

MANDATORY DISCLOSURE

MANDATORY DISCLOSURE BY SIGMA POLYTECHNIC, BAKROL, VADODARA RUNNING AICTE APPROVED ENGINEERING DIPLOMA COURSES TO BE INCLUDED IN THEIR RESPECTIVE INFORMATION BROCHURE, DISPLAYED ON THEIR WEBSITE AND TO BE SUBMITTED TO AICTE EVERY YEAR.

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

Permanent Institute Id	1-431090664
Current Application Number	1-3509472972
Application Number of 16-17	1-3323832267
AICTE File No.	2005-06/006/7759
Application Type	Extension-Expansion-Closure
Permanent Institute Id ,as entered by Existing Institute applying for New Programme	1-431090664
Do you want to change the Affiliating University	N0
Enter name of the new Affiliating University	Data Not Provided by the Institute

I. Name of the Institution

Name	SIGMA POLYTECHNIC	
Address	Permanent Location as approved by AICTE	Temporary Location (if applicable)
	Near Madhav Nagar Society	NOT APPLICABLE SINCE INSTITUTE IS ON PERMANENT LOCATION
	Ajwa Nimeta Road,,	
Village	Bakrol	
Taluka	Waghodia	
District	Vadodara	

Pin Code	390019	
State	Gujarat	
STD Code	02668-	Phone No: 267100/01 90990 63242,9909976837, 9909976795
Fax No.	02668-267100	E-Mail: principal.polytech1@parishram.ac.in , hasit.ga@sigma.ac.in
Web site	www.sigma.ac.in ,	
Nearest Rly Station	VADODARA	
Nearest Airport	VADODARA	

Land Details

Location	Rural
Northern hilly area	N
Number of pieces	NA
Max distance in farthest pieces	NA
Latitude and Longitude	Latitude – 22.324085 Longitude - 73, 278122
Total area in acres	5
Land registered with	CHARITYCOMMISSINAIRE VADODARA
Land registration date	10/6/1997
Land Use Certificate issued by	Vadodara Urban Development Authority, Vadodara
Land Use Certificate date	6/30/2010
Land ownership details	Registered Sale Deed
Mortgage details	N
Purpose of mortgage	NA

Other Land Details

Land Register No (1)	Date of Registration (2)	Area of Land (3)	Khasra Number (4)	Land Situated At(6)	Land Registered in the name Of(7)	Ownership or Govt Lease(8)	Land Use Certificate Issued(9)	LandUse Certificate Issuing Authority (10)
E/5193	5/25/2005	5	39/B/2	Bakrol, Taluka Waghodia, District Vadodara	Parishram Education and Medical Charitable	Ownership	Yes	Vadodara Urban Development Authority, Vadodara

Details about Parent Organization

Name of the Parent organization	SHREE PARISHRAM EDUCATION & MEDICAL CHARITABLE TRUST
Address	Dwarkesh Building, Opp. Rambaug Soc, Makarpura, Vadodara
Town/Village	VADODARA
State/UT	Gujarat
District	VADODARA
Pin	390001
Website	www.sigma.ac.in
Type of the organization	Trust
Registered with	VADODARA
Registration date	10/06/1997

II. Details about Contact Person

Title	Mr.
First Name	HARSH
Last Name	SHAH
Address	15, SHUHASH SOCIETY, HARNI ROAD DIST.: VADODARA
Town/Village	VADODARA
State/UT	GUJARAT
District	VADODARA
Pin	390018
Designation	MANAGING TRUSTEE
STD code	02668
Land Phone number	2668267000
Cell Number	9925039693
FAX Number	02668-267100
Email	harsh@sigma.ac.in , managingtrustee@parishram.ac.in
Alternate Cell Number	8980037187
Alternate Email Address	principal.polytech1@parishram.ac.in

III. Name OF THE AFFILIATING UNIVERSITY

From September 2008,

Name	GUJARAT TECHNOLOGICAL UNIVERSITY.		
Address	GUJARAT TECHNOLOGICAL UNIVERSITY NR.VISHWAKARMA GOVERNMENT ENGINNERING COLLEGE NR.VISAT THREE ROAD,SABARMATI-KOBA HIGHWAY CHANDKHEDA,AHMEDABAD-		
Pin Code	382 424	Period of Affiliation	2016-17
STD Code	079	Phone No.	23267521/570
Fax No.	079-23267580	E-Mail/ Web site	www.gtu.ac.in info@gtu.ac.in

And since inception of Polytechnic, with

Name	TECHNICAL EXAMINATION BOARD GUJARAT STATE		
Address	BLOCK NO.2, SECOND FLOOR, DR. J.M. BHAVAN SECTOR – 10, GANDHINAGAR		
Pin Code	382010	Period of Affiliation	2005-09
STD Code	079	Phone No.	23253546, 23253538, 23253536
Fax No.	079-232 53539	E-Mail/ Web site	dteguj@gujarat.gov.in , pa-dte@gujarat.gov.in www.dte.gswan.gov.in

❖ GOVERNANCE

- Members of the Board and their brief background

Sr.No	Members of Board	Post
01	Mr. Shaileshbhai R. Shah	Chairman
02	Mrs. Jyotsnaben S. Shah	Vice Chairperson
03	Mr.Harsh Shaileshbhai Shah	Managing Trustee
04	Mrs.Shreya H Shah	Director
05	Regional Officer AICTE Central, Regional Office, Bhopal	Ex-Officer
06	GTU Representative	Member
07	DTE or Representative	Member
08	Nominee	Industrialist/Technologist/Educationalist Nominated by AICTE
09	Nominee	Industrialist/Technologist/Educationalist Nominated by State Govt.
10	Mr.Vipul Pabari	Principal
11	Mr.D.K.Pandey	HOD-Mechanical

Name	Post	Qualification	Years of Experiences Academic	Years of Experiences Industrial
Mr. Shailesh R. Shah	Chairman	D.M.E., D.E.E.	12 Years	30 Years
Mr.Harsh.S. Shah	Managing Trustee	MBA	05 Years	---
Mrs Jyotsna S. Shah	Vice Chairman	B. Com.	12 Years	10 Years
Mr. Jigar V. Patel	Director – Finance	B.Com., PGDHRD, PH.D.	10 Years	9 Years
Mr.Vipul Pabari	Principal Sigma Polytechnic	M.E	07 Years	13 years

- Members of Academic Advisory Body

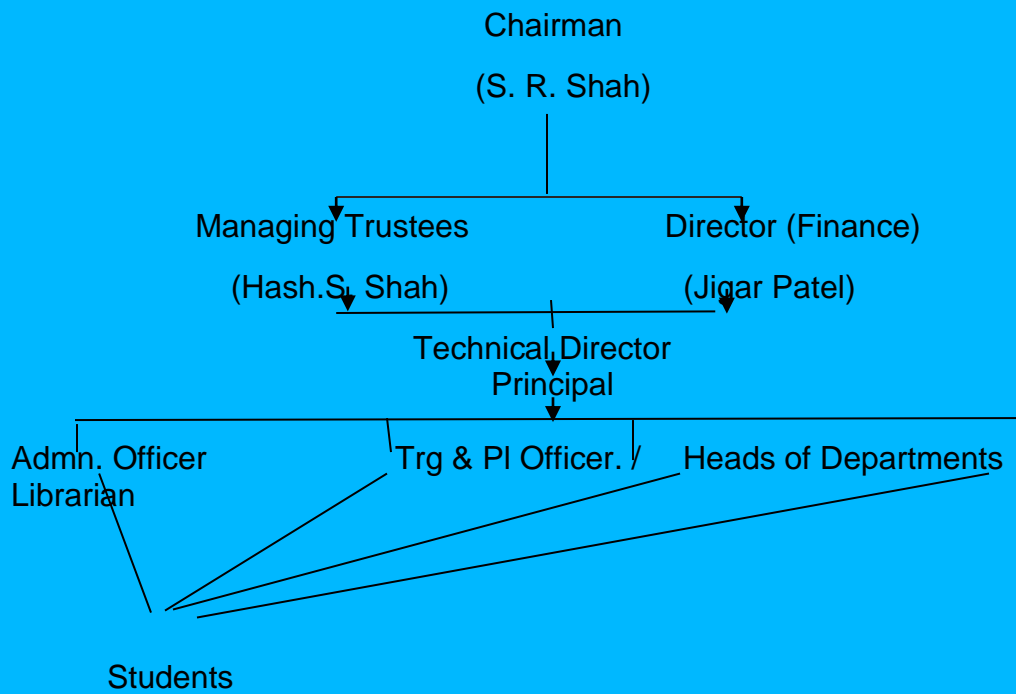
Sr.No	Members of Board	Post
01	Mr. Shailesh R. Shah	Chairman
02	Mr.Harsh S Shah	Member
03	Dr. U M Uppadhyaya	Member
04	Mr.Vijay R. Shah	Member
05	Prof. D G Dholakia	Member
06	Mr.Hasit Desai	Member
07	Mr.Vipul Pabari	Member

- Frequency of the Board Meetings and Academic Advisory Body

Every Three Months

Organizational chart and processes

Chart A :- Students Activities



Activities :

1. Framing of Timetable by Teaching Faculty.
2. Framing of Academic Calendar.
3. Industry Visits.
4. Placement Cell.
5. Membership of Professional Bodies.
6. SPORTS, Athletics, Cultural events.
7. Trekking, Adventure Programmers.
8. Seminars, Workshops, Symposia.
9. Arranging Guest Lecturers.

