MANDATORY DISCLOSURE

Last updated on 25/09/2023

1. Name of the Institution

N. G. PATEL POLYTECHNIC

At: Isroli, Po: Afwa, Tal: Bardoli,

Dist: Surat – 394620. Gujarat. India

E-mail: svpess@yahoo.in

Website: www.ngpatelpoly.ac.in

Phone No: 9512900459

2. Name and Address of the Trust / Society / Company and the Trustees:

SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY

At: Isroli, Po: Afwa, Tal: Bardoli,

Dist: Surat - 394620. Gujarat. India

E-mail: svpess@yahoo.in

Website: www.ngpatelpoly.ac.in

Phone No: 9512900459

3. Name and address of the Principal:

Kartik R. Desai

At: Isroli, Po: Afwa, Tal: Bardoli,

Dist: Surat - 394620. Gujarat. India

E-mail: krd.ngpp@gmail.com

Website: www.ngpatelpoly.ac.in

Phone No: 9925561339

4. Name of the affiliating University:

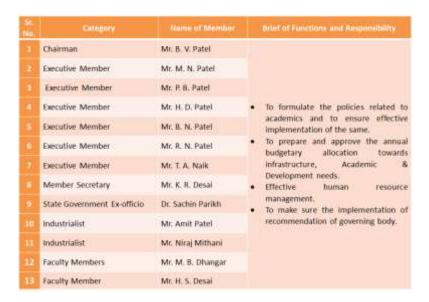
Gujarat Technological University (GTU),

Nr. Vishwakarma Government Engineering College

Nr. Visat Three Roads, Visat - Gandhinagar Highway

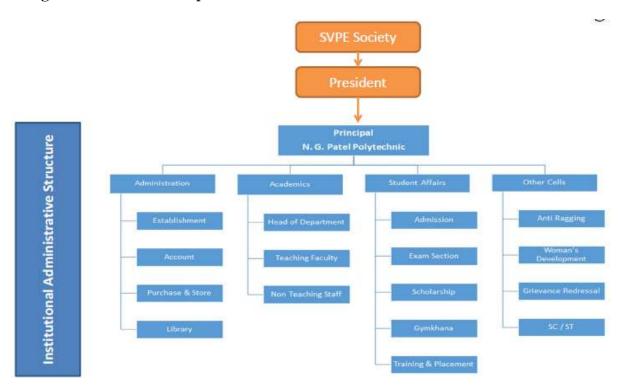
Chandkheda, Ahmedabad – 382424 - Gujarat

- 5. Governance
- Members of the Board of Governance (BoG)



Frequency of Board of Governance Meeting: Twice a year

• Organizational chart and processes



• Nature and Extent of involvement of Faculty and students in academic affairs/improvements:

Details of faculties delegated powers for taking administrative decisions

Sr.	Activities Detail Faculty Name Delegated Authorities			
No.	Activities Detail	(With Designation)	Delegated Authorities	
A	Academics			
1	Head of the Department	Mr. Mukesh B. Dhangar Head, Chemical Engineering Mrs. Pratiksha P. Vaghasiya Head, Computer Engineering Mr. Nilesh P. Prajapati I/C Head, Electrical Engineering Mr. Nipul C. Rana I/C Head, Mechanical Engineering Mr. Manoj R. Sirohi I/C Head, Science & Humanities	 To ensure the quality of the academics at the department level. Coordination among various departments to ensure optimum utilization of the Institute level resources. To provide academic related data as per the needs of AICTE and University. Taking care of the AICTE compliance, University affiliation, NBA requirements. To promote students to work with IDP or UDP related projects. To prepare required data for academic audit. 	
В	Student Affair		academic addit.	
1	Admission	Mr. Nilesh P. Prajapati I/C Head, Electrical Engineering Mr. Ritesh J. Patel Sr. Lecturer, Computer Engineering	 To counsel the students about the admission procedure w.r.t. eligibility criteria, documentation and procedure there off. To facilitate the students as per the guidelines issued by State Level Diploma Admission Committee for operating help centers / Cyber space. 	
2	Exam Section	Mr. Kiransinh N. Desai Sr. Lecturer, Science & Humanities	 To conduct the Internal and End Semester University Exams in effective manner. To handle the liaison with university for exam & student related matters. 	
3	Scholarship	Mr. Yagnesh D. Patel Lecturer, Electrical Engineering	 To counsel the students about various available scholarship schemes, form the government and identify concern students. To help the students for availing the scholarships. 	
4	Gymkhana	Mr. Mukesh B. Dhangar Head, Chemical Engineering	To provide a platform to students to participate in co-curricular and extra-curricular activities to inculcate various qualities which	

			helps the student in self and personality development.
5	Training & Placement	Mr. Mukesh B. Dhangar Head, Chemical Engineering	 To provide necessary training and counselling to the final year students required for better placements to industries and higher learning institutes. To identify the needs of industries regarding quality of engineering students and to build the relationship with industries for better placements of students.
С	Other Cells		
	Anti-Ragging Committee	Mr. Nilesh P. Prajapati I/C Head, Electrical Engineering	 Anti-Ragging Squad will be working under the Monitoring of Anti Ragging Committee and will seek advice from the Anti-Ragging Committee. The functions of Anti-Ragging Squad will be to keep a visilenge and
1	Anti-Ragging Squad	Mr. Manoj R. Sirohi I/C Head, Science & Humanities	Squad will be to keep a vigilance and stop the incidences of Ragging, if any, happening / reported in the places of Student aggregation. The Squad will also educate the students at large by adopting various means about the menace of Ragging and related Punishments there to.
2	Woman's Development	Mrs. Pratiksha P. Vaghasiya Head, Computer Engineering	 To prevent and determine the commission of any act of harassment. To deal with problems related to studies. To protect women's right to gender equality and provide a favourable environment for work/study. To provide a forum for women on the campus to share information and resources and exchange of ideas. To create awareness among the girls and the women staff.
3	Grievance Redressal	Mr. Kartik R. Desai Principal, N. G. Patel Polytechnic	To provide a mechanism for redressal of students'/Staff grievances and ensure the prevention of unfair practices.

			•	To look into the complaints lodged by any student/Staff, and judge its merit. The Grievance cell is also empowered to look into matters of harassment.
4	SC / ST	Mr. Mukesh B. Dhangar Head, Chemical Engineering	•	To implement Reservation Policy and Sought for information under the SC ST Cell and college/institute level as per the guidelines of Gujarat Technological University vide circular no. GTU SC-ST Cell/2013 dated 24/11/2013.

Various other Committees are also framed. The details of the same are mentioned as under:

Sr. No.	Committee Detail	Convener	Delegated Authorities
1	Outdoor Sports	R. H. Maisuriya	To organize various outdoor sports activities (Cricket, Volleyball, Kabaddi, Kho-Kho) as per the schedule in academic calendar of institute.
2	Indoor Sports	Lecturer, E.E.D.	To organize various indoor sports activities (Carrom, Table Tennis, Badminton, Chess, etc.) as per the schedule in academic calendar of institute.
3	Prize Distribution	M. B. Dhangar Head, Ch.E.D.	To finalize the list of awardees and necessary giveaways for falicitation during annual prize distribution ceremony.
4	Cultural Program	A.D. Patel Lecturer, M.E.D.	To finalize the cultural events and plan for its preparation.
5	Annual Tech Fest "UDAAN"	P. P. Vaghasiya Head, Co.E.D.	To finalize the technical events to be undertaken during the celebration of UDAAN along with formation of various sub committees and their roles and function's.
6	Blood Donation and Thalassemia Test	M. R. Sirohi I/C Head, S&H	To invite the government recognized NGO's for blood collection, thalassemia testing and thalassemia counselling for each student of first year.
7	Grain & Cloth Donation	M. S. Patel I/C Head, IT	To plan the schedule of collection and distribution of

			grains and cloths to needy peoples in nearby vicinity.
8	Health & Hygiene	N. C. Rana I/C Head, M.E.D.	To make sure the housekeeping related activities are carried out as per the guidelines.
9	Library	M. R. Sirohi Head, S&H	To issue the books to students and staff as per the rules of institute and to distribute and maintain the records related to book bank facility. Also, to ensure in time renewal of periodicals.
10	Discipline	D. M. Prajapati Sr. Lecturer, S&H	To maintain discipline amongst students of institute in the manner of dressings, behaviour and general etiquettes.
11	Transportation	P. P. Vaghasiya Head, Co.E.D.	To identify the students who wants to avail transportation facility and to arrange the same so that a smooth operation of transportation is ensured.
12	Boys Counselling	M. R. Sirohi I/C Head, S&H	To provide counselling and guidance related to academic,
13	Girls Counselling	M. S. Patel I/C Head, IT	personal and career to the students.
14	AICTE, GTU, NBA, FRC, PMKVY Portal	H. S. Desai Sr. Lecturer, Ch.E.D.	To handle the mandatory portals for Central and State Level approvals of institute, Accreditation of eligible programs, tuition fees approval and vocational courses approval within the stipulated timelines.
15	MHRD & UBA Portal	Y. D. Patel Lecturer, E.E.D.	To handle the MHRD portal for All India Survey on Higher Education and to update the activities of Unnat Bharat Abhiyan within the stipulated timelines.
16	Website	R. J. Patel Sr. Lecturer, Co.E.D.	To ensure unambiguous information is displayed on website, timely updating and maintenance of institute website.
17	ISTE & IE Student and Staff Chapter	H. J. Patel Lecturer, M.E.D.	To enrol the students for ISTE student Chapter and to organize various student oriented activities.

