

**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
N. G. PATEL POLYTECHNIC**

MANDATORY DISCLOSURE

Last updated on 01/01/2026

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

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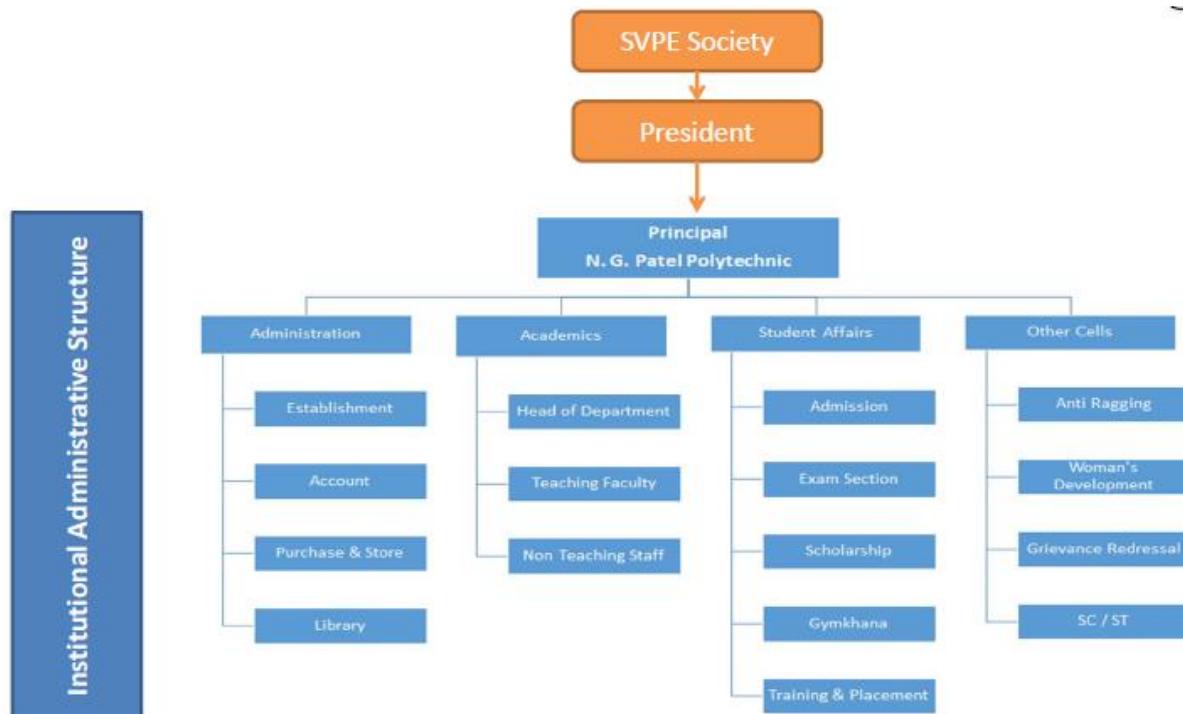
5. Governance

- **Members of the Board of Governance (BoG)**

Sr. No.	Category	Name of Member	Brief of Function and Responsibility
1	Chairman	Mr. B. V. Patel	
2	Executive Member	Mr. M. N. Patel	
3	Executive Member	Mr. P. B. Patel	
4	Executive Member	Mr. H. D. Patel	
5	Executive Member	Mr. B. N. Patel	
6	Executive Member	Mr. R. N. Patel	
7	Executive Member	Mr. T. A. Maik	
8	Member Secretary	Mr. K. R. Desai	
9	DTE Nominee	Mr. Sachin Parikh	
10	Industrialist	Mr. Amit Patel	
11	Industrialist	Mr. Niraj Mithani	
12	Faculty Member	Mr. M. B. Dhnagar	
13	Faculty Member	Mr. N.C.Rana	

Frequency of Board of Governance Meeting: Twice a year

- **Organizational chart and processes**



SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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- Nature and Extent of involvement of Faculty and students in academic affairs/improvements:

Details of faculties delegated powers for taking administrative decisions

Sr. No.	Activities Detail	Faculty Name (With Designation)	Delegated Authorities
A	Academics		
1	Head of the Department	Mr. Mukesh B. Dhangar Head, Chemical Engineering	<ul style="list-style-type: none"> • 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.
		Mrs. Pratiksha P. Vaghasiya Head, Computer Engineering	
		Mr. Nilesh P. Prajapati Head, Electrical Engineering	
		Mr. Nipul C. Rana Head, Mechanical Engineering	
		Mr. Manoj R. Sirohi I/C Head, Science & Humanities	
B	Student Affair		
1	Admission	Mr. Nilesh P. Prajapati Head, Electrical Engineering	<ul style="list-style-type: none"> • 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.
		Mr. Ritesh J. Patel Sr. Lecturer, Computer Engineering	
2	Exam Section	Mr. Kiransinh N. Desai Sr. Lecturer, Science & Humanities	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • To counsel the students about various available scholarship schemes, form the government and identify concern students. • To help the students for availing the scholarships.

