



GOVERNMENT ENGINEERING COLLEGE PALANPUR

Affiliated to Gujarat Technological University (GTU) | Approved by AICTE

Palanpur – Ahmedabad Highway, Near Jagana Village, Banaskantha, North Gujarat



AT A GLANCE

ACADEMIC YEAR 2025 – 26

Institutional Profile & Statistical Report

अभियान्तिकीज्ञानम् जनकल्याणम्

(Engineering Knowledge for the Welfare of the People)

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VISION AND MISSION OF INSTITUTE

VISION

" To be a leading technical institute facilitating transformation of human resources into socially responsible engineering professionals for sustainable development "

MISSION

- To achieve academic excellence by developing state-of-the-art laboratories and academic infrastructure.
- To create an ecosystem that promote value based technical education, innovation and entrepreneurship for sustainable development.
- To contribute to industry and society by providing technical and consultancy services.
- To enhance technical competencies of human resources by providing need base training and quality improvement programs.



MESSAGE OF THE PRINCIPAL

Message from the Desk of the Principal

Dear Students,

It gives me immense pleasure to welcome you to Government Engineering College, Palanpur, an institution committed to nurturing competent, ethical, innovative, and socially responsible engineering professionals.

As our nation moves forward towards the vision of Viksit Bharat @2047, the transformation of India into a developed, self-reliant, and prosperous nation will depend greatly on the knowledge, skills, character, creativity, and commitment of its youth. As engineering students, you have a significant role to play in this transformative journey.

The four years of your Bachelor of Engineering programme are a golden period of learning, exploration, self-discovery, and preparation for your future.

I urge every student to continuously ask yourself:

“Where do I want to see myself after four years, and what does career success mean to me?”

Set clear, meaningful, and ambitious goals, and work consistently towards achieving them.

Sharpen your abilities and nurture your individual talents by acquiring relevant knowledge, practical skills, creativity, and technological competence. Make the most of every opportunity to learn, experiment, innovate, collaborate, and apply your knowledge to real-world challenges.

Remember: Success is not achieved overnight; it is the result of hard work, discipline, perseverance, continuous learning, and the willingness to learn from every experience.

At the same time, becoming a successful engineer is not merely about academic excellence. I encourage you to develop four important dimensions of your personality:

IQ – Intelligence Quotient

Develop knowledge, analytical thinking, logical reasoning, and problem-solving abilities.

EQ – Emotional Quotient

Build empathy, emotional maturity, effective communication, teamwork, and leadership qualities.

PQ – Physical Quotient

Maintain physical fitness, discipline, energy, and a healthy lifestyle.

SQ – Spiritual/Social Quotient

Develop values, integrity, purpose, compassion, social responsibility, and a sense of duty towards society and the nation.

Our ultimate objective is to transform students into competent, confident, ethical, and socially responsible engineering professionals who can create innovative solutions, generate opportunities, address societal challenges, and contribute meaningfully to the development of our society and the nation.

I firmly believe that each one of you possesses unique potential.

Dream Big. Define Your Destination. Learn Continuously. Work Hard. Stay Grounded. Serve Society with Integrity.

Do not be afraid of challenges or failures. Consider them opportunities to learn, grow, and become stronger.

Let us together contribute to the journey of Viksit Bharat @2047 by becoming capable, confident, compassionate, innovative, and responsible engineering professionals.

Let us transform:



Knowledge → Innovation



Skills → Solutions



Ideas → Opportunities



Aspirations → Meaningful Contributions

I wish each one of you a fulfilling and successful journey at Government Engineering College, Palanpur.

May your years at this institution empower you to build a bright, successful, and purposeful future.

Best wishes to all of you.

Dr. K. B. Judal

Principal,

GEC, Palanpur

MOTIVATIONAL MESSAGES BY HODs AND TPO

Civil Engineering Department

The Department of Civil Engineering, Government Engineering College, Palanpur is equipped with qualified faculty and adequate infrastructure.

Civil engineers serve in various fields like design, construct, supervise, operate, and maintain large construction projects and systems, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment, buildings and so on.

Civil engineering is one of the most critical disciplines for providing solutions for public service and private infrastructural challenges as well as contributing to local and global environmental and sustainability challenges. The role of civil engineers is everywhere and will become even more crucial for developing nations like India.

The Civil Engineering Department facilitates excellent academic as well as all round growth of the students.

I wish all the students a pleasant, active and successful journey at the Civil Engineering Department, GEC, Palanpur.

Prof. V J. Chitaria

Electrical Engineering Department

Greetings to all Students, Faculty, and Readers, At the foundation of our academic journey is the overarching vision of Government Engineering College, Palanpur, which strives "to be a leading technical institute facilitating transformation of human resources into socially responsible engineering professionals for sustainable development." To realize this vision, our institute focuses on achieving academic excellence through state-of-the-art laboratory infrastructure, nurturing an ecosystem that promotes value-based technical education, innovation, and entrepreneurship, providing technical and consultancy services to industry and society, and continually enhancing human resources through need-based trainings and quality improvement programs.

Aligned with these institutional goals, the Electrical Engineering Department is working with the vision of "to develop competent electrical professionals for providing sustainable engineering solutions to society." Guided by this core purpose, our mission centers on imparting quality technical education grounded in strong professional skills and human values, fostering an ecosystem that builds technical competencies for sustainable development, and actively mentoring students in pursuit of successful professional careers and entrepreneurial ventures.

Central to our educational philosophy is our commitment to the United Nations (UN) Sustainable Development Goals (SDGs). As Electrical Engineers, our academic projects and research directly advance SDG 4 (Quality Education) through outcome-based learning, SDG 7 (Affordable and Clean Energy) by focusing on renewable energy and smart grid systems, SDG 9 (Industry, Innovation, and Infrastructure) through modern engineering practices, and SDG 13 (Climate Action) by emphasizing green and energy-efficient solutions. By embedding these global sustainability targets into our coursework, we prepare our students to balance industrial growth with environmental stewardship.

In line with these values and the transformative vision of the National Education Policy (NEP) 2020, our department is actively reforming its academic ecosystem to be holistic, multidisciplinary, and outcome-oriented. We emphasize self-directed learning, practical industry exposure, and the ethical integration of emerging technologies into our curriculum-based assignments, ensuring our graduates are equipped with strong Program Educational Objectives to lead individually, in teams, or as entrepreneurs.

Recognizing that true professional excellence extends beyond classroom instruction, our department is fully equipped to nurture student talents through active co-curricular and extra-curricular engagement. Through institutional frameworks such as the Gymkhana, Student Start-up and Innovation Policy (SSIP) Cell, National Service Scheme (NSS), and active technical clubs, we provide continuous faculty mentorship, financial support, and advanced laboratory facilities to our students. Whether participating in national hackathons, technical paper presentations, sports competitions, or community outreach drives, our students are systematically encouraged to participate, innovate, and excel. This dynamic ecosystem builds essential leadership, teamwork, and resilience, shaping our students into well-rounded engineering leaders.

As we step into another promising academic term, I want to remind each of you that you represent the dynamic force that will drive our nation's future. Drawing inspiration from our Hon'ble Prime Minister, Shri Narendra Modi Ji, who firmly believes that the true strength of India lies in the energy, innovation, and determination of its youth, I encourage you to "dream big, work hard, stay disciplined, and contribute to nation-building". In today's rapidly evolving world, it is vital that you actively hone your technical skills, embrace emerging technologies, and strive for excellence in every endeavour. Equally important is protecting your well-being—I urge you to stay entirely away from addiction and harmful habits, maintaining a healthy mind and body focused on achieving your highest potential. Initiatives like Skill India, Digital India, Startup India, and Atmanirbhar Bharat have opened unprecedented doors for young minds to transition from job seekers into self-reliant innovators—I urge all of you to take benefits of such national schemes. As PM Modi rightly reminds us, "The future of India depends on what our youth do today". Let dedication, perseverance, and a strong spirit of service guide your journey as you work toward your personal goals and contribute meaningfully to society. Alongside mastering emerging technologies, I expect each of you to equally embrace the responsibility of preserving our rich traditions and ancient wisdom for generations to come.

As we look toward the upcoming academic term, let us continue to push boundaries, embrace modern advancements responsibly, and strive for continuous growth. To our students: remember that success is a continuous journey built on consistency, curiosity, and ethical practice. To our esteemed faculty and staff: thank you for your unwavering dedication to mentoring and shaping the leaders of tomorrow.

I extend my heartfelt gratitude to the editorial team, contributors, and everyone who worked tirelessly to bring this publication to our stakeholders. I hope this edition inspires you as much as it reflects our shared commitment to excellence.

Wishing everyone a productive, fulfilling, and inspiring semester ahead!

Dr. Alpesh M. Patel.

Mechanical Engineering Department

Mechanical Engineering is the mother of all branches of engineering. Contributions by this branch are enormous in the growth of technology over the centuries. I think it can be best summed up with a slogan from our professional body, the Institution of Mechanical Engineers – ‘Nothing moves without Mechanical Engineers’. Whether it is an aircraft, car, train or satellite, mechanical engineers play an important role. Government engineering college Palanpur (GECPL) is really delighted to express that the mechanical department stands on the strength of experienced and well qualified faculty with Excellent laboratory facilities, modern computer clusters and systematically designed curriculum and dedicated faculty members make this department a dynamic place to study. Graduates from the Department of Mechanical Engineering are highly-employable and sought after by many prestigious companies. Recently the department has been accredited by National Board of accreditation, New Delhi (NBA) for the year 2022-2025. An accredited degree means that graduates are deemed to have met part or all of the academic requirements and are in a strong position to move on to achieve professional engineering status after a period of initial professional development in industry. The Department aims to create and shape the new generation of mechanical engineers through their innovative teaching methods and practical knowledge. Department also cares for students with an effective mentoring system to counsel them regularly. We are confident; our students will always make us proud from their performances wherever they are.

Prof. Dr. Dhaval M. Patel.