18	Fire Safety	N. C. Rana I/C Head, M.E.D.	To look after the installations for fire safety in the institute and to get the renewal of fire certificate annually.
19	Core Group – Computer Maintenance	P. P. Vaghasiya Head, Co.E.D.	To look after the maintenance and updation of reported Computer and peripherals of institute.
20	Campus Electrical Maintenance, DGVCL liasoning, DG set & Lift maintenance	N. P. Prajapati I/C Head, E.E.D.	To look after the electrical maintenance of reported issues related to electrical appliances, power supply, DG Sets and Lift at institute level and liasoning with State Electricity Board.

• Grievance Redressal mechanism for Faculty, staff and students:

SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED



N. G. PATEL POLYTECHNIC

AT. ISROLI, PO. AFWA, BARDOLI-NAVSARI ROAD, TAL. BARDOLI, DIST. SURAT, PIN - 394620. Phone: 95129 00459

E-mail: svpess@yahoo.com • Website: www.ngpatelpoly.ac.in

Date: 05/01/2023

Ref. No.: NGPP/ESTA/2023/10

CIRCULAR

All HODs/ I/C HODs, Convener, Co-convener and members are hereby informed to take note of the details furnished here and plan accordingly for grievance redressal for staff. This committee will be in force till the changes are made in future.

GRIEVANCE REDRESSAL COMMITTEE / INTERNAL COMPLAINT COMMITTEE FOR STAFF

Sr. No.	Name	Designation
1	Babubhai V. Patel	President, Sardar Vallabhbhai Patel Education Society, Isroli
2	Chintanbhai I. Poonawala	Vice - President, Sardar Vallabhbhai Patel Education Society, Isroli
3	Mohanbhai N. Patel	Secretary, Sardar Vallabhbhai Patel Education Society, Isroli
4	Kartik R. Desai	Principal, N. G. Patel Polytechnic, Isroli
5	Mukesh B. Dhangar	Head, Chemical Engineering Dept.
6	Pratiksha P. Vaghashiya	Head, Computer Engineering Dept.
7	Manoj R. Sirohi	I/C Head, Science & Humanities
8	Nipul C. Rana	I/C Head, Mechanical Engineering Dept.
9	Nilesh P. Prajapati	I/C Head, Electrical Engineering Dept.

Babubhai V. Patel President, SVPE Society, Isroli – Afwa. Mohanbhai N. Patel Secretary, SVPE Society, Isroli – Afwa.

Responsibilities of Grievance Redressal Cell:

- Addressing the grievance of the students and staff.
- Implementation of the corrective steps to be taken to address the grievances and other related matters.

Grievance Redressal mechanism

- Staffs and students can raise grievance through web portal.
- Contact numbers, email IDs of the staff in charge of Grievance Redressal cell are given on student portal, students can contact any of them if they have any grievances.
- On receipt of specific complains/ grievance from a student, the redressal cell meets, analyze the matter and corrective measures are taken wherever necessary.
- All-important institutional information is displayed on college website.
- In case of urgent issue, one can meet concerned officer at any time.

Internal Complaint Committee:

- The college has formed an Internal Complaints Committee (Sexual harassment of women at work place prevention prohibition and redressal act 2013). The composition is as given below:
- ICC is constructed and working for the prevention, prohibition and Redressal of sexual harassment of women/ any kind of grievances at work place as per the guidelines given by the Supreme Court and statutory mandate prohibiting gender discrimination and gazette of India, MHRD (AICTE) dated 10/06/2016.
- Women faculties and girl's students may report to ICC members at any time (24X7 hours) at the time of incidence. ICC information is displayed at the prominent places.

SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED



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Phone: 95129 00459

E-mail: svpess@yahoo.com • Website: www.ngpatelpoly.ac.in



Date: 05/01/2023

Ref. No.: NGPP/ESTA/2023/11

THAR

All HODs/ I/C HODs, Convener, Co-convener and members are hereby informed to take note of the details furnished here and plan accordingly for grievance redressal for students. This committee will be in force till the changes are made in future.

GRIEVANCE REDRESSAL COMMITTEE / INTERNAL COMPLAINT COMMITTEE FOR STUDENTS

Sr. No.	Name	Name Designation	
1	Kartik R. Desai	Principal	NGPP, Isroli
2	Mukesh B. Dhangar	Head	Chemical Engineering
3	Pratiksha P. Vaghashia	Head	Computer Engineering
4	Manoj R. Sirohi	I/C Head	Science & Humanities
5	Nipul C. Rana	I/C Head	Mechanical Engineering
6	Nilesh P. Prajapati	I/C Head	Electrical Engineering
7	Meha S. Patel	I/C Head	Information Technology
8	Snehal M. Pathak	Sr. Accountant	Administrative
9	Shvetal D. Parekh	Librarian	Administrative
10	Students Representative	General Secretary	Student Council
11	Students Representative	Additional General Secretary	Student Council
12	Students Representative	Lady Representative	Student Council
13	Students Representative	Additional Lady Representative	Student Council

Babubhai V. Patel President, SVPE Society, Isroli – Afwa. Mohanbhai N. Patel Secretary, SVPE Society, Isroli – Afwa.

• Establishment of Anti Ragging Committee:

SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED



N. G. PATEL POLYTECHNIC

AT. ISROLI, PO. AFWA, BARDOLI-NAVSARI ROAD, TAL. BARDOLI, DIST. SURAT, PIN - 394620. Phone: 95129 00459

E-mail: svpess@yahoo.com • Website: www.ngpatelpoly.ac.in

Ref. No.: NGPP/ESTA/2023/08 Date: 05/01/2023

CIRCULAR

All HODs/ I/C HODs, Convener, Co-convener and members are hereby informed to take note of the details furnished here and plan accordingly for prevention of ragging. This committee will be in force till the changes are made in future.

Objectives of Anti - Ragging Committee:

To prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or including in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students.

Members of Anti Ragging Committee:

Sr. No.	Position	Name of member	Designation
1	Convener	Kartik R. Desai	Principal
2	Co-convener	Nilesh P. Prajapati	1/C Head, Electrical Engg. Dept.
3	Member	Mukesh B. Dhangar	Head, Chemical Engg. Dept.
4	Member	Pratiksha P. Vaghasiya	Head, Computer Engg. Dept.
5	Member	Nipul C. Rana	I/C Head, Mechanical Engg. Dept.
6	Member	Meha S. Patel	1/C Head, Information Technology

Meeting Frequency: Twice in a semester

Kartik R. Desai Principal,

N. G. Patel Polytechnic,

Isroli - Afwa.

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SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED



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Ref. No.: NGPP/ESTA/2023/09

Date: 05/01/2023

CIRCULAR

All HODs/ I/C HODs, Convener, Co-convener and members are hereby informed to take note of the details furnished here and plan accordingly for prevention of ragging. This committee will be in force till the changes are made in future.

Objectives of Anti – Ragging Squad: To prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or including in rowdy or undisciplined activities by any student or students which causes or it likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students.