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4	Gymkhana	Mr. Mukesh B. Dhangar Head, Chemical Engineering	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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.
C	Other Cells		
1	Anti-Ragging Committee	Mr. Nilesh P. Prajapati Head, Electrical Engineering	<ul style="list-style-type: none"> • 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 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.
	Anti-Ragging Squad	Mr. Manoj R. Sirohi I/C Head, Science & Humanities	<ul style="list-style-type: none"> • 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.
2	Woman's Development	Mrs. Pratiksha P. Vaghasiya Head, Computer Engineering	<ul style="list-style-type: none"> • 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.

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3	Grievance Redressal	Mr. Kartik R. Desai Principal, N. G. Patel Polytechnic	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 Lecturer, E.E.D.	To organize various outdoor sports activities (Cricket, Volleyball, Kabaddi, Kho-Kho) as per the schedule in academic calendar of institute.
2	Indoor Sports		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 felicitation 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

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			and thalassemia counselling for each student of first year.
7	Grain & Cloth Donation	M. S. Patel 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 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, personal and career to the students.
13	Girls Counselling	M. S. Patel Head, IT	
14	AICTE, GTU, FRC, PMKVY Portal	R. J. Patel Sr. Lecturer, Co.E.D.	To handle the mandatory portals for Central and State Level approvals of institute, 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

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			various student oriented activities.
18	Fire Safety	N. C. Rana 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 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.
21	NBA	N. C. Rana Head, M.E.D.	Accreditation of eligible programs

**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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- Grievance Redressal mechanism for Faculty, staff and students:



Ref. No.: NGPP/ESTA/2024/55

Date: 24/01/2024

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. This committee will be in force till the changes are made in future.

GRIEVANCE REDRESSAL COMMITTEE

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. Vaghshiya	Head, Computer Engineering Dept.
7	Nipul C. Rana	Head, Mechanical Engineering Dept.
8	Nilesh P. Prajapati	Head, Electrical Engineering Dept.
9	Meha S. Patel	Head, Information technology
10	Manoj R. Sirohi	I/C Head, Science & Humanities

Babubhai Patel

Babubhai V. Patel
President,
SVPE Society,
Isroli – Afwa.

Mohanbhai Patel
Mohanbhai N. Patel
Secretary,
SVPE Society,
Isroli – Afwa.

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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.

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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/2025/499/2

Date: 12/12/2025

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 handling and mitigation of internal complaints. This committee will be in force till the changes are made in future.

INTERNAL COMPLAINT COMMITTEE

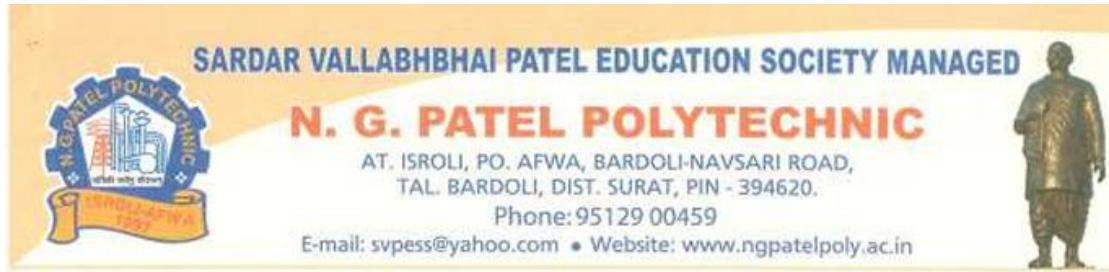
Sr. No.	Name	Designation	Department / Section
1	Kartik R. Desai	Principal	NGPP, Isroli
2	Mukesh B. Dhangar	Head	Chemical Engineering
3	Pratiksha P. Vaghshia	Head	Computer Engineering
4	Nipul C. Rana	Head	Mechanical Engineering
5	Nilesh P. Prajapati	Head	Electrical Engineering
6	Meha S. Patel	Head	Information Technology
7	Manoj R. Sirohi	I/C Head	Science & Humanities
8	Ashish K. Vyas	Clerk	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 – Afwा.