Computer Engineering Department

Greetings to all Students, Faculty, and Readers,

It is my pleasure to lead the Department of Computer Engineering, a program renowned for its innovation and excellence. Our curriculum blends fundamentals with emerging technologies like AI, Machine Learning, IoT, Digital Forensics and Cybersecurity, ensuring students are prepared for the evolving tech landscape.

With a focus on developing practical skills in a very good laboratory infrastructure, innovative thinking, industry collaboration, and skill-building with professional values, we are preparing students to meet the challenges of the ever-changing technological world and contribute meaningfully to the society.

I sincerely appreciate the dedication of our faculty and staff, and the enthusiasm of our students in contributing to the growth of the department. Let us continue our journey towards excellence, innovation, collaboration and academic achievement.

“Learn, Innovate and Excel”

With best wishes for continued success.

Dr. Rajyalakshmi H. Jaiswal

Training & Placement Officer

Government Engineering College Palanpur (GECPL), Established in 2009 is a one of the premier Technical Institute in northern Gujarat under CTE, Gandhinagar. The college is affiliated to Gujarat Technological University (GTU) and has recognition of All India Council of Technical Education (AICTE). GECPL is a leading technical institute in the Banaskantha district grooming the talents of rural youth by propagating globally acceptable education, industrial training and research-oriented output. The institute is spreaded in 15 Acres of Land on Palanpur - Ahmedabad Highway near Jagana Village, 6 Km from Palanpur, North Gujarat. GECPL develops young graduate engineers in five diverse disciplines: Civil Engineering, Computer Engineering, Electrical Engineering, Mechanical Engineering and Mining Engineering. GECPL

takes care to groom our students according to the needs of the industries. Students undergo internship training during the final year in reputed industries / organizations / institutions, as a part of their academics. They also have ample industrial exposure by their frequently arranged industrial visits. GECPL also grooming students for their overall development through finishing school programs - trained for life skills, employability skills, English functional skills etc. State level event - Mega Placement camps are organized for Banaskantha district yearly in liaison with the Education Department and Knowledge Consortium of Gujarat, Government of Gujarat successfully. This Placement Camp aims to serve as a convenient platform between the industries and the final year students of the various colleges. It has provided a good opportunity for both the stakeholders. It gives us immense pleasure to extend to you a most cordial invitation to participate in the Campus Recruitment Programme of GECPL. Please feel free to contact the Training & Placement Office. Looking forward to a jointly positive relationship.

Prof. Dr. Dhaval M. Patel

Email: tpo@gecpalanpur.ac.in

ACADEMIC EXCELLENCE

ACADEMIC EXCELLENCE

A. SSIP

SSIP 2.0 activity Planned for academic year 2025-26

	Total no. of student to be our reach and sensitized	Total no. of innovations to be supported at PoC level	Total no. of workshops/conferences/ Seminars / capacity building program
Target as per MOU	450	7	2
Achieved	713	16	2

SSIP 2.0 achievements for academic year 2025-26

Total grant received	Rs. 2.0 lac
Total student sensitized	713
Total number of PoC supported	16
Total grant allotted for PoC	Rs. 9,19,400 + 3,97,500 = 13,16,900
Grant utilized in PoC	192156
Students benefited in PoC	37 + 20 = 57
Workshop / seminar arranged	2

Sensitization Program:**SSIP 2.0 Sensitization Program****Date: 12/09/2025****Total no. of Students: 21**



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Sensitization Program SSIP 2.0

12th September
03:30 PM - 05:10 PM - Mechanical Seminar Hall



Expert - Dr. Vijay D. Patel
(SSIP Coordinator)

Organized by : Institute SSIP & IIC Committee

**1st Year Computer Engineering
Students**

**The SSIP 2.0 & IIC aims to promote innovations and Start-ups in the
traditional and new age technology along with the sunrise sectors.**

Patron:Dr. K. B. Judal (Principal, GEC Palanpur)

SSIP 2.0 Sensitization Program

Date: 16/09/2025

Total no. of Students: 44

**Sensitization Program****Student Startup & Innovation Policy
(SSIP 2.0)****16th September
1:10 PM - 3:10 PM****Mechanical Seminar
Hall****Dr. Vijay D. Patel**
(SSIP Coordinator)**Organized by : Institute SSIP & IIC Committee****1st Year Mechanical & Electrical
Engineering****Patron: Dr. K. B. Judal (Principal, GEC Palanpur)**

SSIP 2.0 Sensitization Program**Date: 17/09/2025****Total no. of Students: 63**



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Sensitization Program

**Student Startup & Innovation Policy
(SSIP 2.0)**



17th September
3:10 PM - 5:10 PM



**Mechanical Seminar
Hall**

Dr. Vijay D. Patel
(SSIP Coordinator) 

Organized by : Institute SSIP & IIC Committee



1st Year Civill Engineering

Patron:Dr. K. B. Judal (Principal, GEC Palanpur)

Government Engineering College, Palanpur | Year 2025-26 At a Glance

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SSIP 2.0 Sensitization Program

Date: 12/12/2025

Total no. of Students: 130

**Sensitization Program****Student Startup & Innovation Policy
(SSIP 2.0)****12th December****11:00 AM****Smt. S. K. Mehta Secondary &
Higher Secndary School,
Jagana, Palanpur****Dr. Vijay D. Patel**
(SSIP Coordinator)**Organized by : Institute SSIP & IIC Committee (GEC, Palanpur)****Higher Secnary Students****Patron:Dr. K. B. Judal (Principal, GEC Palanpur)**

SSIP 2.0 Sensitization Program**Date: 18/12/2025****Total no. of Students: 148****Sensitization Program****Student Startup & Innovation Policy
(SSIP 2.0)****18th December****10:30 AM****Shree K K Gothi High
School, Palanpur****Dr. Vijay D. Patel**
(SSIP Coordinator)**Organized by : Institute SSIP & IIC Committee (GEC, Palanpur)****Higher Secondary Students****Patron: Dr. K. B. Judal (Principal, GEC Palanpur)**

Expert sessions:

1. A one-day Workshop on “Recent Innovations of AI in Robotics”

Date: 16/02/2026**Total no. of Students:** 86

Techno Club
Government Engineering College
Palanpur

organize a workshop on

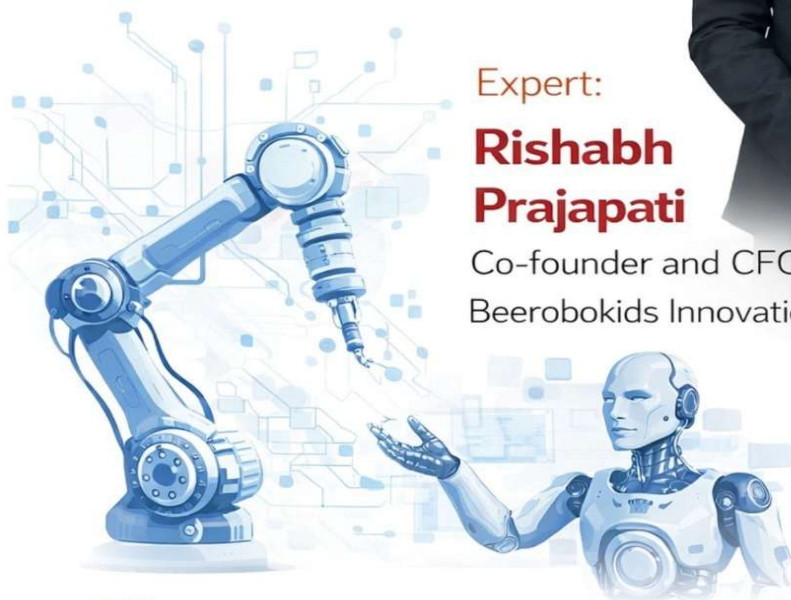
Recent Innovations
of AI in Robotics



Expert:

Rishabh
Prajapati

Co-founder and CFO of
Beerobokids Innovations Pvt Ltd



Date: 16/02/2026 | **Time:** 3.00 PM to 5.0 PM

Venue: Seminar Hall, Mechanical Engineering Department

2. A one-day Workshop on “Innovative Design Through AUTOCAD Drafting”

Date: 28/02/2026

Total no. of Students: 107



GOVERNMENT ENGINEERING COLLEGE, PALANPUR AND
SAI CAD CENTER ORGANIZE ONE DAY WORKSHOP ON

INNOVATIVE DESIGN THROUGH AUTOCAD DRAFTING

**EXPERT:****MUKESH YOGI****MECHANICAL ENGINEER****SAI CAD CENTER, PATAN**

ESTD : 2009

अभियान्त्रिकी ज्ञानम् जनकल्याणम्

DATE AND TIME :**FRIDAY, 27 FEBRUARY, 2026****10.30 AM - 4.30 PM****VENUE: SEMINAR HALL,
MECHANICAL ENGINEERING
DEPARTMENT**

GECPL – 2025 Hackathon:**Date: 22/09/2025****Total no. of Students: 114 students**

The banner features a yellow background with a white header containing logos for the Ministry of Education, MoE's Innovation Cell, AICTE, Institution's Innovation Council, and Smart India Hackathon 2025. Below these is the large red 'SSIP' logo and the Government Engineering College Palanpur logo. A blue box in the center reads 'Government Engineering College Palanpur presents INTERNAL HACKATHON GECPL - 2025'. A red box below it says 'Sept., 22, 2025 | 10:30 AM Onwards'. A registration link is provided in a black box: <https://aesse.one/o09lm>. At the bottom, contact information for Dr. V. D. Patel, Assistant Professor in the Mechanical Engineering Department, is listed along with the college's address in Palanpur, Gujarat.