Members of Anti Ragging Committee:

Sr. No.	Position	Name of member	Designation
1	Counselor	Manoj R. Sirohi	I/C Head, Science & Humanities
2	Member	Himanshu S. Desai	Lecturer, Chem. Engg.
3	Member	Bhavin Y. Soni	Lecturer, Chem. Engg.
4	Member	Ritesh J. Patel	Lecturer, Comp. Engg.
5	Member	Pinali R. Patel	Lecturer, Comp. Engg.
6	Member	Nikunj G. Mistry	Lecturer, Elect. Engg.
7	Member	Hemal J. Patel	Lecturer, Mech. Engg.
8	Member	Neha C. Chaudhari	Lecturer, Information Technology
9	Member	D. M. Prajapati	Lecturer, Science & Humanities

Kartik R. Desai Principal,

N. G. Patel Polytechnic,

Isroli - Afwa.

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Functions of Anti Ragging Committee:

- To ensure that there is no ragging in the campus or hostel.
- Implementation of Govt./University directives against the menace of ragging.
- To hold periodical meetings with first year student.
- Periodical and surprise visits to hostels.
- Documentation of action taken by the committee.
- Any other related matter.
- Establishment of Online Grievance Redressal Mechanism

Link: https://www.ngpatelpoly.ac.in/grievance-system

• Establishment of Committee for SC/ST

SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED



N. G. PATEL POLYTECHNIC

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Date: 05/01/2023

Ref. No.: NGPP/ESTA/2023/12

CIRCULAR

All HODs/ I/C HODs, Convener, Co-convener and members are hereby informed to take note of the details furnished here about the SC ST Cell and plan accordingly for implementation of Reservation Policy and Sought for information at institute level. This committee will be in force till the changes are made in future.

Objectives SC ST Cell:

To implement Reservation Policy and Sought for information under the SC ST Cell and college/institute level as per the guidelines of Gujarat Technological University vide circular no. GTU SC-ST Cell/2013 dated 24/11/2013.

Members of SC ST Cell:

Sr. No.	Position	Name	Designation
1	Convener	Kartik R. Desai	Principal, N. G. Patel Polytechnic, Isroli
2	Co-convener	Mukesh B. Dhangar	Head, Chemical Engineering Department
3	Member	Mahendra G. Vasava	Lecturer, Electrical Engineering Department
4	Member	Pinali S. Patel	Lecturer, Computer Engineering Department
5	Member	Neha C. Chaudhari	Lecturer, Information Technology

Meeting Frequency: Once in a semester

Kartik R. Desai

Principal, N. G. Patel Polytechnic, Isroli – Afwa.

• Internal Quality Assurance Cell

SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED



N. G. PATEL POLYTECHNIC

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Ref. No.: NGPP/ESTA/2023/11

Date: 05/01/2023

CIRCULA

It is hereby informed to take note of the details furnished here related to Internal Quality Assurance Cell (IQAC) with effect from the date of circular. This committee will be in force till the changes are made in future.

Objectives of the IQAC are:

1. To ensure continuous improvement in the entire operations of the college, and

 To assure stakeholders connected with higher education – namely, students, parents, teachers, staff, employer, funding agencies and society in general – of the accountability of the college for its own quality and integrity.

The functions of the IQAC are:

- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the college.
- 2. Dissemination of information on the various quality parameters.
- 3. Organization of workshops, seminars on quality related themes.
- 4. Documentation of the various programmes / activities leading to quality improvement.

Members of Internal Quality Assurance Cell (IQAC):

Sr. No.	Name of member	Designation	Position
1	Kartik R. Desai	Principal	Chairperson
2	Babubhai V. Patel	President, SVPE Society	Member
3	Mukesh B. Dhangar	Head, Chemical	Member
4	Pratiksha P. Vaghasiya	Head, Computer	Member
5	Nilesh P. Prajapati	Head, Electrical	Member
6	Manoj R. Sirohi	Head, S&HD	Member
7	Kiransinh N. Desai	Sr. Lecturer, S&H	Member
8	Anil D. Patel	Lecturer, MED	Member
9	Nitin K. Modi	Adhoc Lecturer, S&HD	Member
10	Nevil S. Patel (Administrative Official)	Office Superintendent	Member
11	Amit Patel	Founder Director, UGES Powermax (P) Ltd., Vadodara	Member
12	Ravindra Mistry	CEO, Unistar Softtech Pvt. Ltd., Bardoli	Member
13	Nipul C. Rana	Sr. Lecturer, MED	Member Secretary

M. N. Patel Secretary, Sardar Vallabhbhai Patel Education Society, Isroli, Bardoli

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6. Programmes:

- Name of Programmes approved by AICTE:
 - 1. Diploma in Chemical Engineering
 - 2. Diploma in Computer Engineering
 - 3. Diploma in Electrical Engineering
 - 4. Diploma in Information Technology
 - 5. Diploma in Mechanical Engineering
 - D.Voc. in Production Technology
 - D.Voc. in Software Development
- Name of Programmes Accredited by NBA:
 - 1. Diploma Chemical Engineering (for 3 years i.e. up to 30/06/2024)
 - 2. Diploma Computer Engineering (for 3 years i.e. up to 30/06/2024)
- Details of Program approved by AICTE:

Name of Program	:	: Diploma in Chemical Engineering						
Number of Seats	:	120 seats / year	r					
Duration	:	1 0 - 2 11120						
Cut off Marks/Ranks of admission during last three years: (Closing Merit Rank)								
Particulates		2022-23	20	21-22	2020-21			
OPEN		1025150006	1024	150021	6370015			
SC		52129	50	0444	23139			
ST		1025150008	1025	150034	36298			
SEBC		50395	38	8252	33327			
TFWS		6046	4	493	636			
EWS		7157	15927		32587			
Fees	:	44,000 Rs. / Yo	ear (As approved by FRC, Ahmedabad)					
Placement Facility	:	Industry Institu	ition Cell, B	on Cell, Board Room, Counselling sessions.				
Campus placement in	last	three years:						
Particul	ates		2022-23	2021-22	2020-21			
No. of students placed			40	24	36			
Minimum Salary (Rs. In Lakh)			2.0	2.0	2.0			
Maximum Sa	lary	(Rs. In Lakh)	4.0	4.0	4.0			
Average Sa	lary	(Rs. In Lakh)	3.0	3.0	3.0			

Name of Program	:	Diploma in Computer Engineering					
Number of Seats	:	120 seats / year (F	120 seats / year (From Academic year 2022-23)				
Duration	:	3 Years	3 Years				
Cut off Marks/Ranks of admission during last three years:							
Particulates		2022-23	2022-23 2021-22 2020-21				
OPEN		51521 1025150019 6370011					
SC		26983 1025150020 10906					
ST		40497	50211	10360			

SEBC		52021	29256		36323	
TFWS		587	1539			707
EWS		20764	18527			23362
Fees	••	44,000 Rs. / Year	(As approved by FRC, Ahmedabad)			lbad)
Placement Facility	••	Industry Institutio	on Cell, Board Room, Counselling sessions.			ng sessions.
Campus placement in	last	three years:				
Partice	es	2022-23	2021	-22	2020-21	
N	03	12	2	9		
Minimum	ary (Rs. In Lakh)	1.0	1.0)	1.0	
Maximum	1.0	1.0)	1.0		
Average	ary (Rs. In Lakh)	1.0	1.0)	1.0	

Name of Brown		Dinloma in Floar	trical Engineer	ina				
Name of Program	:	1 8 8						
Number of Seats	:	: 60 seats / year						
Duration	:	: 3 Years						
Cut off Marks/Ranks	of a	dmission during la	ast three years:					
Particulates		2022-23	2021-22	2		2020-21		
OPEN		38225	10251500	09		38721		
SC		36212	41665			6370009		
ST		51616	50828		51493			
SEBC		38792	39644		33018			
TFWS		12020	5441		6146			
EWS								
Fees	:	44,000 Rs. / Year	(As approved by	y FRC, A	hmeda	lbad)		
Placement Facility	:	Industry Institutio	n Cell, Board Ro	oom, Cou	ınsellir	ng sessions.		
Campus placement in	last	t three years:						
Particulates			2022-23	2021-	-22	2020-21		
No. of students placed			29	71		34		
Minimum Salary (Rs. In Lakh)			1.0	1.0)	1.0		
Maximum Salary (Rs. In Lakh)			2.0	2.0)	2.0		
Average	Sal	ary (Rs. In Lakh)	1.5	1.5	,	1.5		