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**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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- Establishment of Anti Ragging Committee:



Ref. No.: NGPP/ESTA/2024/53

Date: 24/01/2024

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 indulging 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	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	Head, Mechanical Engg. Dept.
6	Member	Meha S. Patel	Head, Information Technology

Meeting Frequency: Twice in a semester

Kartik R. Desai
Principal,
N. G. Patel Polytechnic,
Isroli – Afwa.

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.

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- 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**



Find text or tools

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Ref. No.: NGPP/ESTA/2025/499/3 Date: 12/12/2025
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	Rinal S. Patel	Lecturer, Chemical Engineering Department
5	Member	Pinali R. Patel	Lecturer, Computer Engineering Department
6	Member	Ms. Bhavika G. Patel	Lecturer, Information Technology Department

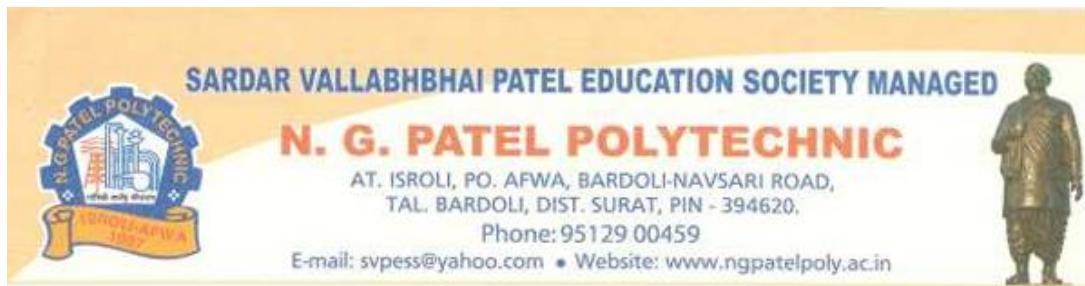
Meeting Frequency: Once in a semester


Kartik R. Desai
Principal,
N. G. Patel Polytechnic,
Isroli – Afwa.

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**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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• Internal Quality Assurance Cell



Ref. No.: NGPP/ESTA/2024/60

Date: 24/01/2024

CIRCULAR

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:

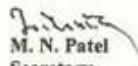
1. To ensure continuous improvement in the entire operations of the college, and
2. To assure stakeholders connected with higher education – namely, students, parents, teachers, staff, employer, funding agencies and society in general – of the accountability of the college for its own quality and integrity.

The functions of the IQAC are:

1. 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	Mohanbhai N. Patel	Secretary, SVPH Society	Member
4	Mukesh B. Dhanger	Head, Chemical	Member
5	Pratiksha P. Vaghasiya	Head, Computer	Member
6	Nilesh P. Prajapati	Head, Electrical	Member
7	Meha S. Patel	Head, Information Technology	Member
8	Manoj R. Sirohi	Head, S&HD	Member
9	Kiransinh N. Desai	Sr. Lecturer, S&H	Member
10	Anil D. Patel	Lecturer, MED	Member
11	Nitin K. Modi	Adhoc Lecturer, S&HD	Member
12	Nevil S. Patel (Administrative Official)	Office Superintendent	Member
13	Amit Patel	Founder Director, UGES Powermax (P) Ltd., Vadodara	Member
14	Ravindra Mistry	CEO, Unistar Softtech Pvt. Ltd., Bardoli	Member
15	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 Programs 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

• Name of Programs Accredited by NBA:

1. Diploma Chemical Engineering (for 3 years i.e. up to 30/06/2027)
2. Diploma Computer Engineering (for 3 years i.e. up to 30/06/2027)
3. Diploma Mechanical Engineering (for 3 years i.e. up to 30/06/2027)
4. Diploma Electrical Engineering (for 3 years i.e. up to 30/06/2028)

• Details of Program approved by AICTE:

Name of Program	:	Diploma in Chemical Engineering		
Number of Seats	:	120 seats / year		
Duration	:	3 Years		
Cut off Marks/Ranks of admission during last three years: (Closing Merit Rank)				
Particulates	2025-26	2024-25	2023-24	
OPEN	102515024	10251500637244	52881	
SC	44037	26444	102515637226	
ST	40009	40408	9608	
SEBC	44618	39193	1025	
TFWS	NA	3187	002777	
EWS	24340	NA	009586	
Fees	:	46,000 Rs. / Year (As approved by FRC, Ahmedabad)		
Placement Facility	:	Industry Institution Cell, Board Room, Counselling sessions.		
Campus placement in last three years:				
Particulates		2025-26	2024-25	2023-24
No. of students placed		46	40	28
Minimum Salary (Rs. In Lakh)		2.0	2.0	2.0
Maximum Salary (Rs. In Lakh)		4.0	4.0	4.0
Average Salary (Rs. In Lakh)		3.0	3.0	3.0