शिक्षा मंत्रालय
MINISTRY OF
EDUCATION

MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

AICTE
The only choice

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

SMART INDIA
HACKATHON
2025

SSIP

GOVERNMENT ENGINEERING COLLEGE PALANPUR
ESTD : 2009
अभियान्तिकीशानम् जनकस्यागम्

Government Engineering College Palanpur
presents
INTERNAL HACKATHON GECPL - 2025

Sept., 22, 2025 | 10:30 AM Onwards

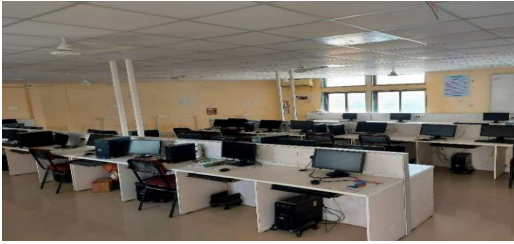
Registration link: <https://aesse.one/o09lm>

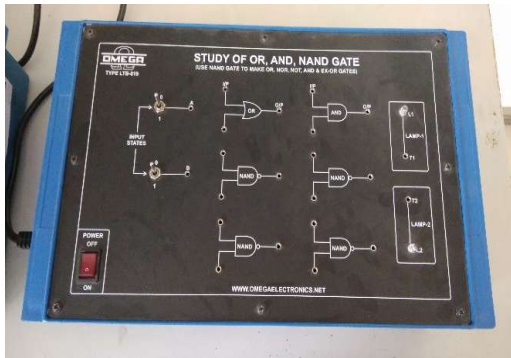
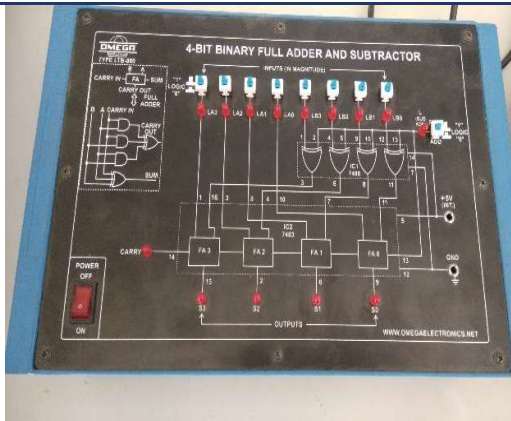
|| SPOC ||
Dr. V. D. Patel
Assistant Professor
Mechanical Engineering Department || vdp@gecpalanpur.ac.in || 99259 31013

📍 Government Engineering College Palanpur, Ahmedabad - Palanpur Hwy, Palanpur, Jagana, Gujarat 385001

B. Major laboratories with major equipment photos and brief description

COMPUTER ENGINEERING DEPARTMENT

Data Structure, Object Oriented Programming & Computer Network Lab 	This laboratory is located at a First floor of Electrical Engineering block (R4111). This lab can accommodate for the 2nd & 3rd year students. The lab has fully equipped with all the computers with the software like Visual Code, Cisco Packet Tracer. The lab has total 57 Computers in Room No. 4111. There are three partitions in a laboratory. So, three parallel batches can perform the practical parallelly.
Programming for Problem Solving & Operating System Lab 	This laboratory is located at the first floor of Computer Engineering block (Room No:- 8114). This laboratory provides the basic platform for the Fundamentals of C language for all the First Year Engineering Students. This Laboratory has installed Linux Operating System called Ubuntu where Operating System Laboratory is also arranged.
IOT Lab 	This laboratory is located at First Floor of Computer Engineering Department (R 8112 B). This laboratory is dedicated for department Students. All practices perform with Arduino Development Board where Arduino is mounted on a kit and interfaced with the PC. The kit also finds LCD, LED and Breadboard to perform advance problem associated with ARDUINO board. ARDUINO IDE is the software used to interface ARDUINO.
Digital Fundamentals Lab	Digital Fundamentals Lab facility are located in the first floor of Computer block. This laboratory facilitates the students of 3rd semester for the Digital Fundamental course. This Lab consists of all equipment to understand the Digital Adder, Subtractor, Different GATEs, Digital to analog & Analog to Digital Converter,



The Lab explores the concepts of Digital world, like working of various sequential logic circuits, functioning of logic gates, their implementation and verification of truth tables

Major Equipments:

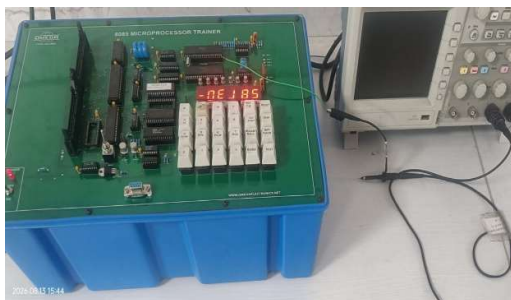
1. 4-bit Binary Full Adder and Subtractor
2. OR, AND & NAND Gate
3. Shift Register
4. 8-Bit Analog to Digital Converter
5. 8-Bit multiplying D/A Converter
6. Dual 4-line to 1-Line Multiplexer
7. Universal Logic Gates
8. Bread Board
9. Function Generator
10. Oscilloscope
11. Multimeter

Database Management System, Web Programming and Advance Java Programming Lab

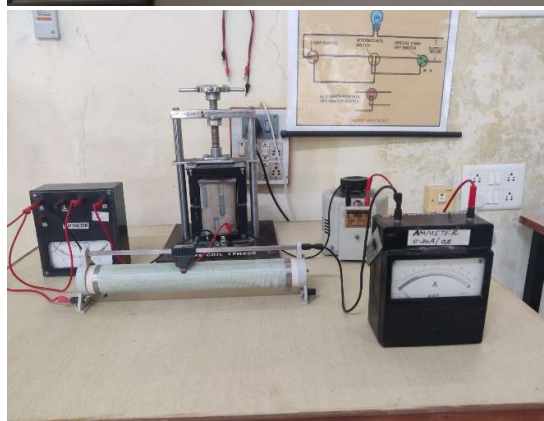


This laboratory is located at the first floor of the Library (R 2101). The lab is fully furnished and equipped with 30 PCs with keil uvision and flashmagic installed in it. It also has various softwares like VS Code, Proteus, Wireshark, etc. It also has Microsoft SQL Server installed to perform practicles for Database Management System.

COA & Microprocessor and Interfacing Lab



This laboratory is located at the first floor of the Computer Engineering block (R-8112 A). This laboratory is also the prerequisite for for the Microprocessor Subject which has Computer Organization and Architecture. Various Instrucons, Addressing Modes can execute in this Laboratory. This Laboratory also has CRO, Multimeter. CRO is used to observe waveforms of the signals.

ELECTRICAL ENGINEERING DEPARTMENT**EEE & EEWS Lab**

This laboratory is located at a ground floor of Electrical Engineering block.

This lab can accommodate for the 1st year students. The lab has fully equipped setup tables to carry out numerous fundamental experiments in Electrical Engineering. The experiments are designed to expose students to the practical executions of the fundamental theories of Electrical Engineering. This lab is also use for Electrical workshop in this student their practical work and makes different electrical circuits

Major Equipments: -

Auto Transformer

Choke Coil, Temperature Co- Efficient Kit

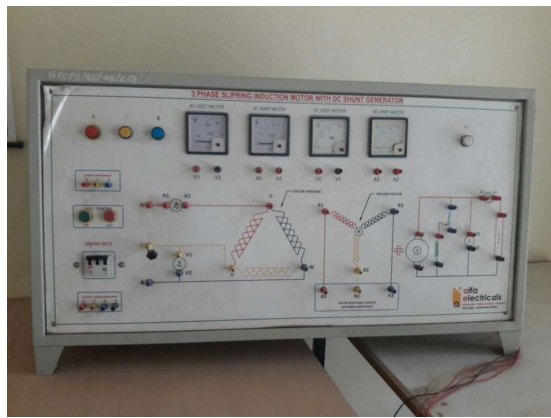
Load Bank, Different Measuring Meters, Small DC Motors, Gear Mechanism

Electrical Machines Lab

This laboratory provides platform to the students to gain knowledge, obtain a learning experience and acquire expertise in understanding the operating Characteristics, speed control, performance Analysis and Testing of Various Electrical Machine. The laboratory is equipped with the experimental set-ups and students are exposed to hands on design experiments. Main Machines of the laboratory are D.C shunt motor, Dc Shunt generator, three phase alternator, three phase induction motor, Single phase induction motor and Single-phase transformer.

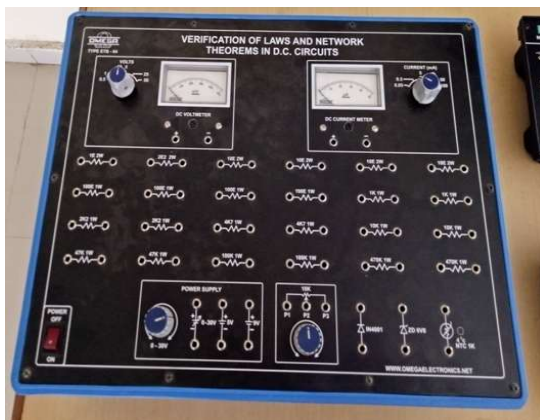
Major Equipments:

1. Control Panel of DC Shunt Motor with Ac Generator
2. Control Panel of Dc Shunt Motor
3. Control Panel of Single-Phase Transformer.
4. Control Panel of Three Phase Induction Motor
5. Control Panel of 3 Phase Slipring Induction motor D.C. Shunt Generator
6. Control Panel of Dc Compound Motor Generator Set
7. Control Panel of Three phase transformer



8. Control Panel of Single-phase induction motor
9. Single Phase induction motor capacitor start & capacitor run
10. 3 Phase Variac
11. Cut section of shaded pole motor
12. Single Phase Transformer
13. Three Phase Variable Choke Coil
14. Single Phase Variac
15. Single Phase Lamp Bank
16. Three Phase Load Bank

Network and Control Lab



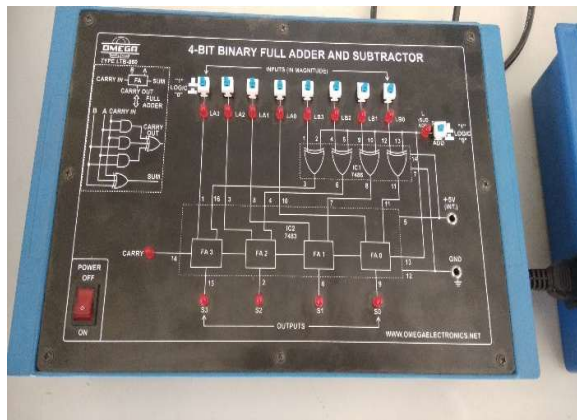
Network and control laboratory is located on the first floor of Electrical Block. This laboratory facilitates the students of 3rd and 5th semester for the courses Circuits and Network and Control System Engineering respectively.