Chart B :- Administration

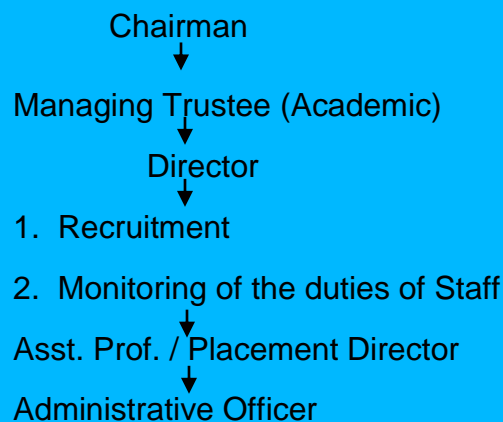


Chart C:- Civil Works and Maintenance

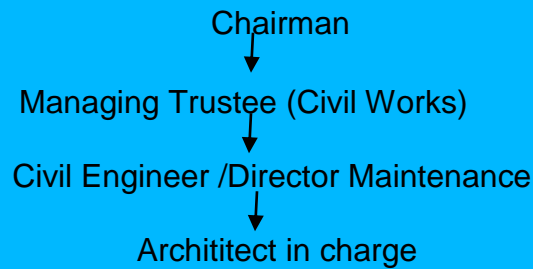


Chart D:- Accounts

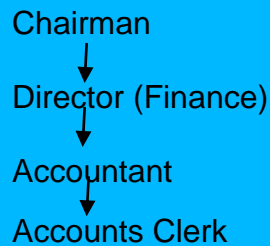
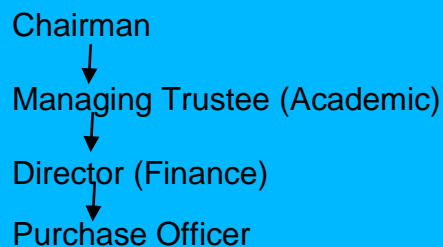


Chart E:- Purchase



- Nature and Extent of involvement of faculty and students in academic affairs/ improvements
As mentioned in organization Charts and Processes
- Mechanism/Norms & Procedure for democratic/good Governance
As mentioned in organization Charts and Processes.
- Student Feedback on Institutional Governance/faculty performance
Good
- Grievance redressal mechanism for faculty, staff and students
Regular Interaction with students, faculty and staff takes care of grievance redressal.

**Name of the Programmers approved by the AICTE
(EACH OF 3/4 YEARS DURATION)**

S.No	Course(s)	Intake	
		FIRST SHIFT	SECOND SHIFT
1	Electrical Engineering	120	120
2	Civil Engineering	120	60
3	Computer Engineering	120	00
4	Mechanical Engineering	120	120
5	E.C. Engineering	60	00
6	Chemical Engineering	60	-----
7	Plastic Engineering	60	-----
8	Architectural Assistantship	60	
TOTAL		720	300

Fee Structure of the Institution

S.No	Category	ACPDC quota		Management quota	
		Fixed by the State Fee Committee	Being charged by the Institution	Fixed by the State Fee Committee	Being charged by the Institution
1.	Admission Fee	-	-	-	-
2.	Tuition Fee	43,000/- Per Year	43,000/- Per Year	43,000/- Per Year	43,000/- Per Year
3.	University fee (Examination fee, Enrollment fee etc.)	550 per Sem GTU Exam 150	550 per Sem GTU Exam 150	550 per Sem GTU Exam 150	550 per Sem GTU Exam 150
4.	Hostel fee (Rent etc.)	-	-	-	-
5.	Laboratory fee	-	-	-	-
6.	Library fee	-	-	-	-
7.	Any other	-	-	-	-

- Name of the Programmes accredited by the AICTE : Nil

- Placement Facilities: As the first batch has come out, the placement shall be started from 2009-10. The industries are being contacted and necessary placement cell is established. The Campus interviews shall be arranged.

i) Total no. of students placed by the Institution through its Placement Cell (Discipline wise)

Branch	Total no. of students placed through placement cell							Branch wise Total
	2011	2012	2013	2014	2015	2016	2017	
Mech.	29	27	48	63	66	6	23	262
Elect.	20	20	24	30	27	12	09	142
Civil	0	13	8	6	0	0	06	33
Comp.	0	20	12	8	0	0	00	40
EC	0	13	7	5	15	0	00	40
Total	49	93	99	112	108	18	38	517

ii) Provide details of companies/Industries, which visited the institute for placement since the last three years.29+

TVS -Brakes India Ltd	Kochar Ltd
L&T Power	Apidel Technologies
Atlas Copco	ABB
Tata Consultancy Services	Sanghi Industries
Indo German Tool	ERDA
Adani Power Ltd	Alembic Pharmaceutical Ltd.
Apollo Tyres	Alembic
Baroda District Co. Op Milk	Lear Automotive
Kaneria Granito Ltd.	Maruti Suzuki
Siemens	Shreno Ltd
Innovative Tyres & Tubes	Bombardier Transportation
Bundy India Ltd	Deepak Nitrite Ltd
Gujarat State Electricity Board	Gujarat Automotive Gears
Nirma Ltd	Panasonic Energy India
Emco Limited	Sun Pharmaceutical Ind. Ltd
Petronet LNG Limited	Transpek Industries Ltd
Comet Industries	GSFC
Jayant Agro Organic Ltd	Jyoti Ltd

Polycab Wires Pvt Ltd	Sabic Innovative Plastic India. Ltd
	Zydus Cadila

❖ FACULTY

Appendix: 1: Details of the Full Time Teaching Faculty (Programme wise).

Dept	Sr. No.	Faculty Name	Designation	Gender	D.O.B.	Teaching Experience	Reserch Experience	Qualification	D.O.J.	Gross Pay
Chemical	1	Padhiyar Pankaj	HOD	Male	09/12/1988	5.60	0	B.E.	08/07/2016	VI th Pay
	2	Jadav Rashmi	Lecturer	Female	22/11/1992	2.50	0	B.E.	10/08/2015	VI th Pay
	3	Jimit Kansara	Lecturer	Male	30/11/1992	1.30	0	B.E.	03/10/2016	VI th Pay
	4	Tailor Shreya	Lecturer	Female	27/08/1991	0.70	0	B.E.	19/06/2017	VI th Pay
	5	Parekh Kushbu Vijaykumar	Lecturer	Female	31/03/1989	0.60	0	B.E.	10/07/2017	VI th Pay
	6	Trivedi Ajitkumar Rameshchandra	Lecturer	Male	08/03/1984	0.20	0	B.E.	01/01/2018	VI th Pay
	7	Vetal Aditi Sandip	Lecturer	Female	25/04/1988	0.20	0	B.E.	01/01/2018	VI th Pay
	8	Khairnar Avinash Somnath	Lecturer	Male	18/03/1994	0.70	0	B.E.	01/05/2017	VI th Pay
Civil	9	Pabari Vipul Narshinhbhai	Principal	Male	11/12/1970	6.60	0	M.E.	08/07/2011	VI th Pay
	10	Thakkar Shilpan Ghanshyam	HOD	Male	11/06/1993	0.50	0	B.E.	01/09/2017	VI th Pay
	11	Thakor Vaibhavi Mahendrasinh	Lecturer	Female	02/09/1995	1.60	0	B.E.	20/06/2016	VI th Pay
	12	Patel Bijal Rajeshbhai	Lecturer	Female	25/06/1995	1.40	0	B.E.	22/08/2016	VI th Pay
	13	Darji Kajal Arvindbhai	Lecturer	Female	17/09/1995	0.40	0	B.E.	11/09/2017	VI th Pay
	14	Darji Aayushi Prashantbhai	Lecturer	Female	30/07/1994	1.40	0	B.E.	01/08/2016	VI th Pay
	15	Solanki Vikas Bipinbhai	Lecturer	Male	30/05/1995	1.60	0	B.E.	20/06/2016	VI th Pay
	16	Maurya Sarvan Nandlal	Lecturer	Male	30/06/1994	1.60	0	B.E.	08/06/2015	VI th Pay