Name of Program	:	Diploma in Computer Engineering		
Number of Seats	:	120 seats / year (From Academic year 2022-23)		
Duration	:	3 Years		
Cut off Marks/Ranks of admission during last three years:				
Particulates	2025-26	2024-25	2023-24	
OPEN	44305	10251500637243	5188	

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SC	20324	40192	30674
ST	36912	39205	43055
SEBC	19849	50660	17062
TFWS	6192	2357	001347
EWS	6371	13838	036010
Fees	:	46,000 Rs. / Year (As approved by FRC, Ahmedabad)	
Placement Facility	:	Industry Institution Cell, Board Room, Counselling sessions.	

Campus placement in last three years:

Particulates	2025-26	2024-25	2023-24
No. of students placed	45	03	02
Minimum Salary (Rs. In Lakh)	2.0	1.0	1.0
Maximum Salary (Rs. In Lakh)	3.0	1.0	1.0
Average Salary (Rs. In Lakh)	2.5	1.0	1.0

Name of Program	:	Diploma in Electrical Engineering
Number of Seats	:	60 seats / year
Duration	:	3 Years

Cut off Marks/Ranks of admission during last three years:

Particulates	2025-26	2024-25	2023-24
OPEN	102515023	10251500637240	102515637030
SC	NA	NA	033201
ST	44322	39576	42813
SEBC	29360	39938	011380
TFWS	8497	12560	008787
EWS	NA	NA	---
Fees	:	46,000 Rs. / Year (As approved by FRC, Ahmedabad)	
Placement Facility	:	Industry Institution Cell, Board Room, Counselling sessions.	

Campus placement in last three years:

Particulates	2025-26	2024-25	2023-24
No. of students placed	0	18	22
Minimum Salary (Rs. In Lakh)	NA	1.0	1.0
Maximum Salary (Rs. In Lakh)	NA	4.0	3.5
Average Salary (Rs. In Lakh)	NA	2.5	2.25

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	2025-26	2024-25	2023-24
OPEN	102515020	10251500637242	7284
SC	NA	6915	31480
ST	42193	34032	037156
SEBC	34567	40229	029670
TFWS	14180	1810	002498
EWS	NA	NA	NA
Fees	:	46,000 Rs. / Year (As approved by FRC, Ahmedabad)	

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Placement Facility	:	Industry Institution Cell, Board Room, Counselling sessions.		
Campus placement in last three years:				
Particulars		2025-26	2024-25	2023-24
No. of students placed		0		
Minimum Salary (Rs. In Lakh)		NA		
Maximum Salary (Rs. In Lakh)		NA		
Average Salary (Rs. In Lakh)		NA		

Name of Program	:	Diploma in Mechanical Engineering
Number of Seats	:	60 seats / year
Duration	:	3 Years

Cut off Marks/Ranks of admission during last three years:

Particulars	2025-26	2024-25	2023-24
OPEN	102515019	10251500637241	41302
SC	38081	6915	033279
ST	44517	41184	102515637256
SEBC	37773	40588	034461
TFWS	2947	4035	004389
EWS	NA	18049	102515637211
Fees	:	46,000 Rs. / Year (As approved by FRC, Ahmedabad)	
Placement Facility	:	Industry Institution Cell, Board Room, Counselling sessions.	
Campus placement in last three years:			
Particulars	2025-26	2024-25	2023-24
No. of students placed	27	18	16
Minimum Salary (Rs. In Lakh)	2.0	1.0	1.0
Maximum Salary (Rs. In Lakh)	3.0	4.0	3.5
Average Salary (Rs. In Lakh)	2.5	2.5	2.25

7. Faculty:

Sr. No.	Name of Faculty	Designation	Department
1	Kartik R. Desai	Principal	**
2	MUKESHKUMAR BABUBHAI DHANGAR	Head of Department	Chemical Engg.
3	PARULBEN KANTIBHAI PATEL	Lecturer	Chemical Engg.
4	RIYA BHARATKUMAR BHANDARI	Lecturer	Chemical Engg.
5	ZINALKUMARI JAY PATEL	Lecturer	Chemical Engg.
6	RINAL SHAMBHUBHAI PATEL	Lecturer	Chemical Engg.
7	SWATI PAWANKUMAR PAL	Lecturer	Chemical Engg.
8	HIMANSHU SURESHCHANDRA DESAI	Lecturer	Chemical Engg.
9	MEGHA MAHESH VAGHELA	Adhoc Lecturer	Chemical Engg.
10	DIVYABEN RAMESHBHAI GAMIT	Adhoc Lecturer	Chemical Engg.