This laboratory allows student to Understanding and predicting system behavior and solve complex network using different techniques.

Major Equipments:

1. Verification of laws and network theorems
2. Two Port Networks Trainer kit
3. Time Response of First and Second order Control system
4. Proportional, Proportional integral and Proportional Derivative Control kit.
5. Type-1 and Type-2 System Test Kit.
6. Open loop and Closed loop control system Test kit.

Digital electronics Lab

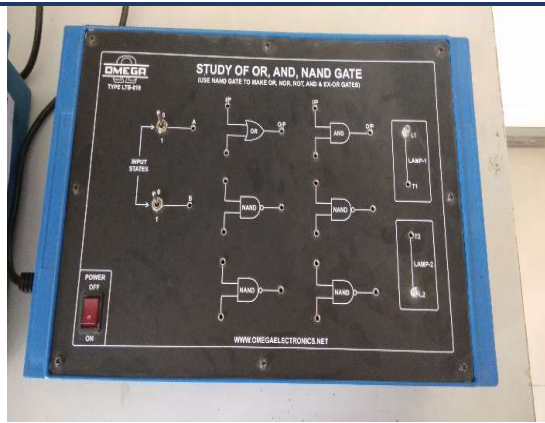


Digital Electronics Lab facilities are located in the first floor of Electrical block. This laboratory facilitates the students of 4th semester for the Digital Electronics course. This Lab consist of all equipment to understand the Digital Adder, Subtractor, Different GATEs, Digital to analog & Analog to Digital Converter,

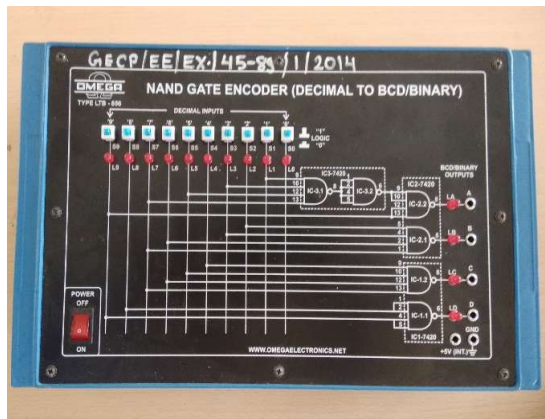
The Lab explores the concepts of Digital world, like working of various sequential logic circuits, functioning of logic gates, their implementation and verification of truth tables

Major Equipments:

12. 4-bit Binary Full Adder and Subtractor
13. OR, AND & NAND Gate
14. NAND Gate Encoder



15. Shift Register
16. Seven Segment Display
17. 8-Bit Analog to Digital Converter
18. 8-Bit multiplying D/A Converter
19. Dual 4-line to 1-Line Multiplexer
20. Universal Logic Gates
21. Bread Board
22. Function Generator
23. Oscilloscope
24. Multimeter
25. Power Supply



Power System Lab

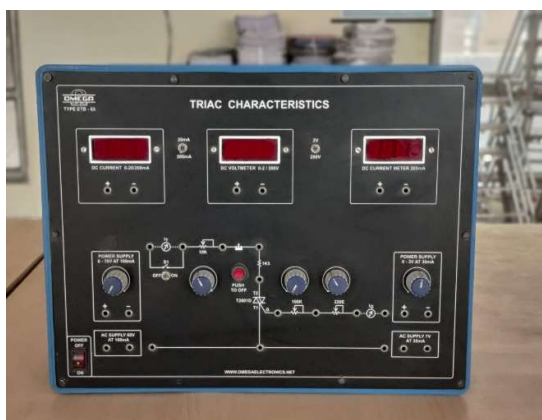


The Power System laboratory is located on the ground floor of Electrical Engineering Block. The students of 4th, 5th, 7th and 8th Semesters are studying various courses of Power Systems such as Power System-I, Power System-II, Switch Gear and Protection, Power System Operation and Control, Interconnected Power System, Power System Planning and Design, etc. This laboratory helps imparting practical skills to the students related to the above-mentioned courses.

Major Equipments:

1. Model of Power Generation, Transmission and Distribution system (Made by group of students)

Basic & Power Electronics Lab



Electrical Measurement Lab



2. MATLAB Software

The purchase procedure for many more equipment related to the above courses is also initiated.

The Electronics laboratory facilities are located in the first floor of Electrical block. The facility has been developed by Asst. Prof. B. R. Patel. This laboratory facilitates the students of 2nd, 5th and 6th semester for the courses Basic Electronics (2110016), Power Electronics-I (2150903) and Power Electronics-II (2160902). Electronics lab aims :

To provide students engineering skills by way of breadboard circuit design with electronic devices and components.

To design and analyze various Electronic circuits such as multivibrators, applications of operational amplifiers, RC coupled amplifiers, oscillators, digital circuits etc. so that students are able to understand the practical aspects of basic electronics theory.

To enable the students to simulate and test the Analog, Digital and mixed Electronics circuits. All details of construction and working of every component are clearly exposed.

Major Equipments:

1. IGBT Characteristics trainer
2. 30 MHZ D.S.O.
3. Function Generator
4. AC Chopper
5. Step Up Chopper
6. Jone's chopper

The Measurement laboratory facilitates the students of 3rd and 7th semester for the courses EMMI (2130903) and Industrial Instrumentation (2170913). The Measurement laboratory is involved in all the areas of study, related to measurement and calibration. It is equipped with all measuring instruments, phase shifting transformers, and bridge circuit etc. Here students learn to calibrate the meters, verify theorems, and understand hysteresis characteristics. Also students perform the experiments and study related to measure a physical quantity in instrumentation courses & other important concepts related to measuring.



Major Equipments:

1. Trainer kits of displacement measurement using synchro, LVDT.
2. AC / DC position control system.
3. Trainer kit temperature measurement
4. Trainer kits of different bridge circuit like Wheatstone bridge, Kelvin's double, Maxwell's L/C bridge, Owen's bridge, schering bridge etc.

Analog Electronics Lab



Analog Electronics Lab facilities are located in the first floor of Electrical block. This laboratory facilitates the students of 3rd semester for the Analog Electronics course. This Lab consists of all equipment to understand the different configurations of transistor, amplifiers, op-amps and other electronics components for different applications.

Major Equipments:

1. Different Device Characteristic
2. Three Phase Full Wave Rectifier
3. Series And Parallel Resonance
4. Transistor Bias Stability
5. LR Circuit with Source of Alternating EMF
6. Regulated Power Supply
7. Digital Storage Oscilloscope
8. Op-amp Kit

Microprocessor & Microcontroller Lab



This laboratory is located at the first floor of the electrical engineering department having an area of 211 square meters. the lab is fully furnished and equipped with 20 PCs with keil uvision and flashmagic installed for interfacing microprocessor and microcontroller kits and for programming. the lab is equipped with all necessary trainer, user and interfacing kits for studying subjects related to microprocessor and microcontroller.

Major Equipments: -

- 8085 microprocessor trainer kit
- 8051 microcontroller trainer and user kits

	interfacing kits like traffic light control, DC motor control, stepper motor control, switches interfacing, LED interfacing, LCD interfacing etc.
Computer Lab. 	The computer laboratory located at first floor and numbered 4114 in electrical engineering department. The lab is of 129 square meters area and fully air conditioned with UPS. This lab is equipped with 35 PCs having MATLAB, Ansys, Autocad Electrical, DevC etc. installed in it for studying subjects like Control system engineering, power system engineering, electrical machine design, electrical design, C language programming, signals and systems in simulation and programming.
High Voltage Laboratory 	High voltage engineering lab is located in ground floor of Electrical Block. This laboratory facilitates the students 6th semester for the courses High voltage engineering. This laboratory allows student to Understanding of high voltage lab concepts. Major Equipments: 1. Transformer oli testing kit
Protection and Switch Gear Laboratory 	Protection and Switch Gear lab is located in ground floor of Electrical Block. This laboratory facilitates the student's 7th semester for the courses Switch Gear and Protection. This laboratory allows student to Understanding concept of relay anmd protection of electrical machine. Major Equipments: 1. Motor Panel with RelayTrainer 2. IDMT Relay Trainer 3. Distance Protection Relay Panel

CIVIL ENGINEERING DEPARTMENT**Surveying Lab**

The Surveying Laboratory facilities are located on the ground floor of Civil Engg. block. The lab I/C is Asst. Prof. H.U.Patel. These laboratories facilitate the students of 1st, 2nd & 4th semester for the subjects Basic Civil Engineering (BE01000101) & Surveying (BE04006011).

Major Equipments:

- Total Station
- Electronic Theodolite
- Digital Plannimeter
- Plane Table
- Transit Vernier Theodolite
- Automatic Level
- Dumpy & Tilting Level

Prismatic & Surveyor Compass

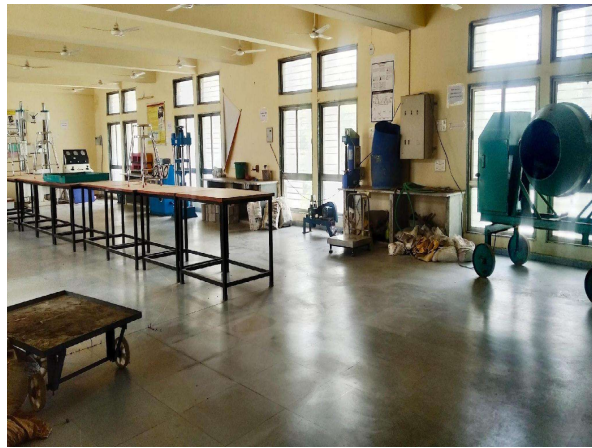
Building Construction Lab/Model Room

Building construction is a traditional science which deals with the modern method of sound construction incorporating appropriate use of materials, sufficient strength and permanence, maximum utility, and good proportion and grace. The building design has been the responsibility of the architect, though the building construction has been the responsibility of the civil engineer. The aim of the building construction practical is to acquaint civil engineers, architects, builders, contractors, with the basics principles as well as current design practices in the construction of building. Building construction is the process of adding structure to real property or construction of buildings.