	17	Verma Atul Dineshkumar	Lecturer	Male	13/09/1993	2.00	0	B.E.	03/02/2016	VI th Pay
	18	Bhatt Shweta Parimal	Lecturer	Female	21/11/1993	2.60	0	B.E.	08/06/2015	VI th Pay
	19	Kotadiya Ekta Akbar	Lecturer	Female	29/04/1993	2.60	0	B.E.	08/06/2015	VI th Pay
	20	Sawant Pooja Sunilkumar	Lecturer	Female	03/06/1996	1.60	0	B.E.	20/06/2016	VI th Pay
	21	Mistry Sanket Chandrakant	Lecturer	Male	25/05/1992	1.10	0	B.E.	16/01/2018	VI th Pay
	22	Sindha Aniruddhasinh Ranjitsinh	Lecturer	Male	20/07/1995	1.60	0	B.E.	20/06/2016	VI th Pay
	23	Bhaliya Pradhyuman Rameshbhai	Lecturer	Male	27/11/1994	1.40	0	B.E.	22/08/2016	VI th Pay
	24	Dave Urvish Prashantbhai	Lecturer	Male	08/06/1994	0.11	0	B.E.	01/03/2017	VI th Pay
	25	Chelvi Dhruvit Harshadkumar	Lecturer	Male	17/02/1993	0.60	0	B.E.	12/06/2017	VI th Pay
	26	Shah Pooja Rajendrabhai	Lecturer	Female	04/08/1993	1.60	0	B.E.	23/06/2016	VI th Pay
	27	Janani Bhavin Kamlesh	Lecturer	Male	13/09/1994	2.40	0	B.E.	01/10/2015	VI th Pay
	28	Naik Tanisha Sunilkumar	Lecturer	Female	28/09/1992	1.40	0	B.E.	01/08/2016	VI th Pay
	29	Singh Dipti Ashokkumar	Lecturer	Female	03/05/1991	2.00	0	B.E.	01/02/2016	VI th Pay
	30	Patel Jignesh Hemabhai	Lecturer	Male	24/02/1991	2.60	0	B.E.	08/06/2015	VI th Pay
	31	Brahmbhatt Tirth Jatin	Lecturer	Male	02/02/1993	2.50	0	B.E.	01/09/2015	VI th Pay
Computer	32	Makani Purvi Rajendra	Lecturer	Female	03/12/1988	2.50	0	B.E.	01/09/2015	VI th Pay
	33	Panchal Khusbu Jayeshbhai	Lecturer	Female	12/09/1991	1.70	0	M.E.	21/06/2016	VI th Pay
	34	Patil Vidhya Prakashkumar	Lecturer	Female	12/04/1986	1.10	0	M.E.	01/01/2017	VI th Pay
	35	Shaikh Amin Farooq	Lecturer	Male	24/04/1993	0.10	0	M.E.	16/01/2018	VI th Pay
	36	Sheth Zalak Alkeshkumar	Lecturer	Female	10/04/1994	0.70	0	B.E.	19/06/2017	VI th Pay
	37	Samant Puja Siddesh	Lecturer	Female	06/11/1986	0.70	0	B.E.	01/07/2017	VI th Pay
	38	Patel Archana	Lecturer	Female	05/06/1994	2.70	0	B.E.	01/07/2015	VI th Pay
	39	Chauhan Yogina Kishorbhai	Lecturer	Female	29/09/1990	0.80	0	B.E.	06/05/2017	VI th Pay
	40	Shah Atit Jadishchandra	Lecturer	Male	30/08/1991	4.10	0	B.E.	23/12/2013	VI th Pay
	41	Patel Heena Kamleshkumar	Lecturer	Female	18/02/1992	4.10	0	B.E.	23/12/2013	VI th Pay
	42	Patel Amitkumar Natubhai	Lecturer	Male	12/10/1984	6.60	0	B.E.	18/07/2011	VI th Pay

Electrical	43	Suthar Analben Rajendrabhai	Lecturer	Female	03/04/1995	0.80	0	B.E.	01/05/2017	VI th Pay
	44	Baria Ankita Sanjaykumar	Lecturer	Female	05/06/1994	0.80	0	B.E.	06/05/2017	VI th Pay
	45	Pardeshi Pramod Pandurang	Lecturer	Male	06/08/1986	5.60	0	B.E.	18/07/2012	VI th Pay
	46	Chauhan Amit	Lecturer	Male	19/02/1991	4.10	0	B.E.	18/02/2013	VI th Pay
	47	Patel Bhartiben Shivabhai	Lecturer	Female	27/09/1990	3.00	0	B.E.	01/01/2015	VI th Pay
	48	Patel Divya Kishorbhai	Lecturer	Female	17/08/1992	3.00	0	B.E.	07/01/2015	VI th Pay
	49	Patel Harshil Kamleshbhai	Lecturer	Male	07/09/1991	0.80	0	B.E.	01/05/2017	VI th Pay
	50	Bhavsar Khushbu Narendrakumar	Lecturer	Female	24/08/1991	2.70	0	B.E.	01/06/2015	VI th Pay
	51	Singh Neha Ranjit	Lecturer	Female	03/01/1994	2.40	0	B.E.	01/09/2015	VI th Pay
	52	Patil Jay Vijaykumar	Lecturer	Male	20/05/1992	2.40	0	B.E.	01/09/2015	VI th Pay
	53	Karodiya Hiren Jayantilal	Lecturer	Male	08/12/1988	4.00	0	B.E.	01/02/2013	VI th Pay
	54	Rathva Reenaben Khumansinh	Lecturer	Female	01/01/1994	2.10	0	B.E.	01/03/2015	VI th Pay
	55	Parikh Monali Vijaybhai	Lecturer	Female	21/11/1989	2.80	0	B.E.	01/05/2015	VI th Pay
	56	Patel Hetvi Bhavikbhai	Lecturer	Female	04/10/1991	2.70	0	B.E.	01/06/2015	VI th Pay
	57	Patel Madhavi Vijaybhai	Lecturer	Female	05/12/1993	1.20	0	B.E.	07/11/2016	VI th Pay
	58	Desai Hasitkumar Jayantbhai	Lecturer	Male	08/07/1959	6.00	0	B.E.	06/02/2012	VI th Pay
	59	John Manuel Macwan	Lecturer	Male	04/06/1948	7.50	0	B.E.	01/09/2010	VI th Pay
	60	Vyas Janmejy Hemant	HOD	Male	20/01/1988	6.60	0	B.E.	18/07/2011	VI th Pay
61	Panchal Manthan Narendrabhai	HOD	Male	31/03/1990	5.10	0	B.E.	23/04/2012	VI th Pay	
62	Shah Harsh Parimalbhai	Lecturer	Male	01/12/1993	2.00	0	B.E.	08/02/2016	VI th Pay	
63	Tailor Yash Vinodbhai	Lecturer	Male	14/06/1992	1.10	0	B.E.	26/12/2016	VI th Pay	
64	Selani Jaimin Umeshkumar	Lecturer	Male	24/01/1993	0.50	0	M.E.	01/09/2017	VI th Pay	
65	Talati Brinda Tarunkumar	Lecturer	Female	27/01/1991	1.70	0	B.E.	20/06/2016	VI th Pay	
66	Guchhayat Rituparana Kamal Kumar	Lecturer	Female	16/04/1991	5.50	0	B.E.	08/09/2012	VI th Pay	
67	Ninama Bhavesh Parubhai	Lecturer	Male	03/02/1989	3.70	0	B.E.	01/07/2014	VI th Pay	
68	Munsi Parvezali	Lecturer	Male	17/02/1989	2.00	0	B.E.	01/02/2016	VI th Pay	