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11	BHAVINKUMAR YOGESHBHAI SONI	Adhoc Lecturer	Chemical Engg.
12	NIDHIBEN DHIRUBHAI CHAUDHARI	Adhoc Lecturer	Chemical Engg.
13	RUTVIBEN DILIPBHAI PATEL	Adhoc Lecturer	Chemical Engg.
14	JAMADGNI PARESHKUMAR PATHAK	Adhoc Lecturer	Chemical Engg.
15	PRATIXABEN PRAVINBHAI VAGHASHIA	Head of Department	Computer Engg.
16	RITESHKUMAR JAYANTIBHAI PATEL	Sr. Lecturer	Computer Engg.
17	MAITRI NIKHILBHAI VYAS	Lecturer	Computer Engg.
18	KRISHNA NARESHBHAI MISTRY	Lecturer	Computer Engg.
19	DHARMESHKUMAR Maganbhai PRAJAPATI	Lecturer	Computer Engg.
20	NITINKUMAR KANTILAL MODI	Lecturer	Computer Engg.
21	BHAVIKABEN PRAFULBHAI PATEL	Adhoc Lecturer	Computer Engg.
22	PINALIBEN RAJUBHAI PATEL	Adhoc Lecturer	Computer Engg.
23	HARINKUMAR CHETANBHAI NAIK	Adhoc Lecturer	Computer Engg.
24	VAIBHAVI GATUBHAI CHAUDHARI	Adhoc Lecturer	Computer Engg.
25	KRATI HITESH SHARMA	Adhoc Lecturer	Computer Engg.
26	BHAGVATIBEN DIPAKBHAI PATEL	Adhoc Lecturer	Computer Engg.
27	NILESHKUMAR PRAVINBHAI PRAJAPATI	Head of Department	Electrical Engg.
28	NIKUNJBHAI GOVINDBHAI MISTRY	Lecturer	Electrical Engg.
29	RAKESHBHAI HASMUKHBHAI MAISURIYA	Lecturer	Electrical Engg.
30	YAGNESH DINESHBHAI PATEL	Lecturer	Electrical Engg.
31	MAHENDRABHAI GAMBHIRSINH VASAVA	Lecturer	Electrical Engg.
32	ALKA DILIP PATEL	Adhoc Lecturer	Information Tech.
33	MANOJ RAGHUNATHJI SIROHI	Sr.Lecturer	Information Tech.
34	SALONI KASHYAPBHAI BHATHAWALA	Adhoc Lecturer	Information Tech.
35	MEHAKUMARI JAGDISHBHAI PATEL	Head of Department	Information Tech.
36	NIRAV CHETANKUMAR PANDYA	Lecturer	Information Tech.
37	YASH KUMAR UTTAMBHAI PRAJAPATI	Adhoc Lecturer	Information Tech.

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38	BHAVIKA GUNVANTBHAI PATEL	Adhoc Lecturer	Information Tech.
39	SHRUTI AVIANISHKUMAR MISHRA	Adhoc Lecturer	Information Tech.
40	MITALI PRAKASH PATEL	Adhoc Lecturer	Information Tech.
41	DIXA MUMESHBHAI PATEL	Adhoc Lecturer	Information Tech.
42	JOSHI KARTIKEY DIVYAKANT	Adhoc Lecturer	Information Tech.
43	JINESH JITENDRABHAI DHIMAR	Adhoc Lecturer	Information Tech.
44	KIRANSINH NATVERSINH DESAI	Sr. Lecturer	Information Tech.
45	NIPULKUMAR CHAMPAKLAL RANA	Head of Department	Mechanical Engg.
46	HIRENKUMAR RAMANLAL MISTRY	Sr. Lecturer	Mechanical Engg.
47	HEMALKUMAR JITENDRABHAI PATEL	Sr. Lecturer	Mechanical Engg.
48	ANILKUMAR DHIRAJLAL PATEL	Sr. Lecturer	Mechanical Engg.
49	VIPULKUMAR HARSHADBHAI PATEL	Lecturer	Mechanical Engg.
50	RONAK JANAKBHAI DESAI	Adhoc Lecturer	Mechanical Engg.
51	KULDIP JASVANTBHAI GOHIL	Adhoc Lecturer	Mechanical Engg.
52	KRUNALKUMAR NARESHBHAI SOLANKI	Adhoc Lecturer	Mechanical Engg.