Environment Engg. Lab

Environmental engineering is a professional engineering discipline and also a branch of civil engineering. In the civil engineering side, it is useful for different infrastructure facilities like water infrastructure, Wastewater infrastructure, Solid waste management etc.

	Environment Engg. Lab is located on first floor and required well equipped instruments like, PH Meter, Turbidity Meter, Conductivity Meter, Sound level meter Water Quality Analyser, BOD Incubator High Volume Sampler etc. This different equipment is mostly useful for measurement of characteristics of water and waste water.
Transportation Engineering Lab 	The laboratory of transportation engineering in the Civil Engineering Department is well equipped with all the required instruments and equipments that are helpful in the overall understanding and practical knowledge of a student. We have the instruments such as Aggregate Impact Testing Machine, CBR, Los Angeles Abrasion Testing instrument, Crushing Strength Test Apparatus, Hot Air Oven, Ductility Test Apparatus, Penetration Test Apparatus, Flash & Fire Test Apparatus, Viscometer and Bitumen Extractor etc. The following are the list of Practicals to be performed in the laboratory.
Computer Lab 	Computer Laboratory has the capacity of 30 computers with separate students' individual interactions to give through understanding of the course of Computer Programming & Utilization. The Computers are installed with basic all software with downloading facilities for the students by providing separate login id to each students. The laboratory is also used by the final year students for their project/research work. The laboratory is well equipped with UPS and Air conditioning facilities
Concrete Technology Lab	The department has well-equipped laboratories pertaining to Concrete Technology. The Concrete Technology Laboratory is located on the ground floor of Civil Engg. block. The lab

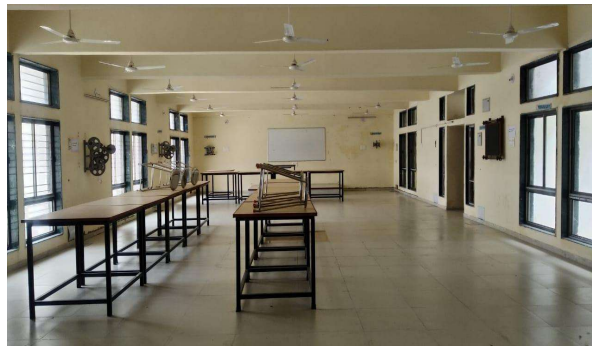


I/C is Asst. Prof.N.R.Kotiya. The Concrete Technology laboratory is equipped with basic as well as advanced facilities related to field and laboratory testing for evaluation of properties of cement, aggregate, admixture and concrete.

Major Equipments:

- Concrete Mixer
- Compression Testing Machine (300T)
- Flexure testing machine
- Mortar Mixer
- Motorized sieve shaker
- Slump Test Apparatus
- Rebound Hammer
- Hot Air Ovens

Mechanics of Solids Lab



The laboratory is equipped with various equipment, which enable students to comprehend properties of different materials such as hardness, elasticity, ductility, different types of stresses etc.

Major Equipments:

- Universal Testing Machine (100T)
- Rockwell cum Brinell Hardness Testing Machine
- Izod Impact Testing Machine
- Friction Slide Apparatus
- Wheel & Differential Axle
- Compound Lever Apparatus
- Moment of Inertia Flywheel, etc.

Geotechnical Engineering Lab



The laboratory of Geotechnical engineering in Civil Engineering Department is well equipped with all the required instruments and equipments that are helpful in the overall understanding and practical knowledge of a student. We have the instruments such as Direct Shear Testing Machine, CBR, Proctor test Automatic Compactor, Laboratory Permeability test, Sieve shaker, Casagrande Apparatus, Core Cutter, Hot Air Oven, Auger, Split spoon sampler, Consolidation Apparatus etc.

MECHANICAL ENGINEERING DEPARTMENT

Mechanical Measurement and Metrology Lab



Mechanical Measurement and Metrology laboratory facilities are located in the Mechanical Workshop block. This laboratory facilitates the students of 4th semester for the courses MMM.

OBJECTIVES

The objectives of Mechanical Measurements & Metrology lab are

- To demonstrate the theoretical concepts taught in Lecture of Mechanical
- Measurements & Metrology.
- To understand and use various measuring tools and instruments.
- To understand calibration of various measuring devices.

OUTCOMES

The expected outcome of Mechanical Measurements & Metrology lab is that the students will be able



- To understand the basic measurement units and able to calibrate various measuring devices and also instruments.
- To indicate error and correction factors of various measuring devices.
- To use measuring tools such as Sine Bar, Sine Center, Bevel Protractor, Tool Maker Microscope, Gear Tooth Micrometer, Optical Flats etc

Instruments Available:

- Gauges,
- Bevel Protector
- Vernier Callipers
- Micrometer
- Sine Bar
- Combination Set
- Digital Tachometer
- Gear Tooth vernier
- Screw Thread Micrometer
- Digital Sound Level Meter
- Bevel Protector
- Surface Roughness tester
- Ultrasound thickness gauge
- Pressure transducer



Mechanical Work Shop Block

Laboratories:

1. Manufacturing Processes-I
2. Manufacturing Processes-II
3. Production Technology



Mechanical Work Shop Block

Manufacturing Processes and Production Technology laboratory facilities are located in the Mechanical Workshop block. This laboratory facilities are utilized by the students of 3rd, 4th, 7th and 8th semester for the courses MP-I, MP-II and Production Technology.

Major Equipments:

- All Geared Lathe Machine
- Universal Milling Machine
- Standard Shaper
- Slotter Machine



- Capstan Lathe Machine
- Drilling Machine
- Up-Right Drill Machine
- Table Top Grinding Machine

- Wood Working Lathe
- CNC Lathe Trainer
- Electro Discharge Machine
- Demonstration Boards:
 - Lathe Cutting Tools
 - Drill Cutting Tools
 - Milling Cutters
 - Arc Welding Setup
 - Arc Welding Setup
 - Gas Welding Setup
 - TIG Welding Setup
 - Spot Welding Machine
 - Sand Casting Setup
 - Cop and Drag Setup
 - Metal Melting Setup

CAD LAB

We have 55 pcs available to run appropriate modeling and Analysis/Simulation software and to perform most common computing task.

- MATLAB 2019
- Ansys

I. C./Auto Lab

This laboratory is located at the basement floor of Mechanical block (Room no. 5012). Laboratory has been developed by Asst. Prof. A. D. Patel. This laboratory facilitates the students of 6th and 8th semester for the courses I. C. Engine (2161902) and Automobile Engineering (2181915). IC/Auto lab aims to develop state-of-art experiments performed by under graduate students related to Internal Combustion Engines performance, instrumentation & control and Automobile vehicles layouts. Various cut sectional equipments contains actual systems, apart from being life-sized. Constructional and working details of every equipments, systems and models are clearly exposed.

Major Equipments:

1. Cut sectional single cylinder four stroke diesel engine
2. Cut section of four-wheel drive with differential & rear axle.
3. Cut section of four cylinder four stroke petrol engine.
4. Cut sectional two stroke single cylinder petrol engine



During each academic year total 15 experiments are conducted in this laboratory. This laboratory gives great exposure of automobile vehicle systems to the students.

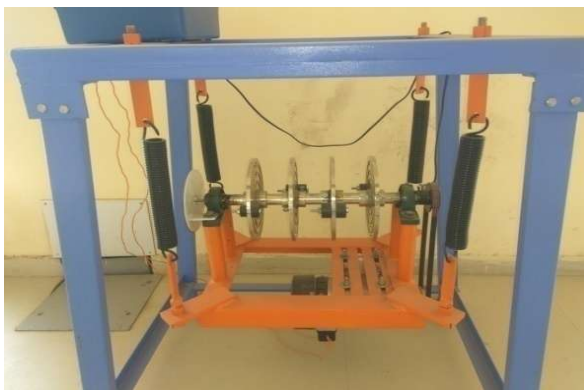
TOM/ DOM/ KOM Lab



Mechanisms form the basis of any machine and it is an assemblage of rigid bodies so that they move upon each other with definite relative motion.

Objectives of this Theory of Machines lab/ Kinematics of Machines and Dynamics of Machine lab are to impart practical knowledge on design and analysis of mechanisms for the specified type of motion in a machine. With the study of rigid bodies motions and forces for the transmission systems, machine kinematics and dynamics can be well understood.

Demonstration exercises are provided with wide varieties of transmission element models to understand machine kinematics. Various experiments with governors, gyroscopes, balancing machines and universal vibration facilities are available to understand machine dynamics.



This lab has different table-top model of Pairs and Mechanism where students can study the performance characteristics of those mechanism. Students can strengthen their basic understandings of working and applications of these models.

They can study different types of vibration as well as Balancing Concept, moreover use of sensor in measuring many mechanical parameters such as speed, vibration, amplitude, motion and the acquisition of data in those set-up impart a practical knowledge to the students for designing any experimental set-up.



The facility has been developed for 3rd / 5th and 6th semester students by Asst. Prof. K.V. Patel.



Thermal Lab:



Thermal lab is located on the ground floor of Mechanical engineering department block in Room no. 5010. This laboratory equipped with number of test rigs related to following courses for performing the practical on:

1. Heat Transfer
2. Refrigeration and Air Conditioning
3. Power Plant Engineering

Following are the major Equipments of this lab.