	69	Mistry Khushbu	Lecturer	Female	05/10/1992	0.10	0	B.E.	01/01/2018	VI th Pay
	70	Patel Akash Mahendrabhai	Lecturer	Male	04/10/1993	2.50	0	B.E.	01/09/2015	VI th Pay
	71	Darji Tarun Dahyabhai	Lecturer	Male	10/08/1989	2.80	0	B.E.	01/06/2015	VI th Pay
	72	Makwana Ronakkumar Hasmukhbhai	Lecturer	Male	16/11/1990	3.00	0	B.E.	01/01/2015	VI th Pay
	73	Rana Bhavik Rajeshbhai	Lecturer	Male	07/12/1991	3.00	0	B.E.	01/01/2015	VI th Pay
	74	Patel Divya Bipinchandra	Lecturer	Female	28/08/1991	3.00	0	B.E.	01/01/2015	VI th Pay
	75	Patel Priyanka Ashokbhai	Lecturer	Female	16/07/1994	2.70	0	B.E.	09/07/2015	VI th Pay
	76	Chudasama Bhavita Maheshbhai	Lecturer	Female	27/05/1994	1.00	0	B.E.	23/01/2017	VI th Pay
	77	Rajyaguru Tammana Harehbhai	Lecturer	Female	20/06/1995	0.50	0	B.E.	08/09/2017	VI th Pay
	78	Surti Aliabbas Sarfaraz	Lecturer	Male	15/10/1991	0.10	0	B.E.	25/01/2018	VI th Pay
	79	Sharma Meenakshi	Lecturer	Female	04/12/1993	1.10	0	B.E.	25/01/2018	VI th Pay
	80	Chauhan Mehulkumar Ramanbhai	Lecturer	Male	14/01/1990	4.00	0	B.E.	01/01/2014	VI th Pay
	81	Panchal Rakesh Rameshbhai	Lecturer	Male	06/09/1989	4.00	0	B.E.	29/01/2014	VI th Pay
	82	Kalsalia Divyesh Gandabhai	Lecturer	Male	07/10/1987	3.70	0	B.E.	01/07/2014	VI th Pay
	83	Patel Nishidh Ashokkumar	Lecturer	Male	08/01/1994	2.70	0	B.E.	01/07/2015	VI th Pay
	84	Rohit Ahlawat Sureshkumar	Lecturer	Male	14/01/1993	3.00	0	B.E.	01/01/2015	VI th Pay
	85	Shah Parth Jayeshkumar	Lecturer	Male	03/05/1993	3.00	0	B.E.	01/01/2015	VI th Pay
	86	Parmar Yogesh Dalsukhbhai	Lecturer	Male	24/04/1993	3.00	0	B.E.	01/01/2015	VI th Pay
	87	Detroja Shubhamkumar Kanaiyalal	Lecturer	Male	11/06/1993	3.00	0	B.E.	01/01/2015	VI th Pay
	88	Badgujar Sagar Pandhrinath	Lecturer	Male	09/12/1988	3.00	0	B.E.	05/01/2015	VI th Pay
	89	Challawala Murtuza Aliasgarbhai	Lecturer	Male	31/07/1992	2.80	0	B.E.	01/06/2015	VI th Pay
	90	Chauhan Priyank Bhikhabhai	Lecturer	Male	13/07/1993	2.50	0	B.E.	01/09/2015	VI th Pay
	91	Sharma Manish Rameshkumar	Lecturer	Male	22/04/1991	2.00	0	B.E.	01/01/2016	VI th Pay
U.C.	92	Patel Kalpana Dineshbhai	HOD	Female	17/05/1991	4.70	0	B.E.	01/07/2013	VI th Pay

	93	Mulherkar Pooja	Lecturer	Male	28/08/1987	3.70	0	B.E.	01/07/2016	VI th Pay
	94	Gupta Himanshu R.	Lecturer	Male	27/08/1987	3.20	0	M.Tech.	08/12/2016	VI th Pay
	95	Patel Sejal Dhayabhai	Lecturer	Female	12/12/1989	3.00	0	B.E.	01/02/2016	VI th Pay
	96	Suthar Niraliben Mukundbhai	Lecturer	Female	21/04/1992	2.70	0	B.E.	01/07/2015	VI th Pay
	97	Pariikh Arpitkumar Bharatkumar	Lecturer	Male	19/09/1986	5.70	0	B.E.	26/07/2012	VI th Pay
	98	Patel Kenaliben Dipakbhai	Lecturer	Female	04/02/1993	2.80	0	B.E.	01/06/2015	VI th Pay
	99	Majmundar Suchi Prakash	Lecturer	Female	08/10/1992	2.80	0	B.E.	01/06/2015	VI th Pay
	100	Shreenivasan Sreejith Narayanan	Lecturer	Male	09/05/1992	2.50	0	B.E.	01/09/2015	VI th Pay
	101	Mistry Vimal Ghanshyambhai	Lecturer	Male	22/03/1991	2.80	0	B.E.	01/06/2015	VI th Pay
	102	Joshi Biren V.	Lecturer	Male	10/01/1987	2.70	0	B.E.	01/07/2015	VI th Pay
	103	Vaidya Jaydev Subhashchandra	Lecturer	Male	22/06/1989	2.50	0	B.E.	01/09/2015	VI th Pay
Mechanical	104	Kharad Somjibhai Ramsing	Lecturer	Male	06/01/1980	9.50	0	B.E.	14/08/2008	VI th Pay
	105	Shah Purvesh Satishbhai	HOD	Male	11/09/1985	8.60	0	B.E.	13/07/2009	VI th Pay
	106	Patel Ronakkumar Ashokbhai	Lecturer	Male	15/11/1982	6.10	0	B.E.	15/04/2011	VI th Pay
	107	Patel Miteshkumar Shashikant	Lecturer	Male	09/01/1981	5.10	0	M.E.	12/04/2012	VI th Pay
	108	Panchal Abhijit Rasiklal	Lecturer	Male	25/01/1988	3.70	0	B.E.	01/07/2014	VI th Pay
	109	Shah Nidhi Kishorkumar	Lecturer	Female	28/12/1991	3.70	0	B.E.	01/07/2014	VI th Pay
	110	Patel Naitikkumar Vijaybhai	Lecturer	Male	28/05/1991	5.00	0	B.E.	01/02/2013	VI th Pay
	111	Gupta Vijay Mohanlal	Lecturer	Male	10/07/1988	2.80	0	B.E.	01/06/2015	VI th Pay
	112	Kachrola Yogesh	Lecturer	Male	13/03/1993	0.80	0	B.E.	01/06/2017	VI th Pay
	113	Patel Karan Manoj	Lecturer	Male	30/07/1989	5.50	0	B.E.	14/09/2012	VI th Pay
	114	Bharati Sunilkumar Harishankar	Lecturer	Male	19/06/1990	6.10	0	B.E.	16/01/2012	VI th Pay
	115	Shah Chirag Dineshbhai	Lecturer	Male	16/12/1991	4.10	0	B.E.	23/12/2013	VI th Pay
	116	Sahu Bhargav Laxmanbhai	Lecturer	Male	30/10/1992	1.70	0	B.E.	11/07/2016	VI th Pay
	117	Tanwar Vikramsingh Nareshpalsingh	Lecturer	Male	12/03/1991	3.10	0	B.E.	01/01/2015	VI th Pay
	118	Prajapati Prakash Hirabhai	Lecturer	Male	30/08/1992	2.70	0	B.E.	01/07/2015	VI th Pay