8. Profile of Principal:

Name of Faculty	:	Kartik Rameshchandra Desai	
Date of Birth	:	07/01/1974	
Designation	:	Principal	
Date of Joining	:	02/12/1999	
Unique ID	:	1-460477485	
Education Qualification	:	M. Tech. (Chemical Engineering – Gold Medalist)	
Work Experience			
Teaching		Research	Industry
25 Years		--	--
Area of Specialization	:	Chemical Engineering	
Subjects Taught (At Diploma Level)	:	Chemical Reaction Engineering Chemical Engineering Plant Economics Petroleum Refining & Petrochemical Technology	
No. of papers published (Journal, conferences)	:	04	
No. of Book Published (With all details like	:	-Nil-	

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Name, Publisher, ISBN and Year of Publication)		
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9. Fee:

- Fees approved by Fee Regulatory Committee, Ahmedabad: 46,000/-
- Fees approved for: Year 2023-2024
- 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	2025-26	2024-25	2023-24
No. of Fee Waiver students	0	5	5
Name of Students	NA	Patel Aaryakumar	Sarang Druvkumar
	NA	Patel Meetkumar	Garasia Mansi
	NA	Mistry Rudrakumar	Changani Arya
	NA	Desai Tirth	Patel Yash
	NA	Chauhan Dharmik	Patel Krish
Amount (per student)	46000/-	46,000/-	46,000/-

COMPUTER ENGINEERING DEPARTMENT			
Particulars	2025-26	2024-25	2023-24
No. of Fee Waiver students	6	4	4
Name of Students	Bhavsar Krish	Thakor Heni	Desai Dhyan
	Sidhdhapuriya pavitra	Shah Khanak	Patel Hetvi
	Mehta preet	Dhimmar Manashviben	Parmar Aneri
	Bhatt krishika	Gadhvi Smit	Patel Sneha
	Rajput swayam	NA	NA
	Patil Jagruti	NA	NA
Amount (per student)	46,000/-	46,000/-	46,000/-

ELECTRICAL ENGINEERING DEPARTMENT			
Particulars	2025-26	2024-25	2023-24
No. of Fee Waiver students	3	3	3
Name of Students	Tailor Dhruvkumar	Chaudhari Gaurav	Sharma Sumeet
	Sharma Vedant	Padvi Dhiraj	Gamit Roshnika
	Patil Manthan	Tandel shiv	Patel Naitik
Amount (per student)	46,000/-	46,000/-	46,000/-

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INFROMATION TECHNOLOGY DEPARTMENT			
Particulars	2025-26	2024-25	2023-24
No. of Fee Waiver students	6	2	2
Name of Students	Gupta Shani	Kushwaha Pankaj	Wankhede Vansh
	Prajapati viraj	Solanki Pratham	Patel Krish
	Prajapati pavan	NA	NA
	Mistry Neel	NA	NA
	Patel Zeel	NA	NA
	Kotwal Narendra	NA	NA
Amount (per student)	46,000/-	46,000/-	46,000/-

MECHANICAL ENGINEERING DEPARTMENT			
Particulars	2025-26	2024-25	2023-24
No. of Fee Waiver students	3	2	1
Name of Students	Pal Bhaveshkumar	Rathod Rohitkumar	Patel Mann
	Parekh Om	Pithalia prasham	--
	Rathod Bhavin	NA	--
Amount (per student)	46,000/-	46,000/-	46,000/-

- 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. 60,000/- per Year
- Any other fess: NIL

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10. Admission

- Number of seats sanctioned with the year of approval

Sr. No.	Name of Department	Approved Intake (2025-2026)
1	Chemical Engineering	120
2	Computer Engineering	120
3	Electrical Engineering	60
4	Information Technology	120
5	Mechanical Engineering	60
Total Intake (Per Year)		480

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

CHEMICAL ENGINEERING DEPARTMENT			
Category	2025-26	2024-25	2023-24
OPEN	31	41	55
SC	5	NA	4
ST	6	7	23
SEBC	21	24	29
TFWS	0	5	5
Total	63	77	116

COMPUTER ENGINEERING DEPARTMENT			
Category	2025-26	2024-25	2023-24
OPEN	20	52	84
SC	1	7	8
ST	5	13	24
SEBC	5	16	16
TFWS	6	4	4
Total	37	92	136

ELECTRICAL ENGINEERING DEPARTMENT			
Category	2025-26	2024-25	2023-24
OPEN	7	13	18
SC	1	1	2
ST	35	36	46
SEBC	13	07	2
TFWS	3	3	3
Total	59	60	71

