

MANDATORY DISCLOSURE

Last updated on 31/03/2024

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

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

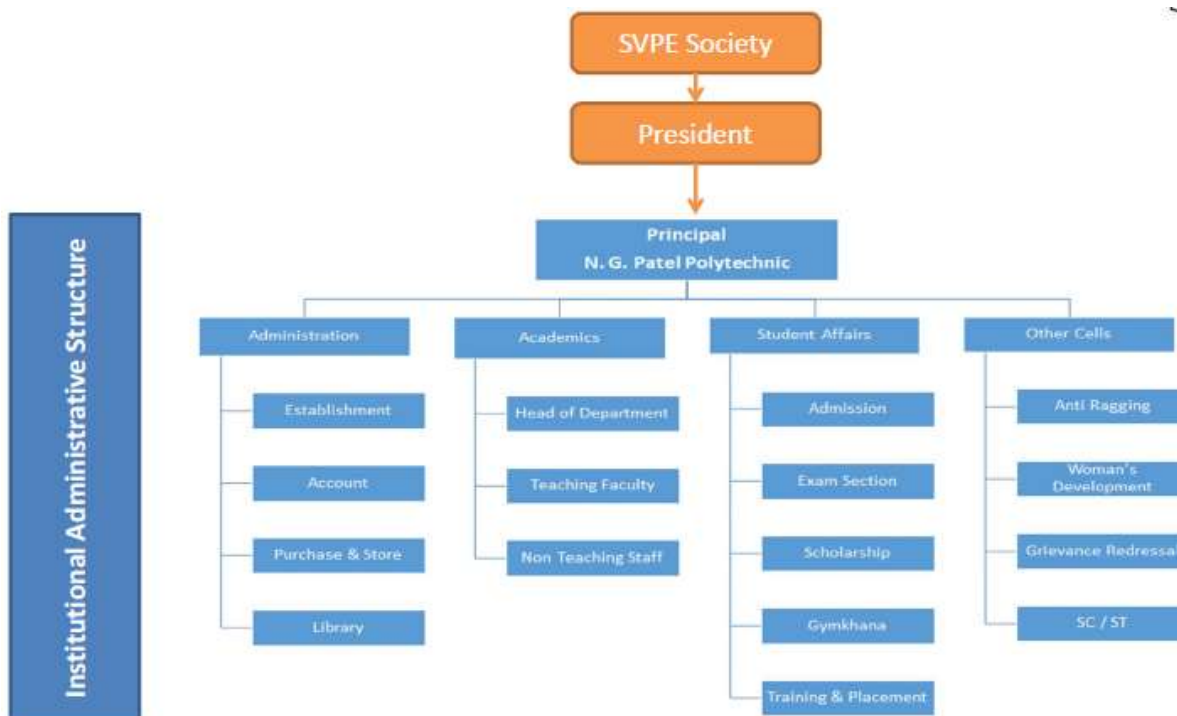
5. Governance

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

Sr. No.	Category	Name of Member	Brief of Function and Responsibility
1	Chairman	Mr. B. V. Patel	<ul style="list-style-type: none"> • To formulate the policies related to academics and to ensure effective implementation of the same. • To prepare and approve the annual budgetary allocation towards infrastructure, Academic & Development needs. • Effective human resource management. • To make sure the implementation of recommendation of governing body.
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. Dhngar	
13	Faculty Member	Mr. H. S. Desai	

Frequency of Board of Governance Meeting: Twice a year

• **Organizational chart and processes**



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

- 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 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	<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.
B	Student Affair		
1	Admission	Mr. Nilesh P. Prajapati I/C Head, Electrical Engineering Mr. Ritesh J. Patel Sr. Lecturer, Computer 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.
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 I/C 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	
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 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, personal and career to the students.
13	Girls Counselling	M. S. Patel I/C Head, IT	
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.

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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.

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

- 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. Vaghashiya	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 V. Patel
President,
SVPE Society,
Isroli – Afwa.

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

**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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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: svpress@yahoo.com • Website: www.ngpatelpoly.ac.in



Ref. No.: NGPP/ESTA/2024/56


Date: 24/01/2024

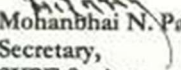
CIRCULAR

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 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. Vaghashia	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	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.