	119	Purohit Rupesh M	Lecturer	Male	17/02/1990	2.60	0	B.E.	01/08/2015	VI th Pay
	120	Prajapati Mitesh Kaniyalal	Lecturer	Male	19/05/1994	2.50	0	B.E.	01/09/2015	VI th Pay
	121	Pandey Devendrakumar Balgovind	HOD	Male	15/03/1964	8.10	0	B.E.	01/01/2010	VI th Pay
	122	Ahir Shaileshkumar Madhubhai	Lecturer	Male	21/05/1990	6.50	0	M.E.	16/08/2011	VI th Pay
	123	Patel Mayankkumar Gokalbhai	Lecturer	Male	12/07/1985	5.10	0	B.E.	26/03/2012	VI th Pay
	124	Patel Devendrabhai Rajendrabhai	Lecturer	Male	14/04/1991	5.50	0	B.E.	06/09/2012	VI th Pay
	125	Shah Harshil Sunil	Lecturer	Male	20/05/1988	4.10	0	B.E.	24/12/2013	VI th Pay
	126	Agrawal Naresh Kamalchandra	Lecturer	Male	08/11/1991	3.00	0	B.E.	01/02/2014	VI th Pay
	127	Patel Bhaumikkumar Dayabhai	Lecturer	Male	22/04/1992	3.00	0	B.E.	18/02/2014	VI th Pay
	128	Nayak Nikhil Ramlal	Lecturer	Male	24/11/1992	2.70	0	B.E.	01/07/2014	VI th Pay
	129	Parmar Karan Rajeshbhai	Lecturer	Male	06/01/1995	1.80	0	B.E.	20/06/2016	VI th Pay
	130	Bhalia Bhavinkumar Mafatbhai	Lecturer	Male	16/05/1995	1.80	0	B.E.	20/06/2016	VI th Pay
	131	Ranpara Tusharkumar Rajeshbhai	Lecturer	Male	09/09/1994	1.70	0	B.E.	04/07/2016	VI th Pay
	132	Chauhan Prashant Bhikhabhai	Lecturer	Male	14/07/1986	1.60	0	B.E.	01/08/2016	VI th Pay
	133	Patel Himani Sanjaybhai	Lecturer	Female	17/02/1992	1.50	0	B.E.	01/09/2016	VI th Pay
	134	Prajapati Dipakkumar Bipinchandra	Lecturer	Male	25/07/1986	4.10	0	B.E.	16/12/2013	VI th Pay
	135	Panchal Prakashkumar Bharatkumar	Lecturer	Male	01/09/1989	4.00	0	B.E.	01/02/2013	VI th Pay
	136	Gohil Umesh Babubhai	Lecturer	Male	18/04/1991	3.10	0	B.E.	01/01/2015	VI th Pay
	137	Mehta Pathik Yogeshbhai	Lecturer	Male	19/08/1985	3.10	0	B.E.	05/01/2015	VI th Pay
	138	Chand Prakash Manbahadur	Lecturer	Male	04/08/1994	2.50	0	B.E.	01/09/2015	VI th Pay
	139	Patel Hardik D.	Lecturer	Male	19/07/1985	2.60	0	B.E.	01/08/2015	VI th Pay
Plasti	140	Khambhatwala Hiren Harishkumar	HOD	Male	21/06/1985	5.90	0	B.E.	01/05/2017	VI th Pay

	141	Bhatt Ishita Alkesh	Lecturer	Female	10/12/1984	1.70	0	B.E.	29/07/2016	VI th Pay
Arch. Asst.	142	Nadapara Bhumi Pravinbhai	HOD	Female	13/09/1994	0.70	0	B.E.	01/07/2017	VI th Pay
	143	Desai Beena Neelesh	Lecturer	Female	04/07/1967	8.10	0	B.E.	22/01/2018	VI th Pay
	144	Patel Taniya Naranbhai	Lecturer	Female	17/10/1993	1.60	0	B.E.	01/08/2016	VI th Pay
	145	Panchal Rutuben Atulkumar	Lecturer	Female	29/06/1993	1.60	0	B.E.	08/08/2016	VI th Pay
	146	Shah Vaidehi Purvesh	HOD	Female	31/01/1985	8.50	0	M.Sc (MATH S)	07/09/2009	VI th Pay
General	147	Kadam Jayesh Ganpat	Lecturer	Male	12/01/1981	9.60	0	M.Sc (MATH S)	22/08/2008	VI th Pay
	148	Patel Tusharbhai Ishwarbhai	Lecturer	Male	16/06/1992	3.70	0	M.Sc PHYSI CS	01/07/2014	VI th Pay
	149	Makwana Ashwini Chandrakantbhai	Lecturer	Female	16/03/1994	1.10	0	B. A. (English)	01/12/2016	VI th Pay
	150	Prajapati Harshilkumar Amrutbhai	HOD	Male	07/08/1983	8.50	0	M.Sc (MATH S), B.Ed	13/07/2009	VI th Pay
	151	Bhatt Sheetal Utkarsh	Lecturer	Female	08/07/1978	5.50	0	M.Sc STAT, B.Ed	02/08/2011	VI th Pay
	152	Chaudhari Jignesh Sureshbhai	Lecturer	Male	30/01/1987	4.50	0	M. A. (English)	05/08/2013	VI th Pay
	153	Singh Pooja Ashokbhai	Lecturer	Female	09/06/1989	5.40	0	M.Sc (MATH S)	12/09/2011	VI th Pay

Information about of the Faculty (separately for each Programme).

Sr. No.	Programme	Category	Total
01	Civil	Principal	1
02	Mechanical	HOD	2
03	Mechanical	Lecturer	34
04	Electrical	HOD	2
05	Electrical	Lecturer	34
06	Civil	HOD	2
07	Civil	Lecturer	24
08	E.C.	HOD	1
09	E.C.	Lecturer	11
10	Computer	HOD	1
11	Computer	Lecturer	20
12	Chemical	HOD	1
13	Chemical	Lecturer	8
14	Plastic	HOD	1
15	Plastic	Lecturer	5
16	Architectural Assistantship	HOD	1
17	Architectural Assistantship	Lecturer	5
Total			153

II. PROFILE OF DIRECTOR/PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED

1. Name : Mr.Vipul Pabari
2. Date of Birth : 11/12/1970
3. Educational Qualification : M.E in Civil Engg.
4. Work Experience
 - Teaching : 07 YEARS
 - Research : 00 YEARS
 - Industry : 13 YEARS
 - Others : - NA-
5. Area of Specializations: : Civil Engineering
6. Subjects teaching at
 - Under Graduate Level : - NA -
 - Post Graduate Level : - NA -
7. Research guidance : - NA -

No. of papers published in :

- Master's - National Journals : -NA-
- Ph.D. - International Journals : - NA -
- Conferences : -
8. Projects Carried out : - NA -
9. Patents : - NA -
10. Technology Transfer : - NA -
11. Research Publications : - NA -

12. No. of Books published with details : - NA –

❖ AICTE approved existing course(s)

Sr. No	Programme	Course	Current Intake	University Board	Accreditation Status
1	Engineering and Technology	Chemical Engineering-1 st Shift	60	Gujarat Technological University	Not Accredited
2	Engineering and Technology	Civil Engineering-1 st Shift	60	Gujarat Technological University	Not Accredited
3	Engineering and Technology	Computer Engineering-1 st Shift	120	Gujarat Technological University	Not Accredited
4	Engineering and Technology	Electrical Engineering-1 st Shift	120	Gujarat Technological University	Not Accredited
5	Engineering and Technology	Electronics & Communication Engineering-1 st Shift	60	Gujarat Technological University	Not Accredited
6	Engineering and Technology	Mechanical Engineering-1 st Shift	120	Gujarat Technological University	Not Accredited
7	Engineering and Technology	Architectural Assistantship-1 st Shift	60	Gujarat Technological University	Not Accredited
8	Engineering and Technology	Plastic Engineering-1 st Shift	60	Gujarat Technological University	Not Accredited
9	Engineering and Technology	Civil Engineering - 2 nd Shift	60	Gujarat Technological University	Not Accredited
10	Engineering and Technology	Electrical Engineering - 2 nd Shift	120	Gujarat Technological University	Not Accredited
11	Engineering and Technology	Mechanical Engineering-2 nd Shift	120	Gujarat Technological University	Not Accredited

❖ **ADMISSION PROCEDURE**

A	<p><u>ADMISSION THROUGH ADMISSION COMMITTEE FOR PROFESSIONAL DIPLOMA COURSES (ACPDC)</u></p> <p>The announcement to apply for admission to these courses, distribution of applications forms last date of receiving the forms etc. is made in newspapers by Admission Committee For Professional Diploma Courses(ACPDC), Ahmedabad, as soon as the result of SSC examination is declared. The applications are scrutinized and candidates seeking the admission have to present themselves DIRECTLY to Admission Committee For Professional Diploma Courses(ACPDC), Ahmadabad. The students admitted by ACPDC, Ahmedabad will report to this college, within the time limits directed by ACPDC and will pay the fees as per the Government Rules.</p>
B	<p><u>ADMISSION IN MANGAGENT QUOTA:</u></p> <p>For this also, announcement is made and the students seeking the admission have to apply in prescribed form (Attached in this Prospects); with required documents. Merit list will be declared and they will be called for personal interview for verification of marks sheets and other details. The admission will be declared on the Notice Board of this college. The students are required to report and pay the fees as decided by the Government within dates as declared.</p>

MINIMUM QUALIFICATION FOR ADMISSION TO THE COURSES

Candidates who have passed S.S.C examination of Gujarat Higher Secondary Board, Gandhi Nagar or and equivalent examination with minimum 45% Marks.