INFORMATION TECHNOLOGY DEPARTMENT			
Category	2025-26	2024-25	2023-24
OPEN	14	32	42
SC	NA	4	2
ST	5	5	6
SEBC	10	17	14
TFWS	6	2	2

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Total	35	60	66
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MECHANICAL ENGINEERING DEPARTMENT			
Category	2025-26	2024-25	2023-24
OPEN	24	14	28
SC	2	3	1
ST	14	22	35
SEBC	17	9	4
TFWS	3	2	1
Total	60	50	69

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 : www.acpdc.in
- 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 (m²)
1	CH-11	67.68
2	CH-13	72.00
3	CH-17	94.40
4	CH-18	93.60
5	M-5	94.40
6	M-13	57.60
7	M-14	58.64
8	M-26	56.00
9	M-21	58.10
10	M-22	58.40
11	M-23	57.60

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12	M-24	58.64
13	M-25	70.00
14	E-11	69.60
15	E-12	57.60
16	E-14	57.60
17	E-15	56.54
18	E-26	62.80
19	E-27	62.40

- Number of Tutorial rooms and size of each

Sr. No.	Room ID	Carpet Area (m ²)
1	M-16	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 (m ²)
1	CH-1	P. R. & P. T. LAB	48.08
2	CH-2	M. O. LAB	70.00
3	CH-3	COMP PROJECT 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	IT LAB 3	66.45
18	M-15	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	IT PROJECT LAB	49.60

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27	E-24	IT LAB 1	57.60
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 (m ²)
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 (m ²)
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 (m ²)
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 (125 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

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- 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
PR&PT LAB	Abel's Flash Point Apparatus.
	Pensky Marten's Flash Point Apparatus.
	Ring & Ball Apparatus.
	Conradson Apparatus.
	Redwood Viscometer.
	Could & Pour Point Apparatus.
	Penetro Meter.
	Rams botoms Apparatus.
	Engler Viscometer.
	Saybolt Viscometer.

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	Smoke Point Apparatus. ASTM Distillation Set Up
	Cyclone Separator. Roll Crusher. 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)
MO LAB	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 Water Cooling Tower With compressor Diffusion co-efficient Distillation (Fractional Distillation) Differential Distillation (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 extinguisher
MT LAB	“HEM” make Temp. Controller With Thermister Sensor Hg Filled Temp.Gauge Bimetallic Temp.Gauge Digital Multimeter
U&ICP LAB	

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	Toshniwal RTD-100-3 Wire RTD-100-2 Wire Simplex Thermocouple K Simplex Thermocouple T Simplex Thermocouple J Simplex Temp. Sensor
FT LAB	General Glass Wares General Chemical Reagents
HT LAB	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. Tripple Effect Evaporator. Overhead Projector. Vertical Condenser Horizontal Condenser Bare and Leg pipe Heating Bath Steam Strap Pressure Gauge (2 piece)
S&ET LAB	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 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) pH Meter Refrigerator Centrifuge Machine Temperature Controller Bottle Top Dispenser
SM/EM LAB	Pedulum Impact testing machine FIE ' Electronic Universal testing machine Winch Crab Single Purchase Parallogram of forces Apparatus

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	Polygon & Trainagle of forces Apparatus
	Polygon forces Apparatus
	Parallel forces Apparatus
	Weights TOTAL 20 Kgs.
	Winch Crab Double Purchase
MT LAB	Trinocular Metallurgical Microscope
	Rockwell Cum Brinell Hardness testing machine
	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
Thermal/PPE/EOME LAB	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
	1.Model of Lancashire boiler
	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
FMHM LAB	Hydraulic Lab equipments
	Venturimeter apparatus
	Orificemeter apparatus
	V-notch/Rectangular notch apparatus
	Bernoulli's apparatus
	Open orifice apparatus

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	Friction head loss measuring apparatus
	Impact 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.)
	Split Air Conditioner (2 Ton 4 Nos.)
	Capri Stabilizer 5 KVA (2 Nos.)
	BENQ CD ROM
	Micro - Phone With Headphone
	Computer: HCL, Core 2 DUO 2.80 Ghz (40 Nos.)
CAD LAB	Capri Stabilizer 5 KVA (2 Nos.)
	Portalbe DVD R/W USB
	Sukam 10 KVA Online UPS (2 Nos.)
	Exide 100AH/12V Battery
M&I & TOM LAB	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)
	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)

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	GO-Not GO Thread gauge GO-Not GO limit gauge Snap gauge
DME & TOOL LAB	D.M.E.Lab Cut models Flange coupling 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
ELECTIRICAL MACHINE LAB	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 1Ø Portable Manual Auto Transformer 28 D- 1P 7.56KVA 1Ø Portable Manual Auto Transformer 20 D-1P 5.4KVA 1Ø Portable Manual Auto Transformer 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.