Name of Program	:	: Diploma in Information Technology				
Number of Seats	:	60 seats / year (Year of Start 2022-23)				
Duration	:	3 Years				
Cut off Marks/Ranks of admission during last three years:						
Particulates		2022-23	2021-22	2020-21		
OPEN		1025150001				
SC		30640				
ST		51369	Not			
SEBC		38240	Applicable			
TFWS		1880				
EWS		12437	12437			
Fees	:	44,000 Rs. / Year (As approved by FRC, Ahmedabad)				
Placement Facility	:	Industry Institution Cell, Board Room, Counselling sessions.				
Campus placement in	last	t three years:				

Particulates	2022-23	2021-22	2020-21
No. of students placed			
Minimum Salary (Rs. In Lakh)		Not	
Maximum Salary (Rs. In Lakh)		Applicable	
Average Salary (Rs. In Lakh)			

Name of Program	:	: Diploma in Mechanical Engineering						
Number of Seats	:	: 60 seats / year						
Duration	:	: 3 Years						
Cut off Marks/Ranks	of a	dmission during la	ast three years:					
Particulates		2022-23	2021-22	2		2020-21		
OPEN		52155	10251500	29		6370008		
SC			42371			6370014		
ST		1025150010	41384		6370013			
SEBC		23038	39691		6370012			
TFWS		12991	4330			5054		
EWS					36941			
Fees	:	44,000 Rs. / Year	(As approved by FRC, Ahmedabad)			.bad)		
Placement Facility	:	Industry Institutio	n Cell, Board Ro	oom, Cou	ınsellir	ng sessions.		
Campus placement in	last	three years:						
Partice	ulate	es	2022-23	2021-	-22	2020-21		
No. of students placed			13	43	1	33		
		ary (Rs. In Lakh)	1.0	1.0)	1.0		
Maximum Salary (Rs. In Lakh)			2.0	2.0)	2.0		
Average	Sal	ary (Rs. In Lakh)	1.5	1.5	·)	1.5		

7. Faculty:

Sr. No.	Name of Faculty	Designation	Department
1	Kartik R. Desai	Principal	**
2	Mukesh B. Dhangar	Head of Department	Chemical Engg.
3	Himanshu S. Desai	Sr. Lecturer	Chemical Engg.
4	Parul K. Patel	Lecturer	Chemical Engg.
5	Riya B. Bhandari	Lecturer	Chemical Engg.
6	Rinal S. Patel	Lecturer	Chemical Engg.
7	Swati P. Pal	Lecturer	Chemical Engg.
8	Zinal J. Patel	Adhoc Lecturer	Chemical Engg.
9	Megha M. Vaghela	Adhoc Lecturer	Chemical Engg.
10	Divya R. Gamit	Adhoc Lecturer	Chemical Engg.
11	Bhavin Y. Soni	Adhoc Lecturer	Chemical Engg.
12	Pratiksha P. Vaghashiya	Head of Department	Computer Engg.
13	Ritesh J. Patel	Sr. Lecturer	Computer Engg.
14	Maitri N. Joshi	Lecturer	Computer Engg.
15	Monika M. Chauhan	Adhoc Lecturer	Computer Engg.
16	Krishna N. Mistry	Adhoc Lecturer	Computer Engg.
17	Krati H. Sharma	Adhoc Lecturer	Computer Engg.

20 Bhagvati D. Patel Adhoc Lecturer Com	nputer Engg.
	nputer Engg.
21 Mitail F. Patel Adhoc Lecturer Conf	nputer Engg.
22 Vaibhavi G. Chaudhari Adhoc Lecturer Com	nputer Engg.
23 Nilesh P. Prajapati Head of Department Elect	trical Engg.
24 Nikunj G. Mistry Lecturer Elec	trical Engg.
25 Rakesh H. Maisuriya Lecturer Elec	ctrical Engg.
26 Yagnesh D. Patel Lecturer Elec	ctrical Engg.
27 Nirav C. Pandya Adhoc Lecturer Elec	trical Engg.
28 Mahendra G. Vasava Adhoc Lecturer Elec	etrical Engg.
29 Purvang R. Chauhan Adhoc Lecturer Elec	ctrical Engg.
30 Meha S. Patel Head of Department Inform	nation Tech.
31 Neha C. Chaudhari Adhoc Lecturer Inform	mation Tech.
32 Hima S. Mistry Adhoc Lecturer Inform	mation Tech.
33 Bhumika L. Chaudhari Adhoc Lecturer Inform	mation Tech.
34 Nipul C. Rana Head of Department Mecha	anical Engg.
35 Hiren R. Mistry Sr. Lecturer Mech	nanical Engg.
J	nanical Engg.
37 Anil D. Patel Lecturer Mech	nanical Engg.
	nanical Engg.
	nanical Engg.
40 Kunal N. Solanki Adhoc Lecturer Mech	nanical Engg.
41 Kuldip J. Gohil Adhoc Lecturer Mech	nanical Engg.
42 Manoj R. Sirohi Head of Department Science	& Humanities
/ 1	& Humanities
	& Humanities
45 Nitin K. Modi Adhoc Lecturer Science	& Humanities
43 Nitifi K. Modi Adrioc Lecturer Science	
	& Humanities

8. Profile of Principal:

Name of Faculty	:	Kartik Rameshch	nandra Desai	N 3000 15
Date of Birth	:	07/01/1974		100
Designation	:	Principal		
Date of Joining	:	02/12/1999		
Unique ID	:	1-460477485		
Education Ovalification		M. Tech.		
Education Qualification	•	(Chemical Engine	(Chemical Engineering – Gold Medalist)	
		Work Expe	rience	
Teaching		Research	Industry	Others
24 Years				
Area of Specialization	:	Chemical Engineering		
Subjects Taught	:	Chemical Reaction Engineering		

(At Diploma Level)		Chemical Engineering Plant Economics
		Petroleum Refining & Petrochemical Technology
No. of papers published	:	04
(Journal, conferences)		
No. of Book Published	:	
(With all details like		
Name, Publisher, ISBN		
and Year of Publication)		

9. Fee:

- Adhoc Fees approved by Fee Regulatory Committee, Ahmedabad for the academic year 2023-24 is 46,500/-.
- Fees approved by Fee Regulatory Committee, Ahmedabad: 44,000/- for the for: Years 2019-2020, 2018-2019 & 2017-2018 (Cont. due to pandemic)
- Time Schedule for payment of fee for the entire program: 3 Years
- Number of Fee waiver granted with name of students:

CHEMICAL ENGINEERING DEPARTMENT							
Particulars	2022-23	2021-22	2020-21				
No. of Fee Waiver students	5	3	3				
	Patel Meet	Henil Mistry	Ruchit Patel				
	Patel Mihir	Jaydip Patel	Krishna Thakkar				
Name of Students	Patel Harsh	Priyank Patel	Hardip Jid				
	Mandanka Meet						
	Morker Moksh						
Amount (per student)	44,000/-	44,000/-	44,000/-				

COMPUTER ENGINEERING DEPARTMENT					
Particulars 2022-23 2021-22 2020-2					
No. of Fee Waiver students	4	2	2		
	Patel Devam	Afsana Patel	Safwan Tai		
	Chaudhary	Kushal Shethna	Vishal Narigara		
Name of Students	Shivam				
	Patel Krushang				
	Naik Dev				
Amount (per student)	44,000/-	44,000/-	44,000/-		

ELECTRICAL ENGINEERING DEPARTMENT					
Particulars 2022-23 2021-22 2020-21					
No. of Fee Waiver students	3	3	2		
Name of St. January	Chaudha r i Kaushal	Pritesh Prajapati	Kartavya Patel		
Name of Students	Chaudhari Prince	Saty Patel	Uday Solanki		
	Konkani Neel	Keyuri Patel			
Amount (per student)	44,000/-	44,000/-	44,000/-		

INFROMATION TECHNOLOGY DEPARTMENT					
Particulars 2022-23 2021-22 2020-21					
No. of Fee Waiver students	2				
Name of Students	Rana Shreya	N	ot		
Name of Students	Nayak Mayank Applicable				
Amount (per student) 44,000/-					

MECHANICAL ENGINEERING DEPARTMENT					
Particulars 2022-23 2021-22 2020-21					
No. of Fee Waiver students	3	2	2		
N	Gurjar Jainam	Harsh Devnath	Yashvardhan Varde		
Name of Students	Mistry Henil	Fiyansh Diveliya	Suresh Gamit		
	Gamit Vivek				
Amount (per student)	44,000/-	44,000/-	44,000/-		

- Number of scholarship offered by the Institution, duration and amount: NIL
- Criteria for Fee waivers/scholarship:

For Fee Waiver Scheme:

- 1. Income as per the rules of Admission Committee for Professional Diploma Courses (ACPDC).
- 2. Income Certificate from concerned authority.
- 3. Merit marks of Maths, Science and English in Standard 10th (Out of 300)

For Scholarship:

- 1. Income as per the rules of Admission Committee for Professional Diploma Courses (ACPDC).
- 2. Income Certificate from concerned authority.
- 3. Caste Certificate from concerned authority.
- 4. For SEBC candidates, Non-Creamy layer certificate from concerned authority.
- 5. Merit marks of Maths, Science and English in Standard 10th (Out of 300)
- Estimated cost of Boarding and Lodging in Hostels: Rs. 50,000/- per Year
- Any other fess: NIL

10. Admission

Number of seats sanctioned with the year of approval

Sr. No.	Name of Department	Approved Intake (2022-2023)
1	Chemical Engineering	120
2	Computer Engineering	120
3	Electrical Engineering	60
4	Information Technology	60

5	Mechanical Engineering	60
	Total Intake (Per Year)	420

• Number of Students admitted under various categories each year in the last three years:

C	CHEMICAL ENGINEERING DEPARTMENT				
Category	Category 2022-23 2021-22 2020-21				
OPEN	33	57	84		
SC	6	3	3		
ST	29	26	15		
SEBC	20	10	33		
TFWS	5	3	3		
Total	93	99	138		

COMPUTER ENGINEERING DEPARTMENT						
Category	Category 2022-23 2021-22 2020-21					
OPEN	71	38	39			
SC	6	4	4			
ST	21	7	7			
SEBC	21	16	15			
TFWS	4	2	2			
Total	123	67	67			

ELECTRICAL ENGINEERING DEPARTMENT				
Category	2022-23	2021-22	2020-21	
OPEN	11	20	18	
SC	5	6	8	
ST	48	37	32	
SEBC	4	4	3	
TFWS	3	3	2	
Total	71	70	63	

INFORMATION TECHNOLOGY DEPARTMENT							
Category	Category 2022-23 2021-22 2020-21						
OPEN	42						
SC	SC 2						
ST	5	Not					
SEBC	11	applicable					
TFWS	2						
Total	62						

MECHANICAL ENGINEERING DEPARTMENT				
Category 2022-23 2021-22 2020-21				
OPEN	20	32	41	
SC	0	3	1	
ST	22	16	9	
SEBC	2	9	4	

TFWS	3	2	2
Total	47	62	57

11. Admission Procedure

- The candidate seeking admission after SSC must apply at Gujarat "Admission Committee for Professional Diploma Courses (ACPDC)". A grand merit list is prepared and Candidates get admission in branches of their choices at various colleges of Gujarat according to merit in council.
- Admission Inquiry Link: <u>www.acpdc.in</u>
- Admission Registration Link: www.gujdiploma.nic.in
- 50% of seats will be filled by Admission Committee for Professional Diploma Courses (ACPDC), State Quota.
- 50% of seats will be filled by Management, at institute level.
- All seats under TFWS will be filled by ACPDC.
- TFWS*: Tuition Fee Waiver Scheme

12. Criteria and Weightages for Admission

- Eligibility for Admission: SSC Pass with minimum 35%
- For Merit, marks of Maths, Science and English will be considered (out of 300)
- Admission through online process of ACPDC.
- Admission in Management Quota as per the Guidelines of ACPDC.

13. Information of Infrastructure and Other Resources Available

• Number of Class Rooms and size of each

Sr. No.	Room ID	Carpet Area (m ²)
1	CH-11	67.68
2	CH-13	72.00
3	CH-14	56.00
4	CH-17	94.40
5	CH-18	93.60
6	CH-22	69.60
7	CH-23	56.00
8	M-5	94.40
9	M-14	57.60
10	M-15	58.64
11	M-17	56.00
12	M-21	58.10
13	M-22	58.40
14	M-23	57.60
15	M-24	58.64
16	M-25	70.00
17	E-11	69.60
18	E-14	57.60
19	E-15	56.54

20	E-26	62.80
21	E-27	62.40

• Number of Tutorial rooms and size of each

Sr. No.	Room ID	Carpet Area (m²)
1	M-26	56.00
2	M-28A	31.73
3	M-28B	31.73
4	M-28C	31.73

• Number of Laboratories and size of each

Sr. No.	Room ID	Name of Laboratory	Carpet Area (m²)
1	CH-1	P. R. & P. T. LAB	48.08
2	CH-2	M. O. LAB	70.00
3	CH-3	FT LAB	73.46
4	CH-4	U. & I. C. P. L& C. P. I. LAB	73.46
5	CH-5	MT LAB	63.46
6	CH-7	H. T. O. LAB	70.40
7	CH-9	O. C. & E. M. LAB	53.60
8	CH-10	P. A. I. C. LAB	53.60
9	CH-12	CIVIL LAB	48.00
10	CH-15	PHYSICS LAB	46.00
11	CH-16	S. &. E. T. LAB	55.00
12	M-1	S. M. & E. M. LAB	57.60
13	M-2	M. T. LAB	60.00
14	M-6	THERMAL LAB	84.40
15	M-7	F. M. H. M. LAB	120.00
16	M-11	COMPUTER LAB	58.10
17	M-12	CAD LAB	66.45
18	M-16	M. & I. / T. O. M. LAB	65.00
19	E-6	MACHINE LAB	182.20
20	E-7	INSTRUMENTAION LAB	64.60
21	E-8	BASIC ELECTRICAL LAB	52.60
22	E-16	POWER SYSTEM LAB	57.80
23	E-17	BE&P LAB	57.40
24	E-18-B	COMPUTER PROJECT LAB	72.00
25	E-19	COMPUTER LAB	107.10
26	E-21B	M&M LAB	59.60
27	E-24	IT LAB 1	37.60
28	E-25	IT LAB 2	56.54
29	WL-1	CAM LAB	48.04

• Number of Drawing Halls with capacity of each:

Sr. No.	Room ID	Name of Area	Carpet Area (m²)
1	M-18-A	DRAWING HALL	135.00

• Number of Computer Centers with capacity of each:

Sr. No.	Room ID	Name of Area	Carpet Area (m²)
1	E-28	COMPUTER CENTER	170.00

• Central Examination Facility, Number of rooms and capacity of each:

Sr. No.	Room ID	Name of Area	Carpet Area (m²)
1	M-3-A	EXAM CONTROL ROOM	32.66

NOTE: during exams the classrooms are utilized as seating blocks for students.

- Online examination facility (Number of Nodes, Internet bandwidth, etc.): Not Applicable
- Barrier Free Built Environment for disabled and elderly persons: Available
- Occupancy Certificate: Available
- Fire and Safety Certificate: Available
- Hostel Facilities: Available (80 student's capacity)
- Library
- Number of Library books/ Titles/ Journals available (Programme-wise)

Program	Volume	Title
Chemical Engineering	1286	630
Computer Engineering & Information Technology	1801	892
Electrical and Electronics Engineering	4049	1471
Mechanical Engineering	2732	949
Science & Humanities	3167	714
Miscellaneous	326	297
Total	13361	4953

• List of National / International Journals and Magazines subscribed:

Sr. No.	Title of Journals
1	International Journal of Chemical Studies
2	Chemical Industry Digest
3	Pumps India

4	International Journal of Mechanical & Thermal Engg.
5	Journal of Recent Activities in Production
6	Electrical India
7	Ieema Journal
8	Engineering Success Review
9	Digit
10	Cyber Safar
11	Journal of Information Technology and Sciences
12	Recent Trends in Artificial Intelligence & its applications
13	Sarvottam Karkirdi Margdarshan
14	Compitition Success Review
15	Safari
16	Grihsobha
17	Navneet Samarpan
18	Sikshan Sarvada

• National Digital Library (NDL) subscription details:

Club Name : N. G. Patel Polytechnic Registration No. : INGJNCJPVQ5HTUM Patron : Kartik R. Desai, Principal

President : Manoj R. Sirohi, Head - Science & Humanities Department

Secretary : Shwetal H. Tragad, Librarian

Executive Member : Riya B. Bhandari, Lecturer – Chemical Engineering Department

Laboratory and Workshop:

• List of Major Equipment/Facilities in each Laboratory/Workshop

Name of Laboratory	Major Equipment's
	Abel's Flash Point Apparatus.
	Pensky Marten's Flash Point Apparatus.
	Ring & Ball Apparatus.
	Conradson Apparatus.
	Redwood Viscometer.
PR&PT LAB	Could & Pour Point Apparatus.
FREFILAD	Penetro Meter.
	Rams botoms Apparatus.
	Engler Viscometer.
	Saybolt Viscometer.
	Smoke Point Apparatus.
	ASTM Distillation Set Up
	Cyclone Separator.
	Roll Crusher.
MO LAB	Centrifugal Machine.
	Poltech Make High Volume Sampler
	Poltech Make Stack Monitoring Kit

	Yash Stack Monitoring Kit
	Yash High Volume Air Sampler
	Plate & Frame Filter Press.
	Ball Mill.
	Vibrating Screen.
	Double Cone Mixer.
	Froth Flotation Cell.
	Sieve Shaker.
	Weight Balance (500gm)
	Weight Balance (1000gm)
	Vacuum Filtration with Pump(New)
	Vacuum Filtration with Pump(Old)
	Steam Distillation
	Heating Mantel (2 pec.)
	Magnetic Stirrer With Hot Plate
	Magnetic Stirrer With Hot Plate
	Fixed Bed Adsorption
	Rotary Drier
	Tray Drier
	Absorption in Packed Column with Compressor
	Vapour Liquid Equilibrium Apparatus
	Batch Crystalizer
NOTE AD	Water Cooling Tower With compressor
MT LAB	Diffusion co-efficient
	Distillation (Fractional Distillation)
	DifferentialDistillation (Glass Setup)
	Electronic Weighing Scale
	Double Wedge Polari Meter
	Ion Exchanger Unit
	RO with Cooler
	Perma Pilot Plant
	Fluidization
	Muffle Furnace
	Tullu Water pump
	ABC Type Fire extinguser
	"HEM" make Temp. Controller With Thermister Sensor
	Hg Filled Temp.Gauge
	Bimettalic Temp.Gauge
	Digital Multimeter
He IOD LAD	Toshniwal RTD-100-3 Wire
U&ICP LAB	RTD-100-2 Wire Simplex
	Thermocouple K Simplex
	Thermocouple T Simplex
	Thermocouple J Simplex
	Temp. Sensor
FT LAB	General Glass Wares
1.1.1710	Octional Otabb Water

	General Chemical Reagents
	Heat Transfer through Composite Wall.
	Thermal Conductivity of Insulating Powder
	Stefan Boltzman Apparatus.
	Baby Boiler.
	Finned Tube Heat Exchanger.
	Shell & Tube Heat Exchanger.
	Heat Transfer in Agitated Vessel.
HT LAB	Tripple Effect Evaporator.
	Overhead Projector.
	Vertical Condenser
	Horizontal Condenser
	Bare and Leg pipe
	Heating Bath
	Steam Strap
	Pressure Gauge (2 piece)
	B.O.D Incubator
	Bomb Colorimeter
	C.O.D Digester
	Digital Spectrophotometer
	Digital Weighing Balance
	Water Shaker Bath
	Ultra Sonic Bath
	Digital Photoelectric Colorimeter
	Distill Water Generator
S&ET LAB	Dry chemical Powder Type(F.E)
	Soda Acid (9lit.F.E)
	Foam Type(9lit.F.E)
	CO ₂ Type 3Kg(F.E)
	B.C.F Type 2Kg(F.E)
	71 00 /
	pH Meter
	Refrigerator
	Centrifuge Machine
	Temperature Controller
	Bottle Top Dispenser
	Pedulum Impact testing machine
	FIE ' Electronic Universal testing machine
	Winch Crab Single Purchase
	Parallogram of forces Apparaturs
SM/EM LAB	Polygon & Trainagle of forces Apparaturs
	Polygon forces Apparaturs
	Parallel forces Apparaturs
	Weights TOTAL 20 Kgs.
	Winch Crab Double Purchase
	Trinocular Metallurgical Microscope
MT LAB	Rockwell Cum BrinellHardness testing machine
	Mockwell Culli Difficili faturiess resuring machinic

	EIE lightweight muffle furnace
	Polishing machine
	Rockwell Hardness testing machine
	Dimond indentor
	Shewharts Bowl and chips
	Plastic balls
	Wooden Scoop
	Sampling rack with washers
	Icosahedrons
	Two handed process chart
	String diagram
	Plant layout (Wooden board)
	Stop watch
	Four stroke four cylinder Petrol engine
	Single cylinder four stroke Diesel
	Domestic Refrigerator test rig
	Air conditioner test rig.
	Control Panal for Package Air Conditioner Plant
	Two Stage Air Compressor Test Rig.
	1.Model of four stroke Petrol engine
	2.Model of two stroke Petrol engine.
	3.Model of four stroke Diesel engine
Thermal/PPE/EOME	1.Model of Lancashire boiler
LAB	2.Model of Babcox and wilcox boiler
	3.Model of Cochran boiler
	4.Model of Vertical water tube boiler
	Steam engine model with a boiler
	Mechanical charts
	1.Boiler mounting and accessories
	2.Gas turbine
	3.Hydraulic turbine
	4.Refrigeration cycle
	5.Steam power plant cycle
	Hydraulic Lab equipments
	Venturimeter apparatus
	Orificemeter apparatus
	V-notch/Rectangular notch apparatus
	Bernoulli's apparatus
EMHM I AR	Open orifice apparatus
FMHM LAB	Friction head loss measuring apparatus
	Impect of jet apparatus
	Reynold's number apparatus
	Single stage centrifugal test rig.
	Francis Turbine test rig.
	Reprocating Pump Test Rig
COMPUTER LAB	Computer: P-III, 700 Mhz (13 Nos.)

	Computer: P-4, 1.3 Ghz
	Computer: P-4, 2.4 Ghz (13 Nos.)
	Computer: P-4, 3.2 Ghz (13 Nos.)
	Window Air Conditioner (2 Ton 2 Nos.))
	Capri Stabilizer 5 KVA (2 Nos.)
	BENQ CD ROM
	Micro - Phone With Headphone
	Computer: HCL, Core 2 DUO 2.80 Ghz (40 Nos.)
	Capri Stabilizer 5 KVA (2 Nos.)
CAD LAB	Portalbe DVD R/W USB
	Sukam 10 KVA Online UPS (2 Nos.)
	Exide 100AH/12V Battery
	Measuring Instument
	a.Inside Micrometer (50-250 mm)
	b.Depth Micrometer (0-100 mm)
	c.Telescopic gauge
	d.Bore gauge (35-50 mm)
	e.Bevel protector
	f.Small hole gauge
	g.Screw thread Micrometer (0-25 mm)
	h.Slipe gauge set 83 pcs
	I.Dail gauge with magnatic stand
	j.Gear tooth vernier
	k.Sine bar
	Measuring Instuments
	a.Verniar Calliper (0-300)
M&I & TOM LAB	b.Verniar Depth gauge
	c.Out side Micrometer (0-25 mm)
	d.Out side Micrometer (25-50 mm)
	e.Out side Micrometer (50-75 mm)
	Measuring Instument
	a.Inside Micrometer (50-300 mm)
	b.Depth Micrometer (0-25 mm)
	c.Telescopic gauge
	d.Bevel protector
	e.Dail gauge with magnatic stand
	f.Verniar Calliper (0-300)
	g.Outside Micrometer (0-25 mm)
	d.Out side Micrometer (25-50 mm)
	GO-Not GO Thread gauge
	GO-Not GO limit gauge
	Snap gauge
	D.M.E.Lab Cut models
DME 9 TOOL LAD	Flange coupling
DME & TOOL LAB	Rocker arm lever
	Plummer block
	•

