm", European Journal of Scientific Research ISSN 1450-216X / 1450-202X Vol. 133 No 2 June, 2015, pp.234-239 Impact Factor : 0.713

6. AshishPasaya, Kiritkumar Bhatt, "Implementing of FPGA Using an Innovative Algorithm with the help of NIOS – II", International Journals of Computational Engineering Research (IJCER). Vol. 2, No. 3, pp.771 – 775, May – June'2012. ISSN No. 2250 – 3005. http://www.ijceronline.com

7. AshishPasaya, Kiritkumar Bhatt, " A Survey on Implementation of VGA on FPGA", The Indian Journal of Technical Education (ISTE), April – 2012, pp.257 – 262, organized by Gujarat Technological University, Ahmedabad. ISSN: 0971 – 3034

8. ApurvaRana, Dr. Kiritkumar Bhatt, " Complementary Metal Oxide Semiconductor (CMOS) Static Random Access Memory (SRAM) Cells and Basics of Metal Oxide Semiconductor Current Mode Logic (MCML) Technology" International Journal of Software and Hardware Research In Engineering, pp. 087 – 092, volume 2 Issue 2, Feb'14. ISSN NO :2347-489.

9. JatinkumarChaudhari, Dr. Kiritkumar Bhatt, " FPGA Implementation of Image Steganography: A Retrospective", International Journal of Engineering Development and Research, pp. 36-40, Volume 2, Issue 2,May'2014. ISSN: 2321-9939.

10. Jinal Dhobi, Dr. Y B Shukla, Dr. Kiritkumar Bhatt, "FPGA Implementation of FIR filter Using various Algorithms : A retrospective", International Journal of Research in Computer Science, pp.19-24, Volume 4 Issue 2,2014. ISSN : 2249-8265.

11. SuketaMistry, Dr. Kiritkumar Bhatt " A Fall Detection Based on NODMCU and a Literature Review", International Journal of Advanced Research in Engineering Science and Technology (IJAREST), Volume 4, Issue 3, March-2017, pp. 317 - 321 e-ISSN: 2393-9877, p-ISSN: 2394-2444 (Impact Factor :4.542)

12. BansriOza, Dr. Kiritkumar Bhatt "A Novel Approach For Data Transmission By Using Wireless Memory Storage Along With BioMatric Scan" International Journal of Advanced Research in Engineering Science and Technology (IJAREST), Volume 4, Issue 3, March-2017, pp. 557 - 562 e-ISSN: 2393-9877, p-ISSN: 2394-2444 (Impact Factor :4.542)

13. Monali Patel, Dr. Kiritkumar Bhatt, SanketPancholi, "Monitoring and Controlling Yarn Clearer Data with PC and Android Phone Using TMS320F2812" International Journal of Advanced Research in Engineering Science and Technology (IJAREST), Volume 4, Issue 4, April-2017, pp. 6 - 11 e-ISSN: 2393-9877, p-ISSN: 2394-2444 (Impact Factor :4.542)

14. Pinal Panchal, Dr. Kiritkumar Bhatt, "Text Extraction from Captured Image with Voice Announcement System for Visually Impaired Using Android", International Journal for Scientific Research & Development; Volume 4, Issue 1, March -2016, pp. 1541-1543; ISSN : 2321 0613 (IF: 2.39).

15. TruptiTakorkar, Dr. Kiritkumar Bhatt, "Artificial Neural Network Approach for Image Compression: A Survey "International Journal for Scientific Research & Development; Volume 3, Issue 2, March -2015, pp. 2193 -2197; ISSN : 2321 0613 (IF: 2.39).

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Springer Volume 508, pp. 95 – 98; ISBN 978-981-10-2749-9ISBN 978-981-10-2750-5 (eBook) February 19-20, 2016 at Ahmedabad Management Association (AMA), Ahmedabad, India and organized by Computer Society of India (CSI), Ahmedabad Chapter.

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1. Kiritkumar Bhatt, Prof. A I Trivedi, "A Study of Various General Techniques for Reducing the Dynamic Power Consumption of Integrated Circuits", State Level Paper Contest on "Networking: Technology and Applications", IETE Centre, Baroda April'2008.

2. Kiritkumar Bhatt, Prof. A I Trivedi, "Low Power System Design Using Advanced Micro-controller Bus Architecture for Battery – Operated Systems – A Case Study", State Level Paper Contest on "Networking: Technology and Applications", IETE Centre, Baroda, April'2008.

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4. AshwinBaraiya, Kirit Bhatt, BeenaJambucha, "CDMA Traffic Channel with Implementation in MATLAB", A State Level Paper Contest on IT Security with 4G Communication (ITS4GS – 2012) on 22nd April' 2012 by IETE Centre – Baroda.