1. Heat transfer through composite wall apparatus
2. Test rig for emissivity measurement
3. An apparatus for natural convection
4. An apparatus for force convection
5. Test rig for critical radius of insulation for a cylinder
6. Vapour compression Refrigeration test rig
7. Ice plant tutor
8. Electrolux refrigerator test rig
9. Force draft cooling tower test rig



Charts prepared by the students are also displayed in laboratory for easy understanding of the courses.

Fluid Mechanics, Fluid Power and Control Engineering Laboratories



Fluid Mechanics, Fluid Power and Control Engineering Laboratories are located at room no 5009 of Mechanical Engineering Department. These laboratories include test rigs and facilities to perform practical of following courses:

1. Fluid Mechanics
2. Fluid Power Engineering
3. Control Engineering

Following are the major Equipments of this lab.

1. Hydraulic Test Bench Rig
2. Centrifugal Pump Test Rig
3. Pelton Wheel Turbine Test Rig
4. Francis Turbine Test Rig
5. Reciprocating Pump Test Rig
6. Reciprocating Compressor
7. Hydraulic trainer with simulation software

Material Science and Metallurgy

Following are the major Equipment's of this lab:

MSM Lab has Inverted Metallurgical Microscop with camera for analysis of microstructures of metals. It is equipped with material Plus software which is useful for students to get colour image of microstructures, report of grain size, report of grain count, report of density and grain distribution. This laboratory also has 23 nos. of ready prepared specimens of steels and cast iron for students to study the course with live microstructure demonstration.



Metallography specimen polishing machine is suitable for the polishing of the specimen which has been grinded. The specimen surface is very smooth after processing and can be used to observe and measure the metallography structure of specimen under microscope.

RAPID PROTOTYPING LABORATORY

The **Creality K1 Max** is a high-speed, large-format **FDM 3D printer** designed for engineering applications, rapid prototyping, product development, and educational laboratories.

Main Highlights:

- **Build Volume:** 300 × 300 × 300 mm for large prototypes and components.
- **High Speed:** Up to 600 mm/s with acceleration up to 20,000 mm/s².
- **CoreXY Design:** Provides stable and precise high-speed movement.
- **AI LiDAR & Camera:** Supports first-layer calibration, print-failure detection, and remote monitoring.
- **Automatic Bed Levelling:** Simplifies setup and improves print reliability.
- **High-Temperature Hotend:** Up to 300°C, enabling engineering-grade materials.
- **High Flow Rate:** Up to approximately 32 mm³/s for rapid material deposition.
- **Direct-Drive Extruder:** Ensures reliable and controlled filament feeding.

	• Input Shaping: Reduces ringing and vibration artifacts. • Connectivity: Wi-Fi and Ethernet for remote operation and monitoring. • Enclosed Chamber: Helps maintain stable printing conditions. • Material Compatibility: Supports PLA, PETG, TPU, ABS, ASA, PA, PC, PLA-CF, PA-CF, and PET-CF, with appropriate settings.
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C. New initiatives taken to make teaching-learning process more interactive**COMPUTER ENGINEERING DEPARTMENT**

Sr. No.	Teaching-Learning Tool Used	Name of Course and Semester	Teaching-Learning Tool Used	Details	Staff
1	ICT	CN -5 th Sem OOP-4 th Sem, IOT-6 th Sem	Audio-visual tools including NPTEL videos & other related websites	The regular and remedial theory classes have been effectively conducted through ICT tools.	Dr. R. H. Jaiswal
2	ICT	PPS- 1 st Sem DF- 3 rd Sem DS- 3 rd Sem MPI- 6 th Sem COA- 4 th Sem	Audio-visual tools including NPTEL videos & other websites	The regular and remedial theory classes have been effectively conducted through ICT tools.	Prof. K. M. Gohel
3	ICT	CN-5 th Sem DBMS-3 rd Sem ADA-4 th Sem TOC-6 th Sem PDS-6 th Sem WP-6 th Sem AJP-6 th Sem	Audio-visual tools including NPTEL videos & other websites	The regular and remedial theory classes have been effectively conducted through ICT tools.	Ms. R. R. Patel

ELECTRICAL ENGINEERING DEPARTMENT

Sr. No.	Teaching-Learning Tool Used	Name of Course and Semester	Teaching-Learning Tool Used	Details	Staff
1	ICT	NMEE-3 rd Sem PS-I-4 th Sem, PS-II-5 th Sem WSE-6 th Sem IPS-6 th Sem EHV-7 th Sem HVE- 7 th Sem	Audio-visual tools including NPTEL videos	The regular and remedial theory classes have been effectively conducted through ICT tools.	Dr. A. M. Patel
2	ICT	BEE- 2 nd Sem NMEE-3 rd Sem ECA- 3 rd Sem DM-5 th Sem IPDC- 5 th Sem	Audio-visual tools including NPTEL videos	The regular and remedial theory classes have been effectively conducted through ICT tools.	Prof. B. R. Patel

Sr. No.	Teaching-Learning Tool Used	Name of Course and Semester	Teaching-Learning Tool Used	Details	Staff
		IPDC- 6 th Sem			
3	ICT	BEE- 2 nd Sem DT-2 nd Sem IC-3 rd Sem ADE- 3 rd Sem EM- 4 th Sem PET- 5 th Sem	Audio-visual tools including NPTEL videos	The regular and remedial theory classes have been effectively conducted through ICT tools.	Prof. H. N. Chaudhary
4	ICT	PPS- 1 st Sem AI-2 nd Sem NMEE-3 rd Sem S&S-4 th Sem S&S-5 th Sem EM-II-5 th Sem MM- 6 th Sem	Hardware projects	Projects are given to group of students for interfacing 8051 microcontroller with hardware circuits for specific application	Prof. H. V. Hirvaniya
5	ICT	EM-I- 3 rd Sem EM-II- 5 th Sem EM-II- 4 th Sem PE-4 th Sem IES- 7 th Sem	Audio-visual tools including NPTEL videos	The regular and remedial theory classes have been effectively conducted through ICT tools. Simulation, Virtual laboratory and IEEE review paper and based learning has been carried.	Prof. M.G. Prajapati
6	ICT	BEE- 1 st Sem AI-2 nd Sem DT- 2 nd Sem EMMI-6 th Sem MM-6 th Sem HVE-7 th Sem IA- 7 th Sem	Audio-visual tools including NPTEL videos	The regular and remedial theory classes have been effectively conducted through ICT tools.	Prof. M. K. Patel
7	ICT	BEE- 1 st Sem BEE- 2 nd Sem DT- 2 nd Sem NMEE-3 rd Sem PS-1- 4 th Sem DM- 5 th Sem SGP- 7 th Sem IPS-7 th Sem	Audio-visual tools including NPTEL videos	The regular and remedial theory classes have been effectively conducted through ICT tools.	Prof. J. H. Patel
8	ICT	BEE- 1 st Sem DT- 2 nd Sem ESSRE-2 nd Sem PET-5 th Sem	Audio-visual tools including	The regular and remedial theory classes have been effectively conducted through ICT tools.	Prof. R.B. Chaudhary

Sr. No.	Teaching-Learning Tool Used	Name of Course and Semester	Teaching-Learning Tool Used	Details	Staff
		EMMI- 6 th Sem EMAT-6 th Sem ACMD-7 th Sem	NPTEL videos		

CIVIL ENGINEERING DEPARTMENT

Sr. No.	Teaching- Learning Tools used	Details	Name of Faculty
1	ICT, Audio-Visual tools including NPTEL Videos Site Visits	The regular and Remedial classes have been effectively conducted through ICT Tools. Field visits arranged and Virtual labs used	Prof. V.J.Chitaria
2	PowerPoint Presentation, Hands on Practice of surveying instruments. Simulation of lab experiments. Active learning Assignments	The lectures were conducted using ICT and Powerpoint Presentation in blended mode. The laboratory Experiments were Performed by allowing students to operate the surveying instruments. Active learning assignments and Open ended problems were given to improve capability to solve real life problems.	Prof. H.U.Patel
3	Role play activity, Case studies, PPT, Video Lectures of NPTEL,	The courses were delivered in a hybrid fashion combining ICT and PowerPoint presentations. Role play activity and case studies were conducted on recent real life problems. Laboratory sessions were conducted using softwares. Animated videos related to topic were shown wherever necessary.	Prof. V. H. Khokhani
4	NPTEL Videos, Powerpoint presentation, Presentation autocad software in BTP lab	The lectures were conducted by using NPTEL Videos. Used PPT and ICT tools. Education given by Field visit. Drawing by autocad software in BTP lab. lab Experiments were explained to operate the instruments of EE.	Prof. S. G. Chauhan

5	Digital video, Presentation software Google forms	Use the power of video to help students to develop technical skills, using powerpoint presentation, handouts notes pages, setting up animations and images, With the help of the Google form quizzes, evaluations can be done so easily.	Prof. U.R. Patel
6	ICT Powerpoint Presentation, Online Video Lectures, Test Simulation Videos, Active learning topic. OEP Problems	The lectures were conducted using ICT and Power point Presentation. The laboratory Experiments were described using online video lectures and test simulation videos. Active learning assignments were given to improve presentation skills. Open ended problems were given to improve computational skills.	Prof N.R.Kotiya
8	Digital video, Presentation software Google forms	Use the power of video to help students to develop technical skills, using powerpoint presentation, handouts notes pages, setting up animations and images, With the help of the Google form quizzes, evaluations can be done so easily.	Prof. M.N.Prajapati

D. Innovative Assessment Methodologies

COMPUTER ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related course	Class	Name of staff
1	Rubrics based Progressive Assessment	CN, OOP, IOT	4 th , 5 th , and 6 th Semester	Dr. R. H. Jaiswal
2	Rubrics based Progressive Assessment	PPS, DF, DS, MPI, COA	1 st , 3 rd , 4 th and 6 th Semester	Prof. K. M. Gohel
3	Rubrics based Progressive Assessment	CN, DBMS, ADA, TOC, PDS, WP, AJP.	3 rd , 4 th , 5 th and 6 th Semester	Ms. R. R. Patel