	Turn buckle
	Mechanical charts
	1.Elements of jigs and fixtures (Clamping device)
	2.Elements of jigs (Drill bushes)
	3.Milling cutter - II
	4.Sheet metel tools - I
	5.Lathe parts
	6.Sheet metel tools - II
	7.Taper turning
	8.Screw cutting in lathe
	9.Milling cutter - I
	10.Elements of jigs and fixtures (Locating device)
	11. Elements of jigs and fixtures (Indexing device)
	Drawing tables
	Drawing stools
	DC Shunt Motor and DC Shunt Generator Set
	DC Shunt Motor and DC Series Generator Set
	DC Shunt Motor & DC compound Generator Set
	3Ø Slipring Induction Motor
	3Ø Pole Changing Induction Motor Trainer
	DC Shunt Motor
	Cut Model of DC Shunt Motor
	1Ø Induction Motor: 2 HP
	3Ø Synchronous Motor
	3Ø Induction Motor
	D.C Series Motor
	1Ø Transformer
	1Ø Double Wound Isolation Transformer
	3Ø Transformer
ELECTIRICAL	1Ø Portable Manual Auto Transformer 28 D- 1P 7.56KVA
MACHINE	1Ø Portable Manual Auto Transformer 20 D-1P 5.4KVA
LAB	1Ø Portable Manual Auto Transformer
L_{L} L_{D}	1Ø Continuously Variable Voltage Auto Transformer
	3Ø Continuously Variable Voltage Auto Transformer
	3Ø Continuously Variable Voltage Auto Transformer
	3Ø Loading Rheostate
	1Ø Preventer. 40 Amp.
	(A) Rheostate 24 Ohm, 10 Amp.
	(B) Rheostate 290 Ohm, 1.5 Amp.
	(C) Rheostate 200 Ohm, 4 Amp.
	(D) Rheostate 300 Ohm, 2.8 Amp.
	(A) Rhoostate 300 Ohm, 1.0 Amp.
	(A) Rheostate 300 Ohm, 4 Amp.
	(B) Rheostate 290 Ohm, 1.5 Amp.
	"Siemens " Air Break (Aux.) Contactor
	" Siemens " Over Load Relay

" Selectron " Timer
" Siemens " Timer
a) Analog type, Dial rotating disk type indicator,
b) Digital phase sequence indicator,
3Ø Synchroscope:
3Ø Squirrel Cage Induction Motor coupled with D.C Shunt
Generator Set
3Ø Slipring Induction Motor and DC Shunt Generator Set
DC Shunt Motor and 3Ø Alternator with exciter set
Rectifier Unit
A.C./D.C. Supply Pannel For M/C Lab.
Volt Meter (D.C): 0 - 150 / 300 Volts
Volt Meter (D.C): 0 - 300 / 600 Volts
Ammeter (D.C): 0 - 1 / 2 Amp
Ammeter (D.C): 0 - 1 / 27tmp Ammeter (D.C): 0 - 5 / 10 Amp
Ammeter (D.C): 0 - 15 / 30 Amp
Moving Iron Type A.C / D.C Volt Meter: 0 - 300 / 600 Volts
Moving Iron Type A.C / D.C Volt Meter: 0 - 300 / 300 Volts
Moving Iron Type A.C / D.C Ammeter: 0 - 1 / 2Amp.
Moving Iron Type A.C / D.C Ammeter: 0 - 1 / 2/Amp. Moving Iron Type A.C / D.C Ammeter: 0 - 3Amp.
Moving Iron Type A.C / D.C Ammeter: 0 - 5Amp. Moving Iron Type A.C / D.C Ammeter: 0 - 5 / 10Amp.
Moving Iron Type A.C / D.C Ammeter: 0 - 10 / 20Amp.
Dynamometer Type Watt Meter (AC/D.C) - (Kew)
(1) 5 - 10 Amp. 300 - 600 Volts 6000 W
(2) 10 - 20 Amp. 300 - 600 Volts 12000 W
(3) 1 - 2 Amp. 150 - 300 Volts 600 W
(4) 10 - 20 Amp. 15 - 30 Volts 600 W
2 Element Type Dynamometer Type Watt meter:
5 - 10 Amp. 300 - 600 Volts 6000 W
Single Element Dynamometer type Wattmters
i. 62.5/125/250V-5/10A (0 - 300 W)
ii. 62.5/125/250V (0 - 600 W)
iii. 125/250/500V-2.5/5A (0 - 300 W)
Dynamometer Type Power factor Meter
Power Factor Meter
Watt Meter Dynemometer Type
Indicating Pointer Type Frequencymeter
Digital Multimeter
Digital Clamp Meter
Analog Multimeter
Dynemometer Type P.F Meter:
P.F Meter:
Digital Techometer. Photo\ Contact.
Analog Hand Techometer
Analog Hand Techometer
M. I. Type Voltmeter: 0 - 600V

	M. I. Type Ammeter: 0 - 30A
	D.O.L Starter
	Knife Switches:
	(1) T.P.D.T Switch
	(2) T.P.S.T Switch
	(3) D.P.D.T Switch
	(4) D.P.S.T Switch
	(5) S.P.S.T Switch
	(6) S.P.D.T Switch
	Schering Bridge
	Hey's Bridge
	Whestone's Bridge
	Kelvin's Double Bridge
	(1) Light spot Galvenometer
	(2) Conductor Clamp
	Maxwell's Bridge
	Whestone's Bridge
	D.C Potentio Meter:
	D.C Potentio Meter:
	Volt ratio box (with four stages) Type; 9407B
	Volt accumulator (const.voltage source)-9407 C
	Light spot galvanometer Type: 9407 A
	Volt ratio box
	Strain Gauge
	Synchro Transmitter Receiver Pair:
	L C R Meter
INSTRUMENTATION	A.C Position Servo Stabilizer
LAB	Linear Variable Differential Transformer (LVDT)
LAD	Sine Square Wave Oscillator
	1Ø Dual O/P DC power supply
	1Ø Energy Meter
	1Ø Energy Meter
	3Ø Energy Meter
	1Ø Energy Meter
	Decade Resistance Boxes
	(1) Fixed Inductor Boxes 500 Micro Henery 750 m.a. 502 D
	(2) Fixed Inductor Boxes 100 Micro Henery 100 m.a. 502 L
	(2) Fixed Inductor Boxes 10 Micro Henery 100 m.a. 502 H
	1Ø Continously Variable Voltage
	Ammeters: 0-100 MA
	Ammeters: 0-500 MA
	Voltmeter: 0-50 V
	Volt Meter 0 - 150 / 300 / 600 Volts
	Demonstration Type 0 TO 100 V
	Demonstration Type 0 TO 500 V
	Voltmeter (DC) 0-125/250V

	Ammeter (DC) 0-250/500mA
	Ammeter (DC) 0-50/100mA
	Dynamometer type WATTMTERS125/250/500V-2.5/5A (0 -
	300 W)
	Dynamometer type WATTMTERS125/250/500V-5/10A (0 -
	600 W)
	Digital Multimeter
	Digital Clamp Meter
	Digital Storage Oscliscope
	Function Generator
	1Ø DC Power Supply
	1Ø Auto Transformer
	Decade Condencer Boxes
	3Ø Continously Variable Voltage Auto Transformer
	1Ø Continously Variable Voltage Auto Transformer
	3Ø Loading Rheostate: 3Ø, 440 V,50 Hz. 5 KW
	1Ø Transformer
	1Ø Transformer
	1Ø D.C Regulated Power Supply
	Digital Function Generator:
	1Ø Variable choke Coil
	3Ø Capacitor Bank
	1Ø Capacitor Bank
	1Ø Loading Rheostate
	Digital Function Generator
	1Ø DC power supply,
	Wound Type Rheostate 300 Ohm, 1.0 Amp.
	Cathod Ray Oscilloscope
DAGLE ELECTRICAL	3Ø Variable Choke Coil
BASIC ELECTRICAL	1Ø Choke Coil:
LAB	Volt Meter (AC): 0 - 15 / 30 Volts
	Volt Meter (AC): 0 - 150 / 300 Volts
	Volt Meter (AC): 0 - 300 / 600 Volts
	Ammeter (AC): 0 - 5 / 10 Amp
	Ammeter (AC): 0 - 10 / 20 Amp
	Volt Meter (AC): 0-125/250/500V
	Volt Meter (AC): 0-150/300/600V
	Ammeter (AC): 0-1/5A
	Ammeter (AC): 0-2/10A
	Volt Meter (DC): 0-2/10/V
	Volt Meter (DC) : 0-13/30/00 V Volt Meter (DC) : 0-75/150V
	Volt Meter (DC): 0-62.5/125V
	Ammeter (DC): 0-02.3/123V Ammeter (DC): 0-250/500mA
	Ammeter (DC): 0-250/500mA Ammeter (DC): 0-1/2A
	Ammeter(DC): 0.2/1A
	Digital Multimeter