- ❖ Calendar for admission against management/vacant seats:
 - Last date for request for applications. : As per Gujarat Govt. Guide lines
 - Last date for submission of application. : As per Gujarat Govt. Guide lines
 - Dates for announcing final results. : As per Gujarat Govt. Guide lines
 - Release of admission list (main list and waiting list should be announced on the same day) : As per Gujarat Govt. Guide lines
 - Date for acceptance by the candidate (time given should in no case be less than 15 days) : As per Gujarat Govt. Guide lines
 - Last date for closing of admission. : As per Gujarat Govt. Guide lines
 - Starting of the Academic session. : As per GTU directives and orders.
 - The waiting list should be activated only on the expiry of date of main list.
 - The policy of refund of the fee, in case of withdrawal, should be clearly notified. : As per Gujarat Govt. Guide lines

❖ **CRITERIA AND WEIGHT AGES FOR ADMISSION**

- Describe each criteria with its respective Weight ages i.e. Admission Test, marks in qualifying examination etc. : As per Gujarat Govt. Guide lines

- Mention the minimum level of acceptance, if any. : As per Gujarat Govt. Guide lines
- Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years. : As per Gujarat Govt. Guide lines
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted. : As per Gujarat Govt. Guide lines

- ❖ **APPLICATION FORM** As per Gujarat Govt guide lines.
- ❖ **LIST OF APPLICANTS** As per Gujarat Govt guide lines.
- ❖ **RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS**
As per Gujarat Govt guide lines.
- ❖ **INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE**

**Building:
Instructional Area Common facilities**

Building Number(1)	Building Name(2)	Room Type (3)	Room Id(4)	Area (5)
1	SigmaPolytechnic	Library&Reading Room	108	550.45
1	Sigma Polytechnic	Computer Center	202 & 13	307.00

Administrative Area

Sr Num	Building Number (1)	Building Name (2)	Room Type (3)	Room Id (4)	Area (5)
1	1	Sigma Polytechnic	Exam Control office	001/A	30
2	1		Office All inclusive	001/B	36
3	1		Board Room	003/A	35.7
4	1		Principal/ Director Office	003/B	30
5	1		Cabin For Head of Depart.	004/A	20
6	1		Department Office	004/B	20
7	1		Office All inclusive	004/C	26
8	1		Cabin For Head of Depart.	005/A	20
9	1		Department Office	005/B	20

10	1		Office All inclusive	005/C	26
11	1		Cabin For Head of Depart.	006/A	20
12	1		Department Office	006/B	20
13	1		Office All inclusive	006/C	26
14	1		Cabin For Head of Depart.	007/A	20
15	1		Department Office	007/B	47.5
16	1		Pantry for Staff	009/A	11.5
17	1		Maintenance	018/1	12.5
18	1		Security	018/2	12.5
19	1		Housekeeping	018/3	12.5
20	1		Department Office	022	48.1
21	1		Placement Office	023/A	50
22	1		Department Office	102/B	24
23	1		Office All inclusive	102/C	42.35
24	1		Central Store	103/B	34.85

Amenities Area

Sr Nu	Building Number (1)	Building Name (2)	Room type (3)	Room Id (4)	Area(5)
1	1	Sigma Polytechnic	Stationery	003/c	10
2	1		First aid cum Sick Room	019/B	13.25
3	1		Toilet	026	66
			Toilet	027	66
4	1		Toilet	124	67.15
5	1		Boys Common Room	221	85
6	1		Girls Common Room	225	85.75
7	1		Toilet	227	66
8	1	Cafeteria	CAFE	150.15	

Circulation Area

Sr Num	Building Number (1)	Building Name (2)	Area Type (3)	Average Carpet Area(4)
1	1	Sigma Polytechnic	Corridors	952
2	1	Sigma Polytechnic	Other Areas (in Sq m)	3320
3	1	Sigma Polytechnic	Other Common Area (in Sq m)	495.2

Other Facilities

All Weather Approach (Motorized Road)	Y
Backup Electric Supply	Y
Barrier free Environment	Y
CCTV Security	Y
ERP Software	Y
Electric Supply	Y
General Insurance	Y
Group Insurance	Y
Institution Web Site	Y
Insurance for Students	Y
Stand Alone Language Laboratory (Minimum 25 PCs up to total intake of 1000.Further additional 25 PCs per intake of 1000):	Y
Medical & Counseling	Y
Notice Boards	Y
Public Announcement System	Y
Potable Water Supply	Y
Post & Banking/ATM	Y
Projectors in Classrooms	N
Safety Provisions	Y
Sewage Disposal System	Y
Staff Quarters	N
Telephone & FAX	Y

Transport Facility	Y
Vehicle Parking	Y

LIBRARY:

Total area of the library	550.45 Sq m.
Seating capacity of the library	184
Reprographic facility (yes / No)	YES
Working hours of library	7.30 am to 06:30 pm.
Library Networking facility	YES
Usage data of the library (in terms of books Issued to the faculty & students etc.)	300books Per month for students.
Books per semester for faculty.	300 books
Details of the library staff with qualifications	Librarian – M.Lib.sc
Number of Journal in Library	24

NO. OF BOOKS IN LIBRARY

Sr No.	Course(S)	Titles	Number of Volumes
1	Civil	191	1485
2	Electrical	219	1311
3	Mechanical	459	2445
4	E.C.	263	1298
5	Computer	229	1081
6	Gen/Sci	424	1615
7	Chemical	15	75

LIST OF JOURNALS SUBSCRIBED.

LIST OF JOURNALS	
Sr.No	Name of Journal
1	Electrical India
2	I.J. Power System Research & Development
3	I.J. of Electrical and Electronics Engineering Research and Development
4	I.J. of fluids engineering & mechanical engineering
5	Intl's J. of mechanical and manufacturing engineering
6	Journal of mechanical engineering
7	New Building material and construction work
8	Civil engineering and construction review
9	The Indian concrete Journal
10	Better Interiors

11	I.J. of Advanced Networking & Computer Engineering
12	I.J. of Mobile Communication Networking & Application
13	Electronics for you
14	Chemical Engineering World
15	Indian journal of Chemical Technology
16	Down to Earth
17	Science reporter
18	Atulyo Varso (Gujarati)
19	Safari (Gujarati)
20	Cyber Safar (Gujarati)
21	Outlook (Hindi)
22	Journal of Engineering Mathematics & Statistics
23	Journal of Computer Science and engineering
24	Journal of VLSI Design Tools and Technology

COMPUTING FACILITIES:

Legal System Software	Legal Application Software	Internet Bandwidth in mbps	Internet Contention Ratio	PC exclusively available to students (5)	PCs available in Administ	Number of PCs available in Library	Number of PCs in language lab	PCs available to Faculty Members	Printers available to student
3	20	64	1:1	302	10	11	25	12	18

Details of Laboratory and workshop

Sr.	Name of Laboratory	Description of equipments/instruments
Civil Engineering Department		
1	Surveying Lab	Total Station (South) ,Aluminum Tripod, Prism Tk-19, Prism Pole CIS-11, Telescopic 26levelan staff-4 m long, Telescopic 26levelan staff-6 m long, Spirit level-Brass 6'', tachometers, Survey umbrella, Metric chain 20m, Gunter's chain 66', Revenue chnai 33', Measuring fiber tape 30m, Metallic Tape 15m, Arrow steel, Prismatic Compass with aluminium Tripod (150 mm dia), Survey compass with aluminium tripod (100 mm dia), Ranging rod (3 m), Line ranger, Trough compass (6''), French curve, Dumpy level with wooden stand,Hot air oven ,Model : LSIO-5, Electronic