ELECTRICAL ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related course	Class	Name of staff
1	Rubrics based Progressive Assessment	NMEE, PS-I, PS-II, WSE, IPS, EHV, HVE	3 rd , 4 th , 5 th , 6 th and 7 th Semester	Dr. A. M. Patel
2	Rubrics based Progressive Assessment	BEE, NMEE, ECA, DM, IPDC, IPDC	2 nd , 3 rd , 5 th and 6 th Semester	Prof. B. R. Patel
3	Rubrics based Progressive Assessment	BEE, DT, IC, EM, ADE, PET	2 nd , 3 rd , 4 th and 5 th Semester	Prof. H. N. Chaudhary
4	Rubrics based Progressive Assessment	PPS, AI, NMEE, S&S, S&S, EM-II, MM	1 st , 2 nd , 3 rd , 4 th , 5 th and 6 th Semester	Prof. H. V. Hirvaniya
5	Rubrics based Progressive Assessment	EM-I, EM-II, EM-II, PE, IES	3 rd , 4 th and 7 th Semester	Prof. M.G. Prajapati
6	Rubrics based Progressive Assessment	BEE, AI, DT, EMMI, MM, HVE, IA	1 st , 2 nd , 6 th and 7 th Semester	Prof. M. K. Patel
7	Rubrics based Progressive Assessment	BEE, BEE, DT, NMEE, PS-1, DM, SGP, IPS	1 st , 2 nd , 3 rd , 4 th , 5 th and 7 th Semester	Prof. J. H. Patel
8	Rubrics based Progressive Assessment	BEE, DT, ESSRE, PET, EMMI, EMAT, ACMD	1 st , 2 nd , 5 th , 6 th , and 7 th	Prof. R.B. Chaudhary

CIVIL ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related subject	Class	Name of staff
1	ACTIVE LEARNING ASSESSMENT BY PRESENTATION EVALUATION	SM GT CT	2nd year and 3rd year	Prof. N.R.Kotiya
2	STUDENTS WERE ASSESSED THROUGH PROGRAM DEVELOPED IN MICROSOFT EXCEL	EEEC	7TH	Prof. V. H. Khokhani

3	Active Learning Strategies Like reciprocal questioning to encourage an open dialogue in which students take on the role of the teacher and create their own questions about a topic, reading section, or lesson.	CT TOS BSA	2nd year and 3rd year	Prof M.N.Prajapati
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MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related Course	Class	Name of Faculty
1	Case study base teaching in subject advance manufacturing process	Advance Manufacturing Process	Third year	Prof. A R Chaudhari
2	Content interaction through NPTEL resources and learning materials (Topic wise link shared with students)	REE, AT, CAD	Third year	Prof. ABP, SKD
3	Industrial visit for third year students at iACE, Gandhinagar to create awareness in resent trends in automobile industry and at IGTR with Wintech India Pvt Ltd, Ahmedabad.	All current subjects	Third year	Prof. VDP, ADP, SKD, ARC
4	Online Quiz based assignments and improvement quiz in renewable energy engineering.	All current subjects	All Sem	All Staffs
5	Case study base presentation in Quality and Reliability Engineering.	Quality and Reliability Engineering	Final Year	Prof. BDP
6	Demonstration of machining processes through videos	Manufacturing	All Sem	Prof.AKP
7	One day workshop at PDEU	Advanced Manufacturing	8th sem	Prof. ADP
8	Students were taken to attend for the welding seminar at iACE, Gandhinagar	Manufacturing	8h sem	Prof. ADP

CO-CURRICULUM ACTIVITIES

A. Student Induction Program

(For 1st year students)

From: 23/06/2025 to 11/07/2025 (A. Y.: 2025-26)

Background

Induction Program was discussed and approved for all colleges by AICTE in March 2017. It was discussed and accepted by the Council of IITs for all IITs in August 2016. It was originally proposed by a Committee of IIT Directors and accepted at the meeting of all IIT Directors in March 2016.

Preamble

The goal of engineering education is to train engineering graduates well in branch of admission, have a holistic personality and must have desire to serve society and nation. It is expected that an engineering graduate work for solving the problems of society using the modern technologies and practices. That needs the broad understanding of the society and relationships. It is needed to cultivate the human values in engineering graduates to fulfil his responsibilities as an engineer, a citizen and a human being.

Considering the various social backgrounds and whether a student comes from the urban or rural areas they differ in many of the life skills and their abilities and thinking. Their branch of admission may be due to rush; their interest in subject is question. They are facing the issues like hostel and settlements, pressures from peers and many related issues. To overcome such issues, it is necessary to create an environment for students so that they feel comfortable, find their interest and explore their inner beings, create bonding with other students, establish relation with teachers, work for excellence, get a broader view of life and practice human values to build characters. The Induction Program covers the various activities which enables them to overcome all such issues and motivates them to perform well in their chosen branch of admission.

3-week long induction program was proposed for the UG students entering the institution, right at the start. Normal classes start only after the induction program is over. Its purpose is to take the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature.

Scheme

Following scheme for the induction program was suggested by Gujarat technological university:

Sr. No.	Name of Modules	Hours
Module 1	Universal Human Values I (UHV I)	10
Module 2	Physical Health and Related Activities	24
Module 3	Familiarization of Department/ Branch and Innovation	02
Module 4	Visit to a Local Area	06

Module 5	Lectures by Eminent People	02
Module 6	Proficiency Modules	04
Module 7	Literature / Literary Activities including Indian Knowledge System-I (IKS-I)	16
Module 8	Creative Practices	24
Module 9	Other Co-curricular Activities	02
Total Hours:		90

Institute Induction Program Cell

To run this program successfully Institute Induction Program Cell (IIPC) was designed on 02/06/2018 with one head and three members.

Sr. No.	Name of Officer	Designation	Position in committee
1	Prof. A. D. Patel	Asst. Professor Mech	Head
2	Prof. K. G. Prajapati	Asst. Professor Elect.	Member
3	Prof. S. G. Chauhan	Asst. Professor Civil	Member
4	Prof. Surajkumar Modi	Asst. Professor Mining	Member

Duty was assigned to IIPC is to carry out the activities and successful implementation of three week mandatory student induction program at the institute.

FDPs

1. First Faculty development program for 3 days was held from 5/6/18 to 7/6/18 at Ganpat University, Kherva. Prof. A. D. Patel, Prof. K. G. Prajapati and Prof. Jugnu H. Patel had attended this program.
2. Second Faculty development program for 7 days was held from 30/6/18 to 6/7/18 at GTU, Ahmedabad. Prof. A. D. Patel, Prof. K. G. Prajapati and Prof. S. G. Chauhan had attended this program.
3. Online FDP on “Inculcating Universal Human Values in Technical Education” was arranged from 26-4-20 to 30-4-20. It was attended by Prof. A. D. Patel.

Institute Time Table for Induction Program

To run induction program as per the above-mentioned scheme following time table was prepared:

Time Table (2025-26)

Date	DAY	Time	Activity	Staff
23/6/25	Monday	10:30 to 12:30	Familiarization of Department/Branch and Innovation	ADP/HVH/SGC
		1:00 to 3:00	Creative Practices	KMG
		3:10 to 5:10	Physical Health and Related Activities	KMK
		10:30 to	Lectures by Eminent People	VJC

24/6/25	Tuesday	12:30		
		1:00 to 3:00	Creative Practices	RBC
		3:10 to 5:10	Physical Health and Related Activities	CGP
25/6/25	Wednesday	10:30 to 12:30	Universal Human Values I (UHV I)	SGC
		1:00 to 3:00	Creative Practices	AKP
		3:10 to 5:10	Physical Health and Related Activities	PKG
26/6/25	Thursday	10:30 to 12:30	Universal Human Values I (UHV I)	MGP
		1:00 to 3:00	Creative Practices	KMG
		3:10 to 5:10	Physical Health and Related Activities	KMK
27/6/25	Friday	10:30 to 12:30	Universal Human Values I (UHV I)	MGP
		1:00 to 3:00	Creative Practices	RBC
		3:10 to 5:10	Physical Health and Related Activities	CGP
30/6/25	Monday	10:30 to 12:30	Universal Human Values I (UHV I)	ADP
		1:00 to 3:00	Creative Practices	AKP
		3:10 to 5:10	Physical Health and Related Activities	PKG
1/7/2025	Tuesday	10:30 to 12:30	Universal Human Values I (UHV I)	ADP
		1:00 to 3:00	Creative Practices	KMG
		3:10 to 5:10	Physical Health and Related Activities	KMK
2/7/2025	Wednesday	10:30 to 12:30	Literature/Literary Activities including IKS-I	MKP
		1:00 to 3:00	Creative Practices	RBC
		3:10 to 5:10	Physical Health and Related Activities	CGP
3/7/2025	Thursday	10:30 to 12:30	Literature/Literary Activities including IKS-I	MKP
		1:00 to 3:00	Creative Practices	AKP
		3:10 to 5:10	Physical Health and Related Activities	PKG
4/7/2025	Friday	10:30 to 12:30	Literature/Literary Activities including IKS-I	MKP
		1:00 to 3:00	Creative Practices	KMG

		3:10 to 5:10	Physical Health and Related Activities	KMK
7/7/2025	Monday	10:30 to 12:30	Literature/Literary Activities including IKS-I	MKP
		1:00 to 3:00	Creative Practices	RBC
		3:10 to 5:10	Physical Health and Related Activities	CGP
8/7/2025	Tuesday	10:30 to 12:30	Literature/Literary Activities including IKS-I	HUP
		1:00 to 3:00	Creative Practices	AKP
		3:10 to 5:10	Physical Health and Related Activities	PKG
9/7/2025	Wednesday	10:30 to 12:30	Literature/Literary Activities including IKS-I	HVH
		1:00 to 3:00	Literature/Literary Activities including IKS-I	HVH
		3:10 to 5:10	Proficiency Modules	HUP
10/7/2025	Thursday	10:30 to 12:30	Other Co-curricular Activities	PNB
		1:00 to 3:00	Literature/Literary Activities including IKS-I	HUP
		3:10 to 5:10	Proficiency Modules	PNB
11/7/2025	Friday	10:30 to 5:30	Visit to a Local Area	ADP/HVH/SGC
Instructions: 1) Plan distribution of activities suggested in attached Induction Program Manual with mutual understanding with staff who is in sharing. 2) Take 3 to 4 photos of every session and send to Prof. A D Patel via whatsapp. 3) Activities of IIPC should be covered as per GTU Induction Program Manual which is sent you via mail/whatsapp.				