	Digital Clamp Meter
	Meggar
	Overcurrent Relay (CDG)
	Earth fault Relay (CDG)
	Measuring C.T
	Earth Resistance Tester:
	Portable Oil Testing Set :
	O.C.B & Feeder Pannel
POWER	Lighting Arrester (66KV)
LAB	String Insulator (6.6KV)
	11 KV Disc Insulator
	11 KV Sackle Insulator
	11 KV Pin Insulator
	11 KV Post Insulator
	LT Pin Insulator
	LT Sackle Insulator
	HT Cable Termination
	LT Sackle Insulator
	Cathod Ray Oscilloscope
	Digital Function Generator:
	1Ø D.C Regulated Power Supply
	1Ø Continously Variable Voltage Auto Transformer
	D.C Regulated Power Supply
	Wound Type Rheostate 300 Ohm, 1.0 Amp.
	Digital Storage Oscliscope
	Function Generator
	1Ø DC power supply
	3Ø Continously Variable Voltage Auto Transformer
	Voltmeter (DC): 0-50/100/200mV
	Voltmeter (DC): 0-3 / 7.5 / 15V
BASIC	Voltmeter (DC) : 0-15/30/60V
ELECTRONICS	Voltmeter (DC) : 0-75/150/300V
LAB	Voltmeter (DC): 0-125/250/500V
	Ammeter (DC): 0-1 / 2mA
	Ammeter (DC): 0-25/50mA
	Ammeter (DC): 0-75/150mA
	Ammeter (DC): 0-250/500mA
	Ammeter (DC): 0-250/300mm Ammeter (DC): 0-1/2A
	Ammeter (DC): 0-1/2/1 Ammeter (DC): 0-2.5/5A
	Ammeter (DC): 0-5/10A
	DIGITAL MULTIMETER
	CLIP ON METER
	CLIP ON METER
COMPUTED TO	DIGITAL MULTI METER
COMPUTER	Computer System: P4 1.5 GHz processor (32 Nos.)
LAB	Computer System: Intel Celeron 1.3 GHz Processor

	Computer System: P4 2.4 ZGHz Processor
	Computer System: P4 3.2GHz processor (13 Nos.)
	Computer System HCL:Intel®Core TM 2DuoE7400@2.80 GHz (36
	Nos.)
	Out Door Dual Polarity System 5GHz
	160 GB HDD
	MSDN AA+
	Intel C2D 2.66 GHz processor (CPU)
	Su-Kam 10Kva online ups
	USB 500 GB HDD
	Su-Kam Maintenance free Batteries
	Su-Kam Maintenance free Batteries
	Exide Tubular Batteries 100AH,12v Dc
	Wipro EX 330+
	LG CD-ROM
	Internal Modem Mercury
	Kodak EBZ200 Web Cemara
	D-Link 8 Port Switch
	Overhead Projector
	DMS 8086 Micro Trainer Kit
	MERCURY SMPS
	SEGATE 40 GB HDD
	SEGATE 40 GB HDD
	LG CD-ROM
	Hp Lase-jet 1020
	SEAGATE 40 GB HDD
	512 DDR REM
	Su-Kam 10Kva online ups
	Su-Kam Maintenance free Batteries
	Hp Scan-Jet 2400
	Projection Screen with tripod stand
	Voltas Split Air Conditioner
	Sony LCD Multimedia Projector Model
	Celling Mount Kit
	Su-Kam 7.5Kva online ups
	Su-Kam Maintenance free Batteries
	Window Room Air-Conditioner
	Voltas Split Air Conditioner
	Voltas Split Air Conditioner
	ABC TYPE Fire EXT-2Kg
	Co ₂ TYPE Fire EXT-2Kg
	Micro Processor trainer kit
DIGITAL	Computer
MICROPROCESSOR	Digital Clamper Meter
LAB	8051 Mmicrocontroller kit
	EPABX

	8085 microprocessor trainer kit
	Study card 8237/8257
	Study card 8259
	Power supply
	Digital tachometer
	DVD player
	STUDY 8251 #924
	STUDY 8279 #1046
	Digital multimeter
	Microcontroller trainer
	Analog Techometer
	ABC Type fire EXT 2Kg, E-21
	Co2 Type fire EXT 2Kg, E-24
	Cathode Ray oscilloscope
	Computer
	"Adtron" make basic digital elet. Training Boards
	a) Basic logic gates with power supply
	b) Basic logic gates (NOT, OR, AND, NOR, NAND)
	c) Half adder
	d) full adder
	e) Half subtractor
	f) Full subtractor
	g) R-S Flip flop
	h) D - Flip flop
	i) J-K Flip flop
	j) Analog to digital converter
	k) Digital to analog converter
	Digital IC Trainer (TTL)
	Microprocessor trainer board
	Stepper motor controller card with stepper motor
	11
	Temp Controller Card Using Thermocouple Digital Storage Oscilloscope
	Digital Multimeter, Model No. 185
	Universal IC Tester/Programmer VLSI Trainer Kit
	SUPERPROZ – XELTEX Super Pro-Z
	Embedded Trainer kit
	Digital IC Trainer DVD-Writer
	Computer Con Cylindon
	Gas Cylinder
	Electric Oven
O. C. & E.M.	Gas pipe line 1/2"
LAB	Over Head Projector
	Stop Watch
	Wieght Balance

1	Lab. Burner
	Gas Valve
	Alluminiume Backet
	Boil Law Apparatus
	Dhona one pan Balance
	Potentiometer
P. A. & I. C.	Conductivity Meter
LAB	Ostwald's Viscometer
LAD	Stalagmo meter
	Retort Stand with Clamp
	DUMPY Level
	Prismetic Compass Box
	Levelling Staff
	Prism type optical square
	Line Ranger
CIVIL	Hammer
LAB	Tilting Level
	Auto Level
	Ranging Rods
	Measuring Taps - 15 meter
	Measuring Taps - 30 meter
	Chain - 20 meter
	Chain - 30 meter
	Vernier Calipers
	Traveling Microscope
	Flywheel
	Searle's apparatus
	Table Fan
	Combined Inclined Plane & Friction Apparatus
	Compound Screw Jack with Transverse Motion
	"RISHABH" make Digital Multimeter - 12S
	"KUSUM-MECO" Digital Clamp Meter - 2763
	Digital Techometer
	"AQUILA" make DC Regulated Power Supply - 305D
PHYSICS	'AE' make wattmeter with B - panel
LAB	Vernier Calipers
	Micrometer Screw (0 - 25 mm.)
	Energymeter - 10911
	D.C. Regulated Power Supply
	Digital Multimeter, Unit T, DT 830D
	Portable Voltmeter (0-150V/300V/600V)
	Analog Multimeter Sanwa-360 TRj
	O ,
	Analog Multimeter Sanwa-P3 Westernatur 10 / 20 Amor 250 500 yeart
	Wattmeter 10/20 Amp.,250-500 watt
	LABIN make Rheostat, 3 Amp-100 ohm.
	MECO - V Ampere meter 0-5 Amp.

MECO - V Ampere meter 0-10 Amp.
Micrometer Screw
Bimetallic Thermometer
Tuning Forks - Set
Steel Rule
Steel Measure Tape - 3 meter
Plain External Caliper Gauge
Spring loaded Internal Caliper Gauge
Drawing Board
Set Square
Spring Balance
Fractional Weight Box
Voltmeter with stand (0-50 volt DC)
Ammeter (0-1.5 Amp DC)
Sonometer
Young's Modulus Apparatus
Slotted Weight 50 gm
50 gm
500 gm
Physical Balance
"U"- Tube Manometer
Thermocouple
milivoltmeter (0-500 mv)
Unknown Resistor (10Ω)
Unknown Resistor (15Ω)
Unknown Resistor (20 Ω)
Standard Weight Box (1 gm - 200 gm.)
Alluminium Buckets
Water Heater
Spirit Level
Slotted Weight Hanger
Plannimeter
PVC Lamp Board
Switch
Lamp Holder
Apparatus of find the Centre of gravity
Train of Gear Wheel
Cantilever Apparatus
Ex-tension Board

• Computing Facilities

• Internet Bandwidth : 300 mbps

Number and configuration of System : 270
 Total number of system connected by LAN : 270
 Total number of system connected by WAN : 0

- Teaching Learning Process
- Curricula and syllabus for each of the Programmes as approved by the University:
 Link for University curricula and syllabus:
 https://www.gtu.ac.in/Syllubus list.aspx
- Academic Calendar of the University
 Link for University Academic Calendar:
 https://www.gtu.ac.in/AcademicCal.aspx
- **14.** LoA and subsequent EoA till the current Academic Year Link for EoA for all years:

https://www.ngpatelpoly.ac.in/records