5. Priyakulkarni, Kiritkumar Bhatt, RachanaJani, "Dynamic Power Optimization Technique: A Case Study", National Paper Contest on Advanced Embedded Networking, Processing and Communication-AENPC – 2009, IETE Center - Baroda Jan'2009.

6. VivekParmar, Prof. Kiritkumar Bhatt, Prof. S R Panchal, " Survey of Design Methodologies for Economical ans Reliable Video Processing", proceeding of State level Technical Paper Contest on Soft Computing for Processing, Security, Networking & Communication – 2013 (SCPNSC – 2013)pp. 46 – 49 organized by IETE Centre, Vaadodara at Electrical Engineering Department, Faculty of Tech &Engg., M S University on 20th January – 2013.

7. NishaSolanki, Kiritkumar Bhatt, "Distributed Arithmetic Finit Impulse Response Filter Design with Field Programmable Array", State Level Program on IT Security with 4G

Communication(ITS4GC_2012) organized by IETE – Vadodara Centre and IE(I) Vadodara Centre during 22nd April – 2012.

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19. <u>Admission Procedure:</u>

ACPC Quota: To the extent of 75% allotted by Joint Admission committee for professional courses for year 2008-2009
Management Quota: To the extent of 25%, Conducted by College itself for year 2008-2009
ACPC Quota: To the extent of 90% allotted by Joint Admission committee for professional courses for year 2009-10.
Management Quota: To the extent of 10%, Conducted by College itself for year 2009-10.

20. <u>Calendar for admission against management/NRI / vacant seats:</u>

Admission scheduled is given by central admission committee for professional courses Gujarat State and it is followed strictly. The candidates admitted under management quota are to be approved by ACPC.

Last date for request for applications	: Finalized by ACPC
Last dates for submission of application	: Finalized by ACPC
Dates for announcing final results	: Finalized by ACPC
Release of admission list	: Finalized by ACPC
Date for acceptance by the candidate	: Finalized by ACPC
Last date for closing of admission	: Declared by the University
Starting of the Academic Session	: Declared by the University

The policy of refund of the fee, in case of withdrawal, is clearly notified in Admission rules.

- Describe each criteria with its respective weightages i.e. Admission Test, Marks in qualifying examination etc.

Admission procedure is carried out by The Admission Committee for Professional Courses (ACPC) – State Government of Gujarat.
Marks for Qualifying exam and cut off marks are decided by the state Government on merit basis for this year 40% for SC/ST/SEBC candidates and 45% for open Category students in HSC (MCP).   Students who have passed 10+2 examination

- Application Form

On line Admission procedure followed by ACPC.
- List of Applicants: List is declared by ACPC on web portal.
- Results of Admission under Management Seats/NRI/Vacant Seats.

Composition of selection team for admission under management quota with the brief profiles of members (this information be made available in the public domain after the admission process is over)

1	Shashtri Purushottamprakash Dasji	Managing trustee
2	Mr.Janakbhai Patel	Core Person-Advisor
3.	Mr.Dineshbhai R.Patel	Office Suprident

Admission in NRI quota was carried out by management of the institute.

Admission of NRI Quota was as per the rules and regulations of ACPC government of Gujarat. The result of the admission procedure for NRI seats carried out by the management of the institute was approved by ACPC.

21. Information on Infrastructure & Resource

The proposed building under construction adheres following dimensions.

Particulars	Number of Rooms		Carpet area of each room	
	Requirement as per Norms	Available in the building	Requirement as per Norms	Available in the building (Sq. Mt.)
Class Rooms	18	23	1188	1582.8
Tutorial Hall	5	6	135	232
Drawing Hall	1	1	132	132
Computer Centre	1	1	150	150
Library	1	1	400	416.85
Laboratories	40	55	2640	3633
Workshops	1	1	200	334

22. Availability of other facilities:

Sr. No	Description		Availability
1	All Weather Approach Road		Yes
2	Potable Water Supply System		Yes
3	Electrical Generator		Yes
4	Students Canteen		Yes
5	Students Common Room		Yes
6	Hostel:-	Boys	Yes
		Girls	No
7	Principal Quarters		Yes
8	Digital Library		Yes
9	Quarters for Faculty		No
10	Guest House		Yes
11	Parking Facilities		Yes
12	Medical Facilities (full time part time doctor)		Yes
13	Insurance facilities		Yes
14	Telephone booth		Yes
15	Gymnasium Indoor/Out door stadium		Yes
18	Bank facility		Yes
19	Transport facility for day scholars		Yes
20	Reprographic facilities in the institutions		Yes