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(C) Rheostate 200 Ohm, 4 Amp.
(D) Rheostate 300 Ohm, 2.8 Amp.
(A) Rheostate 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 - 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 - 150 / 300 Volts
Moving Iron Type A.C / D.C Ammeter : 0 - 1 / 2Amp.
Moving Iron Type A.C / D.C Ammeter : 0 - 3Amp.
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 Wattmeters
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

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INSTRUMENTATION LAB	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
	A.C Position Servo Stabilizer
	Linear Variable Differential Transformer (LVDT)
	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

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	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 WATTMETERS125/250/500V-2.5/5A (0 - 300 W)
	Dynamometer type WATTMETERS125/250/500V-5/10A (0 - 600 W)
	Digital Multimeter
	Digital Clamp Meter
	Digital Storage Oscilloscope
	Function Generator
	1Ø DC Power Supply
	1Ø Auto Transformer
	Decade Condenser Boxes
BASIC ELECTRICAL LAB	3Ø Continuously Variable Voltage Auto Transformer
	1Ø Continuously 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
	3Ø Variable Choke Coil
	1Ø Choke Coil:
	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

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	Volt Meter (DC) : 0-15/30/60V Volt Meter (DC) : 0-75/150V Volt Meter (DC) : 0-62.5/125V Ammeter (DC) : 0-250/500mA Ammeter (DC) : 0-1/2A Ammeter(DC) : 0.2/1A Digital Multimeter Digital Clamp Meter
POWER LAB	Meggar Overcurrent Relay (CDG) Earth fault Relay (CDG) Measuring C.T Earth Resistance Tester: Portable Oil Testing Set : O.C.B & Feeder Pannel Lighting Arrester (66KV) 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
BASIC ELECTRONICS LAB	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 Voltmeter (DC) : 0-15/30/60V Voltmeter (DC) : 0-75/150/300V 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) : 0-1/2A Ammeter (DC) : 0-2.5/5A

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COMPUTER LAB	Ammeter (DC): 0-5/10A
	DIGITAL MULTIMETER
	CLIP ON METER
	CLIP ON METER
	DIGITAL MULTI METER
COMPUTER LAB	Computer System: P4 1.5 GHz processor (32 Nos.)
	Acer makes branded computer system
	Computer System: P4 2.4 ZGHz Processor
	Computer System: P4 3.2GHz processor (13 Nos.)
	Computer System HCL: Intel®Core™2Duo E7400@2.80 GHz (36 Nos.)
	HP makes branded computer 8 gbram (50 computer)
	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(4 Unit)

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DIGITAL MICROPROCESSOR LAB	ABC TYPE Fire EXT-2Kg
	Co ₂ TYPE Fire EXT-2Kg
	Micro Processor trainer kit
	Computer
	Digital Clamper Meter
	8051 Microcontroller 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 elec. 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
	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

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O. C. & E.M. LAB	Computer
	Gas Cylinder
	Electric Oven
	Gas pipe line 1/2"
	Over Head Projector
	Stop Watch
	Wieght Balance
	Lab. Burner
	Gas Valve
	Alluminiume Bucket
	Boil Law Apparatus
	Dhona one pan Balance
P. A. & I. C. LAB	Potentiometer
	Conductivity Meter
	Ostwald's Viscometer
	Stalagmo meter
	Retort Stand with Clamp
CIVIL LAB	DUMPY Level
	Prismatic Compass Box
	Levelling Staff
	Prism type optical square
	Line Ranger
	Hammer
	Tilting Level
	Auto Level
	Ranging Rods
	Measuring Taps - 15 meter
	Measuring Taps - 30 meter
	Chain - 20 meter
	Chain - 30 meter
PHYSICS LAB	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
	'AE' make wattmeter with B - panel
	Vernier Calipers
	Micrometer Screw (0 - 25 mm.)
	Energymeter - 10911
	D.C. Regulated Power Supply

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Digital Multimeter, Unit T, DT 830D
Portable Voltmeter (0-150V/300V/600V)
Analog Multimeter Sanwa-360 TRj
Analog Multimeter Sanwa-P3
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 (20Ω)
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

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- **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

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- **Teaching Learning Process**
- **Curricula and syllabus for each of the Programmes as approved by the University:**
Link for University curricula and syllabus:
http://gtu.ac.in/Syllabus_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://ngpatelpoly.ac.in/?page_id=235