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

- 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:

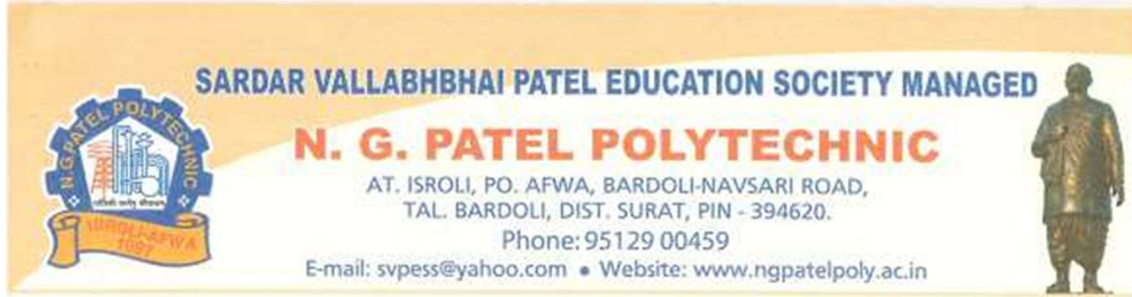
- To ensure that there is no ragging in the campus or hostel.
- Implementation of Govt./University directives against the menace of ragging.
- To hold periodical meetings with first year student.
- Periodical and surprise visits to hostels.

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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**



Ref. No.: NGPP/ESTA/2024/57

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 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

Meeting Frequency: Once in a semester



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

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

- Internal Quality Assurance Cell



SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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AT. ISROLI, PO. AFWA, BARDOLI-NAVSARI ROAD,
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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, SVPE Society	Member
4	Mukesh B. Dhangar	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 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 30/06/2027)
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)

• **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		2023-24	2022-23	2021-22
OPEN		52881	1025150006	1024150021
SC		102515637226	52129	50444
ST		9608	1025150008	1025150034
SEBC		1025	50395	38252
TFWS		002777	6046	493
EWS		009586	7157	15927
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		2023-24	2022-23	2021-22
No. of students placed		28	40	24
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		2023-24	2022-23	2021-22
OPEN		5188	51521	1025150019

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SC	30674	26983	1025150020
ST	43055	40497	50211
SEBC	17062	52021	29256
TFWS	001347	587	1539
EWS	036010	20764	18527
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	2023-24	2022-23	2021-22
No. of students placed	02	03	12
Minimum Salary (Rs. In Lakh)	1.0	1.0	1.0
Maximum Salary (Rs. In Lakh)	1.0	1.0	1.0
Average Salary (Rs. In Lakh)	1.0	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	2023-24	2022-23	2021-22
OPEN	102515637030	38225	1025150009
SC	033201	36212	41665
ST	42813	51616	50828
SEBC	011380	38792	39644
TFWS	008787	12020	5441
EWS	---	---	---
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	2023-24	2022-23	2021-22
No. of students placed	22	29	71
Minimum Salary (Rs. In Lakh)	1.0	1.0	1.0
Maximum Salary (Rs. In Lakh)	3.5	2.0	2.0
Average Salary (Rs. In Lakh)	2.25	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	2023-24	2022-23	2021-22
OPEN	7284	1025150001	**
SC	31480	30640	**
ST	037156	51369	**
SEBC	029670	38240	**
TFWS	002498	1880	**
EWS	---	12437	**
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:				
Particulates		2023-24	2022-23	2021-22
No. of students placed		Not Applicable		
Minimum Salary (Rs. In Lakh)				
Maximum Salary (Rs. In Lakh)				
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 admission during last three years:				
Particulates		2023-24	2022-23	2021-22
OPEN		41302	52155	1025150029
SC		033279	---	42371
ST		102515637256	1025150010	41384
SEBC		034461	23038	39691
TFWS		004389	12991	4330
EWS		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:				
Particulates		2023-24	2022-23	2021-22
No. of students placed		16	13	43
Minimum Salary (Rs. In Lakh)		1.0	1.0	1.0
Maximum Salary (Rs. In Lakh)		3.5	2.0	2.0
Average Salary (Rs. In Lakh)		2.25	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	Krishna N. Mistry	Adhoc Lecturer	Computer Engg.