23. Library Facilities

Total area of Library: 548 sq meters

Seating Capacity of the library: 150

 Reprographic facility (Yes/No): yes

Working hours of library: 8:00 am to 6.00pm

Library Network facility (yes/no): Yes

Usage data of the library (in terms of books issued to the faculty & Student etc
   - Student per day 100 books Issued/Average
   - Faculty per week 50 books issued /Average
    G. Annual Budget: 6 lacs

24. Details of the library Facilities:

Sr. No.	Course (S)	Number of Title	Number of Volume
1	Mechanical Egg.	500	2794
2	Automobile Egg.	294	1513
3	Computer Sci.& Egg.	258	1913
4	Electrical Egg.	389	1977
5	Electronics & Comm. Egg.	452	1862
6	Civil Egg.	350	2012
7	Mathematics	111	450
8	Management	47	289
9	General & Humanities	1989	2100
	Total	**4300**	**14910**

25. Computer Facilities for the existing Program(s)

Sr. No.	Particulars	Requirements as per Norms	Availability
1	No. of Computer Terminals	1:2 for MBA/MCA/PGDM/PGDBM 1:4 for others	460
2	Hardware Specification		Yes
3	No. of terminals of LAN/WAN	50 Percent of the numbers of terminals	ALL
4	Relevant Legal Software	At least 56 system software & 4 Application packages.	Yes
5	Peripheral (s) / Printers	Printer to Computer Terminal ratio=1:22	02. HP LaserJet 1018. 15- CANON LBP 1. Wipro Ex-330. 4. Scanner 2. HP Inkjet printer 2. High Speed RISO 1. HP COLOUR JET Xerox 1. CANON IMAGE RUNNER
6	Internet Accessibility (in Kbps & hrs)		10 MBPS ISHAAN

26. Major software packages available

Window 7
CYBEROAM/SONIC WALL
WIN SL.8.1 SNGL OLP NIACDMC LEALISATION
Quick heal Anti virus
Office 2007 (AE)
IOS 10 APPLE MINI
SOUL- (library Software)
GLOBARENA (language lab Software)
Special purpose facilities
Turbo C & Turbo C++ -
Oracal 10 g
MI Power
Ansys Soft. (Mech)
Pro-e Soft. (Mech)
Tally 9 Soft.

27. **Details of Laboratory & Workshop:**

Sr. No	Name of Laboratory/Workshop	Carpet area Available- m²
1	Work Shop	334 m²
2	Computer Lab	276 m²
3	Engineering Mechanics Lab	132 m²
4	E.M.E LAB	66 m²
5	HEAT TRANSFER LAB	66 m²
6	DYNAMICS LAB	66 m²
7	KINEMATICS LAB	66 m²
8	PRODUCTION LAB	66 m²
9	CIM LAB	66 m²
10	CADCAM LAB	66 m²
11	REFRIGERATION & AIR CONDITIONING LAB	66 m²
12	FLUID MECHANICS & FLUID POWER LAB	66 m²
13	THERMAL ENGG LAB	66 m²
14	Engineering Graphics Lab	130 m²
15	Physics Lab	66 m²
16	E.C.Lab-1	66 m²
17	ADVANCE E.C.Lab-2	66 m²
18	COMMUNICATION LAB	66 m²
19	PCB LAB	66 m²
20	SIMMULATION LAB	66 m²
21	ENVIRONMENT LAB	66 m²
22	SOIL & CONCRETE LAB	66 m²
23	SURVEYING & ADV SURVEYIBNG LAB	66 m²
24	CIVIL ENGG DESIGN LAB	66 m²
25	ELEMENTS OF Civil Eng Lab	66 m²
26	M.O.S. Lab - 1	66 m²
27	Electrical M/C. Lab	66 m²
28	Basic Elect. Engg. Lab	66 m²
29	HIGH VOLTAGE LAB	66 m²
30	SIMMULATION LAB	66 m²
31	SWITCH GEAR & PROTECTION LAB	66 m²
32	POWER ELECTRONICS	66 m²
33	MEASUREMENT LAB	66 m²
34	COMPUTER HARDWARE & MAINTENACE LAB	66 m²
35	ADVNACE PROGRAMMING LAB	66 m²
36	COMPUTER NETWORKING LAB	66 m²
37	DBMS LAB	66 m²
38	PROJECT LAB	66 m²
39	LANGUAGE Lab	66 m²
40	AUTOMOBILE ENG LAB	66 m²
41	AUTOMOBILE TESTING LAB	66 m²