		balance, Model : DT 30 K/D 330 K,
2	Soil Lab	Core Cutter, Core Cutter with dolly & rummer, Cube mould, Fine sieve 20cm dia, Standard Penetration test Apparatus, Drill Rod, Blain Air Permeability Apparatus, Filter punch (For blain app.), Whatman Filter Paper, Ring & Ball Apparatus, Sand Pouring Cylinder (Small), Liquid Limit Device, Proctor Mould = 150 dia., Shrinkage limit set, Moisture can 50mm x 50mm, Moisture can 75mm x 50mm, Rapid Moisture meter, Sieve Shakers
3	Material Technology/ Concrete Technology Lab	Cube Mould 15 cm height (7.5/8 k.g.), Cube Mould 5 cm height (50x50x50)mm, Slump test Apparatus, Beam Mould (100x100x500)mm, Vibration Table (50cm x 50cm), Fine Sieve 20cm dia. Brass, Le-Chatetor Mould, Vibration machine as per IS 403, Compaction Factor App., Aggregate impact testing machine, Model : AIT-01,
4	Transport Lab	Bitumen Extractor, Pycnometer Bottle Capacity 2labs, Bitumen penetrometer (with automatic timer), Model : SP-01, CBR apparatus, Model : CBR-03, Pensky marten flash & fire point apparatus, Model : AIM 509,511, Los angeles abrasion testing machine, Model : AIM 458, Orifice Cup for Tar Viscometer, Flakiness Guage, Length guage, Proving ring capacity 2kn, Ductility testing machine, Permeability Apparatus, Plastic limit apparatus, Model : AIM 9831-1,
5	Hydraulics Lab	Flask 100 ml, Charpy notch accessories
6	water supply & Sainitary Engg.	Turbidity Meter, Ph Mete
7	Applied Mechanics Lab	Rockwell Hardness testing machine, Compression testing machine, Impact testing machine, Guages for impact machine, Accessories for impact machine, Torsion testing machine, Electronics balance micro processor controlled, Direct shear apparatus, Model : AIM 104,

Computer Engineering Department

8	Computer Lab (Lab 1, Lab 2, Lab 3, Lab 4, Lab 5, Lab 6)	HCL Dual Core 2140 (1.6Ghz), HCL Dual Core 2140 (2.0Ghz), HCL E5200 2.5GHz 160GB HDD, 1GB RAM 15.6" LCD Monitor Keyboard, Mouse, HCL E5200 2.5GHz 160GB HDD, 1GB RAM 15.6" LCD Monitor Keyboard, Mouse, 15Kva, 3 Phase, Servo Stabilizer, Samsung 2245 Laser Printer, Cisco Linksys Hot Spot, Automatic Master Printer RISO, Sony VPL ES5 LCD Data Projector, HCL Dual Core (2.0Ghz), 80GB HDD, 1GB Ram, 17" TFT Monitor, HP Proliant ML110G5 Server, HCL 18.5" TFT Monitor, Numerical Digital 1000 Plus UPS, MICROTEK 625VA UPS, Canon Glass Image 3010 Toner, MICROTEK 625VA UPS, ATX SMPS, DIGISOL 24 Port Switch, DIGILINK CAT6 Cable Box, DIGILINK I/O Box Switch SMB, DIGILINK 24 Port Jack Penal, DIGILINK Patch Cable 182 MTR, EPSON LCD Projector, 10KVA Voltage Transformer.
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E.C. Department

9	Communication lab	SSB modulator & balanced amplitude modulator receiver, SSB modulator & balanced amplitude modulator receiver, SSB modulator & balanced amplitude modulator transmitter, Frequency division multiplexer-demultiplexer, Digital TDM multiplexing-demultiplexing trainer, Attenuator design & measurement trainer, Inverting-noninverting amplifier, Superheterodyne AM receiver, Analog lab, Twilight switch trainer, Microwave oven trainer, Fiber optics trainer, Mobile trainer, ASK,FSK modulation-demodulation trainer, Automatic gain control trainer, Tuned RF amplifier, GSM trainer, VSWR meter, Klystron power supply, Microwave bench set-up, Gunn power supply, LASER diode testing & characteristics, Charecteristics of PIN photodiode, Frequency response of inverting OP-AMP ckt trainer, Opto electronics characteristic trainer, FHSS trainer.
10	Electronics and Instrumentation Lab	SCR motor control demonstration unit with AC/DC. AC servo system (297), Auto seq timer (298), Digital seq. timer(299), DC position servo system, AC position servo system, AC system TX & RX, Magnetic amplifier, Polyphase rect (304), Time delay 555(305), Timer using transmitter, Triac (307), Phase control rectifier, Full wave rec tifice using SCR & UJT(309), UJT trigger CKT (310), SCR turn ON (311), DV/DT limit (312), Timer using SCR(313), DC motor SCR(314), Timer delay relay SCR, Chopper using SCR, Inverter, HWR SCR & UJT, Twilight switch demon, Triac as switch, 1phase HWCR, 1 phase FWFC, 1 phase FWHC BRIDGE Rec, Measurement & Control at temp using RTD, Thermocouple, Thermistor, Pickup Trans, Magnetic trans & Photo reflective trans, Instruments for measuring Characteristic of semi diode, zener diode, diode & zener diode, transistor, UJT, PUT, FET, MOSFET, Diac, Triac, Diac/Traic, SCR, Thermister, LED, LDR, Photo Diode, Photo Transistor, Photocell, Optocuple., Circuits for Digital Electronics (4 Bit Half & Full Adder,4 Bit Half & Full Subset, De Morgans Law,Nano, Nor Gali, RC Flip Flop Etc.), 1 phase FWFC BRIDGE Rec, 1 phase SCR series inventer, Jones chopper, Measurement of linear displacement using capacitor, Temperature transducer trainer, Sciemtech D.C. Power Supply (501),
11	Digital Lab	IC 7400 as universal build (419), Boolean Exper.,4 Bit decoder counter (574), Caddo – 20 Mhz dual cro (496), Digital IC : 100 (575), Caddo – 20 Mhz dual cro (497), DC Regulated Power Supply (518), IC Tester (506), Digital IC : 101 (576), Digital IC trainer, A/D & D/A converter
12	Micro Processor and Microcontroller Lab	8051, MC Kit (548),8085 mp Kit (549),8085 mp Kit (550),8255 Study Card (551),8155 Study Card (552), Tem. Mes. Module (553),16 x L CD interfacing Module (554), Advanced 8086 microprocessor trainer.
13	Microwave Lab	1.VSWR meter, 2.Microwave bench set-up, 3.Gunn power supply , 4.Y-Circulator Part No : Nvis 231,Magic Tee Part No : Nvis 223,Pyramidal Horn Part No : Nvis 246,E-Sectoral Horn Part No : Nvis 244, 5.E-Plane Tee Part No : Nvis 221,H-Plane Tee Part No : Nvis 222

14	Consumer and TV Lab	Automatic washing machine trainer, Noise limiter trainer, Loud-speaker trainer, Loud-speaker trainer, Different types of MODEM trainer, Different types of MODEM trainer, PA system trainer, Cross-over network trainer, Color TV trainer, Cables & wire display board, Relay display board, Yagi antenna,
15	PCB / W/S LAB	Electronics workshop equipments

Electrical Engineering Department

16	Electrical Lab	3 Phase Squarial Cage induction motor coupled to D.C. Shunt Genrator, Synchronous Motor, D.C. Shunt motor with couple DC Series Generator, D.C. Shunt motor with couple DC Shunt Generator,3 Phase Transformer, Single Phase Transformer, Auto Transformer, DOL Starter, Manual star delta starter, Auto star delta starter, Auto Transformer starter ,Rotor Resistance Starter, Digital Multi Meter ms 8201H DMM 9V & Digital Multi Meter 801 Auto, Frequency Meter Analog & Frequency Meter Digital, Phase Sequence Indicator, Demand Meter,3-P Loud Bank, Register Unit, Sectional view of D.C generator 1kw,230v, Sectional view of A.C motor 3hp,415volt,3 shaded pole motor 2hp,230v, Universal motor 2 hp,230v, Swinburn test D.C shunt motor 5 Hp, 230v
17	ELECTRICAL CIRCUIT LAB	Analog PPMC DC Voltmeter, PPMC DC Ammeter, MI type DC Analog Ammeter, MI type AC Analog Ammeter, Wattmeter dynamometer type., Single phase energy meter, Three Phase energy meter, Dynamo type p.f. meter, Clip on meter, Lamp Load Bank, Inductance Chock Coil, Single Phase Capacitor Bank, Three Phase Capacitor Bank, Digital Resistance Meter, RHEOSTATS, Slip guage, Wire guage, Dial guage
18	INSTRUMENTATION LAB	DC Ammeter Kit, Energy Meter Kit, DC VOLTMETER Kit, Earthling Rodes for Earth Resistance Measurement Kit, Analog Ammeter (DC), Analog Ammeter (AC) Trivetro Meter Stop Watch, Analog Volt Meter (DC), Wattmeter, Analog Magger Nippen, Digital Earth Registance Tester, Bearing puller
19	POWER LAB	Bucholz Relay, Thermal Relay, Relay Testing Kit, Current Transformer, Potential Transformer, Insulating Oil Testing Set, Directional Over current relay, Under Voltage, Percentage diff. relay, IDMT Over Current relay, IDMT E/F relay, phase failure & phase sequence relay, definite time over current relay, over current relay three phase inverse char, definite time reverse power relay etc.