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16	Krati H. Sharma	Adhoc Lecturer	Computer Engg.
17	Bhavika P. Patel	Adhoc Lecturer	Computer Engg.
18	Pinali R. Patel	Adhoc Lecturer	Computer Engg.
19	Bhumika D. Patel	Adhoc Lecturer	Computer Engg.
20	Mitali P. Patel	Adhoc Lecturer	Computer Engg.
21	V. G. Chaudhari	Adhoc Lecturer	Computer Engg.
22	Nilesh P. Prajapati	Head of Department	Electrical Engg.
23	Nikunj G. Mistry	Lecturer	Electrical Engg.
24	Rakesh H. Maisuriya	Lecturer	Electrical Engg.
25	Yagnesh D. Patel	Lecturer	Electrical Engg.
26	Nirav C. Pandya	Adhoc Lecturer	Electrical Engg.
27	Mahendra G. Vasava	Adhoc Lecturer	Electrical Engg.
28	Purvang R. Chauhan	Adhoc Lecturer	Electrical Engg.
29	Meha S. Patel	Head of Department	Information Tech.
30	Kartikey D. Joshi	Adhoc Lecturer	Information Tech.
31	Hima S. Mistry	Adhoc Lecturer	Information Tech.
32	Bhumika L. Chaudhari	Adhoc Lecturer	Information Tech.
33	Yash U. Prajapati	Adhoc Lecturer	Information Tech.
34	Nipul C. Rana	Head of Department	Mechanical Engg.
35	Hiren R. Mistry	Sr. Lecturer	Mechanical Engg.
36	Hemal J. Patel	Lecturer	Mechanical Engg.
37	Anil D. Patel	Lecturer	Mechanical Engg.
36	Vipul H. Patel	Adhoc Lecturer	Mechanical Engg.
37	Ronak J. Desai	Adhoc Lecturer	Mechanical Engg.
38	Kunal N. Solanki	Adhoc Lecturer	Mechanical Engg.
39	Kuldip J. Gohil	Adhoc Lecturer	Mechanical Engg.
40	Manoj R. Sirohi	Head of Department	Science & Humanities
41	Dharmesh M. Prajapati	Sr. Lecturer	Science & Humanities
42	Kiran N. Desai	Sr. Lecturer	Science & Humanities
43	Nitin K. Modi	Adhoc Lecturer	Science & Humanities
44	Sanjay S. Patel	Adhoc Lecturer	Science & Humanities
45	Smita L. Chaudhari	Adhoc Lecturer	Science & Humanities
46			
47			
48			

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			

**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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Teaching	Research	Industry	Others
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 Name, Publisher, ISBN and Year of Publication)	:	-Nil-	

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	2023-24	2022-23	2021-22
No. of Fee Waiver students	5	5	3
Name of Students	Sarang Druvkumar	Patel Meet	Henil Mistry
	Garasia Mansi	Patel Mihir	Jaydip Patel
	Changani Arya	Patel Harsh	Priyank Patel
	Patel Yash	Mandanka Meet	---
	Patel Krish	Morker Moksh	---
Amount (per student)	46,000/-	44,000/-	44,000/-

COMPUTER ENGINEERING DEPARTMENT			
Particulars	2023-24	2022-23	2021-22
No. of Fee Waiver students	4	4	2
Name of Students	Desai Dhyan	Patel Devam	Afsana Patel
	Patel Hetvi	Chaudhary Shivam	Kushal Shethna
	Parmar Aneri	Patel Krushang	--
	Patel Sneha	Naik Dev	--
Amount (per student)	46,000/-	44,000/-	44,000/-

ELECTRICAL ENGINEERING DEPARTMENT			
Particulars	2023-24	2022-23	2021-22
No. of Fee Waiver students	3	3	3
Name of Students	Sharma Sumeet	Chaudhari Kaushal	Pritesh Prajapati
	Gamit Roshnika	Chaudhari Prince	Saty Patel
	Patel Naitik	Konkani Neel	Keyuri Patel
Amount (per student)	46,000/-	44,000/-	44,000/-

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INFORMATION TECHNOLOGY DEPARTMENT			
Particulars	2023-24	2022-23	2020-21
No. of Fee Waiver students	2	2	Not Applicable
Name of Students	Wankhede Vansh Patel Krish	Rana Shreya Nayak Mayank	
Amount (per student)	46,000/-	44,000/-	

MECHANICAL ENGINEERING DEPARTMENT			
Particulars	2023-24	2022-23	2021-22
No. of Fee Waiver students	1	3	2
Name of Students	Patel Mann -- --	Gurjar Jainam Mistry Henil Gamit Vivek	Harsh Devnath Fiyansh Diveliya --
Amount (per student)	46,000/-	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. 60,000/- per Year
- Any other fess: NIL

10. Admission

- Number of seats sanctioned with the year of approval

Sr. No.	Name of Department	Approved Intake (2023-2024)
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

**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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- Number of Students admitted under various categories each year in the last three years:

CHEMICAL ENGINEERING DEPARTMENT			
Category	2023-24	2022-23	2021-22
OPEN	55	33	57
SC	4	6	3
ST	23	29	26
SEBC	29	20	10
TFWS	5	5	3
Total	116	93	99

COMPUTER ENGINEERING DEPARTMENT			
Category	2023-24	2022-23	2021-22
OPEN	84	71	38
SC	8	6	4
ST	24	21	7
SEBC	16	21	16
TFWS	4	4	2
Total	136	123	67

ELECTRICAL ENGINEERING DEPARTMENT			
Category	2023-24	2022-23	2021-22
OPEN	18	11	20
SC	2	5	6
ST	46	48	37
SEBC	2	4	4
TFWS	3	3	3
Total	71	71	70

INFORMATION TECHNOLOGY DEPARTMENT			
Category	2023-24	2022-23	2021-22
OPEN	42	42	Not Applicable
SC	2	2	
ST	6	5	
SEBC	14	11	
TFWS	2	2	
Total	66	62	

MECHANICAL ENGINEERING DEPARTMENT			
Category	2023-24	2022-23	2021-22
OPEN	28	20	32
SC	1	0	3
ST	35	22	16
SEBC	4	2	9
TFWS	1	3	2
Total	69	47	62

**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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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 (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

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- Number of Tutorial rooms and size of each

Sr. No.	Room ID	Carpet Area (m ²)
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 (m ²)
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. I& 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 (m ²)
1	M-18-A	DRAWING HALL	135.00

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- 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 (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

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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	Competition 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.
	Smoke Point Apparatus.
	ASTM Distillation Set Up
MO LAB	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.	

**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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	Double Cone Mixer.
	Froth Flotation Cell.
	Sieve Shaker.
	Weight Balance (500gm)
	Weight Balance (1000gm)
	Vacuum Filtration with Pump(New)
	Vacuum Filtration with Pump(Old)
MT 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 extinguiser	
U&ICP LAB	“HEM” make Temp. Controller With Thermister Sensor
	Hg Filled Temp.Gauge
	Bimettalic Temp.Gauge
	Digital Multimeter
	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.

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	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
	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 BrinellHardness testing machine
	EIE lightweight muffle furnace
	Polishing machine
	Rockwell Hardness testing machine
	Dimond indentor
	Shewharts Bowl and chips

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	Plastic balls
	Wooden Scoop
	Sampling rack with washers
	Icosahedrons
	Two handed process chart
	String diagram
	Plant layout (Wooden board)
	Stop watch
Thermal/PPE/EOME LAB	Four stroke four cylinder Petrol engine
	Single cylinder four stroke Diesel
	Domestic Refrigerator test rig
	Air conditioner test rig.
	Control Panel 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
	Friction head loss measuring apparatus
	Impect of jet apparatus
	Reynold's number apparatus
	Single stage centrifugal test rig.
	Francis Turbine test rig.
	Reproccating 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.)

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	BENQ CD ROM
	Micro - Phone With Headphone
CAD LAB	Computer: HCL, Core 2 DUO 2.80 Ghz (40 Nos.)
	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.Slipse 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)
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

**SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
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	4. Sheet metal tools - I
	5. Lathe parts
	6. Sheet metal 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
ELECTRICAL 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.
	(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:	

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N. G. PATEL POLYTECHNIC**

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
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

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	(3) D.P.D.T Switch
	(4) D.P.S.T Switch
	(5) S.P.S.T Switch
	(6) S.P.D.T Switch
INSTRUMENTATION LAB	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
	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 WAT*TMTERS125/250/500V-2.5/5A (0 - 300 W)

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	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 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
	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
	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)

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

	Measuring C.T
	Earth Resistance Tester:
	Portable Oil Testing Set :
	O.C.B & Feeder Panel
	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 Oscilloscope
	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
	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.)
	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™2DuoE7400@2.80 GHz (36 Nos.)

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

	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 Camara
	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
DIGITAL MICROPROCESSOR LAB	Micro Processor trainer kit
	Computer
	Digital Clamper Meter
	8051 Mmicrocontroller kit
	EPABX
	8085 microprocessor trainer kit
	Study card 8237/8257
	Study card 8259
Power supply	

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	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
	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
O. C. & E.M. LAB	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

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P. A. & I. C. LAB	Dhona one pan Balance
	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
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	
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	

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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 (10 Ω)
Unknown Resistor (15 Ω)
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

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

- **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/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://www.ngpatelpoly.ac.in/records>