Mechanical Engineering Department

20	FMHM Lab	Reciprocating pump, Bernoulli's theorem apparatus, Impact of jet apparatus, Reynold's apparatus, Flow through orifice, Ventury meter orifice, Losses in pipe friction, Flow over notches, Flow over
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		weir, Pelton wheel
21	TOM Lab	Train of gear wheel- simple, Train of gear wheel- compound, Slider crank mechanism, Scotch yoke mechanism, Ellipse tracer model, Cotter joint, Flexible coupling, Flange coupling, Split muff coupling, Oldham's coupling –Big., Rivests set, Riveted joint
22	Thermal Lab	Window A.C. trainer, Model of 4- stroke petrol engine, Model of 4-stroke diesel engine, Model of 2- stroke petrol engine, Model of 2-stroke diesel engine, Model of locomotive boiler, Model of lamount boiler, In/out side caliper, Diesel engine model, Velocity compound steam turbine, Pressure & velocity compound steam turbine model, Counter flow steam condenser, Parallel flow steam condenser
23	Work Shop	CNC Machine(Portable), Nippon brandel have duty hand –drill matchin, LILK Dol starter, Drill bet, Pillar drill matchin ¾" *4 with R/F switch with chusck and 1HP drive motor V-balt pully switch, Branch grainder 0.75Hp motor 0.55KW 2800RPM, 3PH8"*1 ruff & asmooth granding wheel, Beanch vice 4", Pipe vice, Wood Working vice-4", Drill bit with stand 1-12 mm set, Pipe wrench 12', Drilling wise 4", Motor 1HP/3 ph/1440RPM, Hackshaw machine 7" with motor of 1HP/3 ph/1440RPM V-belt & switch, On/off switch, Caste cable motor (1 motor), D-link connecter, Crinping and connecting and testing, Universal testing machine, Fatique testing machine, Fatique testing machine,4.5 ft HMT lathe machine,4.5 ft HMT lathe machine, Table-bench vices, Vijay hacksaw machine, Carpentry vice, Bench grinder 0.75 HP, Speed drill machine,4.5ft lathe machine with motor, chuck, switch, belts,"dhruv" brand heavy duty air cooled welding machine of caps 250 AMBS, Welding cable, Hand screen, Lugs,"shakti" brand heavy duty air cooled welding machine of caps 200 AMBS, Gas welding set (oxy-act), Wood working vice 175 mm, Bench vice size 4", Haksaw blade 12*300mm*24TPI, Steel rule of size 300mm, Red &blue pipes, Act. Regulator, Oxy. Regulator, LPG regulator, Haksaw frame fix type, Rough file (flat), Smooth file(flat), Round file (flat), Try square file, Centre punch 100 mm, Hammer of 500HR, Jack plane, Mortise chisel with blade, Anvil of 100 kg, Anvil of 50 kg, Best Indian make heavy duty most precision cone pulley type shaping M/c vice with motor pulley hande complete with all standard accessories as per maker supous extra accessories for machine, Varnier caliper (150mm), Threading gauge(inch/mm)(matric60), Radius gauge, Micro meter,(A)Heavy duty elect. Motor 1 HP /3PH/ 1440RPM special TEFE type(B)On/off switch(c)V-belt, HSS tool 10% cable micron 3/8" switch,
24	Material Technology Lab	Metallographic Microscope, Single Disc Polishing Machine, Electrical Muffle Furnace, Metallographic Specimen,
25	Metrology &	1.Dial gauge with magnetic stand, 2.Ring gauge bore size 10 to

	Instrumentation Lab	20mm , 3.Gear tooth vernier LC 0.01mm, 4.Bevel protector range 300mm, 5.Vernier height gauge 0.300mm, 6.Central holding GO and NOGO plug gauge 10 to 25mm 7.Straight Bar
26	Engineering Drawing LAB	Objective drawing model (set of 14), Model of dissected solids (set of 8), Woolen model interpenetration of solid, Geometric instrument box (plastic), Projection of straight line apparatus

General Department

27	Physics Lab	1.Traveling Microscope, 2.Physical Balance, 3.Young Modulus set-Brass, 4.Rheostat 1.6 Amps., 5.Ohms LAW Apparatus 6.ammeter 7.volt meter 8.resistance
28	Chemistry Lab	Chemical Balance, Wire Gauge, Pair of Tongs, Burette, Burette Stand, Conical Flask,Desicator,Electrical Oven,Methanol,Electrical Oven,Mercury Thermometer, Ferrous Sulphate,Capillary Tube set of 3,Pinch Cock Tikli, Phenolphthalein solution 125ml,Acetic Acid 500gm,Universal Indicator,Formaldehyde,Phenol,Methyl Orange,

Chemical Engineering Department

29	Petroleum Refining& Petroleum Technology	VISCOMETER OSTWARD 15 2.potentometer digital 3.conductivity meter pocket type 4.stalago meter glass 5.pensky marten flash point apparatus 6.cleveland flash point apparatus
30	Mechanical Operation	Roll Crusher, Basket Centrifuge, Jaw Crusher, Froth Flotation Cell,
31	Pollution Control & Effluent Treatment	Turbidity Meter Range,Incubator(BOD Set up),Cyclone Separator
32	Process Heat Transfer	Thermal Conductivity of Metal Rod, Thermal Conductivity of Composite Wall,Critical Radius Of Insulating Material,Heat Transfer in Agitated Vessel,Shell And Tube Heat Transfer,Emissivity Apparatus,Double Pipe Heat Exchanger,Air To Water Heat Exchanger
33	Mass Transfer	Packed Column Absorber,Heating Bath
34	Chemical Process Technology	Tube with thermometer & L tube,Evaporating dish-3",Measuring jar-250 ml
35	Fluid Flow Operation	rotameter assembly for fluid flow measurement

Plastic Engineering Department

36	Basic Polymer Chemistry	1.Chemical Balance, 2.PH Meter, 3.Electrical Oven, 4.Redwood Viscometer,
37	Polymer Chemistry	Chemical Balance, PH Meter, Viscometer
38	Basic Mould Design	Injection Moulding Machine
39	Technology for	Injection Moulding Machine,Hopper Dryer,Hopper Loader,Mould

	Inj.Molding	Temperature Controlle
40	Mould Fabrication Technology	Pillar drill matchin ¾" *4 with R/F switch with chusck and 1HP drive motor V-balt pully switch, Hackshaw machine 7" with motor of 1HP/3 ph/1440RPM V-belt & switch, HMT lathe machine, 5.shapper Machine
41	Compression Transfer and Inje .Molding of Thermosets	Air Compressor, Cooling Tower
42	Blow Rotational & Thermoforming Process	Hopper Dryer, Hopper Loader, Mould Temperature Controller
43	Hydraulics & Pneumatic	Reciprocating pump ,Bernoulli's theorem appart, Screw jack apparatus
44	Process Instrumentation & Maintenance	Measurement of Linear Displacement Using LVDT,Measurement of Linear Displacement Using Inductive Transducer,Measurement & Control Temperature Using RTD Digital
45	Petroleum Refining & Petroleum Technology	Viscometer Oswald's,potentio meter digital,Pensky martens flash point apparatus

Program structure & Detail syllabus for Diploma Engineering available on this link.

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for Diploma (w.e.f 28-09-2012)

http://gtu.ac.in/syllabus/NEW_DE_SchemeSyllabus.htm

➤ Academic Calendar of the University

[Academic Calendar – 2017-18 \(Odd Term\)](#)

DE	I	Odd	03-08-2017	21-12-2017
DE	III	Odd	19-06-2017	13-10-2017
DE	V	Odd	19-06-2017	13-10-2017

[Academic Calendar – 2017-18 \(Even Term\)](#)

DE	II	Even	18-01-2018	16-05-2018
DE	IV	Even	21-12-2017	21-04-2018
DE	VI	Even	21-12-2017	21-04-2018

- Internal Continuous Evaluation System and place: Organised by us.
- Students' assessment of Faculty, System in place. : Organised by us.

NOTE: Suppression and/or misrepresentation of information would attract appropriate penal action.