Each and Every activity was conducted and monitored.

Activities Performed during Induction Program

1. Initial Phase (First Day)

Following are the activities which were carried on the first day (23/06/2025):

- Orientation Programme
- Know your Department/Institute
- Know your university
- Know hostel and other amenities

● Information about Student Diary and Induction Program

Detailed schedule was as under:

Sr. No.	Information	Name of Staff	Duration	Time (min.)
1	Gathering and attendance	-	30min	10:30 to 11:00
2	Prarthana	-	3min	11:00 to 11:03
3	Welcome speech	Prof. A. D. Patel	2min	11:03 to 11:05
4	Occasional Speech	Dr. K. B. Judal (Principal)	10min	11:05 to 11:15
5	Scholarship/ Student Section/ About University/ Hostel/ Induction Programme	Prof. A. D. Patel	15min	11:15 to 11:30
6	Know your Department/Institute	Respective department FY class coordinator	60min	11:30 to 12:30

2. Regular phase (24/06/25 to 11/07/25)

The Regular Phase was of 14 days, each day was of 6 hours. It covered all the 9 different activity modules.

(a) Physical Activity

Following activities were covered for 24 hours.

- Daily for 15 min parade session was held to teach discipline, power of unity and manner to the students.
- Every day for 30 min various yard work, tree plantation, tree/plant maintenance, Gardening, cleanliness etc.
- Two session for the awareness regarding how and why to do Yoga was planned. Mr. Prabhudas (Yog expert) was invited.
- Various outdoor Sports and Indoor Games like મંડલ અંદર, વિષ-અમૃત, ઝેરી દેડકો, કબડ્ડી, ખો, મેદાન, etc. were Included. Students were enjoyed these all games very much.



(b) Creative Arts

Following activities were covered for 24 hours:

- i. On the very first day of this activity all the students were bifurcated as per their area of interest. Selected arts were Drawing/Painting, flute, Dance, Singing and Drama. Demonstrated the story of leaders with the context of how with their creative vision, with all odds they achieved success.
- ii. Group of 8 senior students was formed to carry out these five arts who are having lead in the same.

During this activity students had got good exposure to their artist ability, creativity and imagination. Students were equipped with tools and techniques.

(c) Universal Human Values

Following activities were covered for 10 hours:

- i. Showing Motivational Movie “Arunima Sinha: On top of the world”.
- ii. Students made aware regarding environmental issues and remedies
- iii. Students were taught the difference between **SUKH** and **SUVIDHA**. Initiated the process of self-exploration and self-investigation within themselves about their understanding of happiness.
- iv. Autobiography of A.P.J. Abdul kalam and Gandhiji were discussed who practiced universal human values in their life and work.
- v. Conducted universal human values group discussions.

(d) Literary

Following activities were covered for 16 hours:

- i. Digital literacy
- ii. Use of Internet
- iii. Basic Mathematics for Solving Real World Problems
- iv. Use of Scientific Calculator in Engineering
- v. General Knowledge Quiz Competition (60 questions for 1hr)

- vi. Vedic Mathematics
- vii. Reading/writing/speaking/listening
- viii. Elocution/Debate



By these activities students would be developed their thinking skills and improved reading abilities and attitude. Students were motivated to create the nature of inquiry and reading habits.

(e) Proficiency modules

Following activities were covered for 4 hours:

- i. To conduct this module English teacher was hired from external source.
- ii. To determine student's English proficiency level, general English diagnostic test in form of MCQ and formal both were taken. According the result students were grouped in satisfactory, satisfactory and good level.
- iii. Learnt them vocabulary, idioms, and expressions and understand their meanings in context.
- iv. Developed ability to write a paragraph about general topics by using the English language correctly.
- v. Students are mentored to improve in English language according to his/her proficiency level based on test.
- vi. Students were directed to see documentary and played a language games.
- vii. One session of essay and story writing was conducted.

(f) Lectures by Eminent people

Three lectures each of 2 hour were arranged during induction program.

On 24/06/2025, an enlightening lecture was delivered by Prof. V. J. Chitaria. He shared his inspiring life journey and discussed the significance of spirituality, perseverance, and lifelong learning in achieving success. He motivated the students to cultivate discipline, integrity, and a passion for acquiring knowledge. His interaction encouraged the newly admitted students to set meaningful goals, overcome challenges with confidence, and build a successful and fulfilling engineering career while contributing positively to society.

(g) Visit to Local Area and Industry

- i. On 11/07/2025 for full day visit to local area and Industry was arranged. Total 25 students of mechanical and electrical department were visited banas dairy. Dr. A. D. Patel with other faculty member had accompany the students. They visited cheese plant, packing plant, boiler section and substation division.

During visit students were exposed in their field of engineering and are realized the actual field work.

(h) Innovation

Two hours session under innovation were arranged. Detailed contents of the session are:

1. Lectures by senior faculties.
2. Awareness regarding SSIP Scheme.
3. Awareness regarding Entrepreneurship.
4. Videos demonstrating innovation.
5. Introducing innovative technology/products.

During this session students are made aware with innovative and modern practices and products in particular discipline.

3. Closing Phase (Last Day)

Following are the activities which were carried on the last day:

- Conclusion of the Induction Program.
- Students were guided for preparation of student report.
- Students were instructed regarding submission and examination pattern of the Induction Program.
- Students were addressed by HODs regarding branch/discipline and career option in respective branch. There was a feedback session regarding the way by which induction program conducted in the institute. 5 to 6 students from all branches had given their feedback. They all have appreciated the mode and contents of program conducted. They all were very much thankful to Principal and the faculties who were concern with this induction program.



- Students were made familiarize with department infrastructure, laboratory setup, staff seating and class rooms.

B. Finishing School Program

The institute has organized a skill development training program through Finishing School program for the final year students. A total of 20 hours of training was organized for 7th-semester students in 2025. The sessions were conducted by empaneled trainers who delivered interactive lessons, focusing on functional English skills. The course covered a range of topics, including:

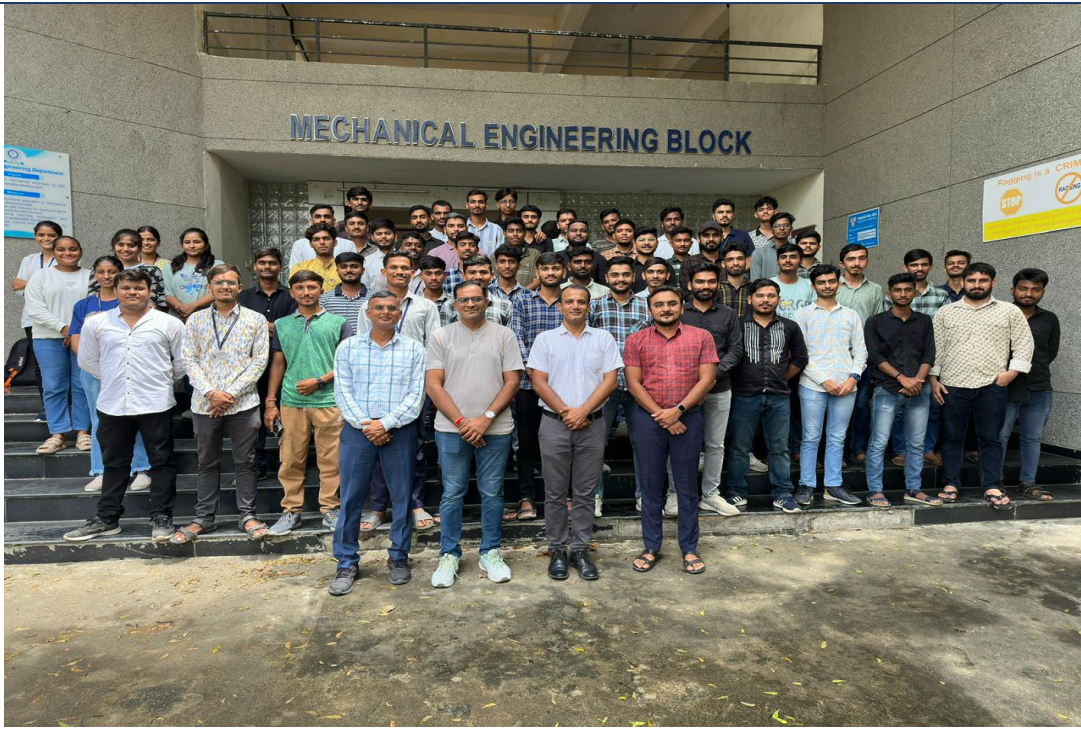
- Cover letter and resume writing
- Presentation skills
- Group discussion
- Interview skills
- Everyday English

The training aimed to enhance students' skills and prepare them for the job market, emphasizing what is expected of freshers in a post-globalized world. Additionally, the program encouraged students to develop self-consciousness and improve their proficiency in speaking a third language. The training was designed to provide students with a thinking approach and equip them with the necessary skills to excel in their careers. By focusing on employability skills and life skills, the institute aimed to make its students more competitive and job-ready.

A.Y. 2025-26

A total of 50 students from the 7th semester (year-2025) registered and participated in the Finishing School training program for the academic year 2025-26

Sr. No.	Name of training	Start Date	End Date	Number of Beneficiary	Beneficiary from Civil	Beneficiary from Mechanical	Beneficiary from Electrical	Beneficiary from Mining
1	Set-B First Phase of 20 hours for Batch 32	18/08/2025	22/08/2025	50	26	14	05	05
2	Set-D First Phase of 20 hours for Batch 32	25/08/2025	30/08/2025	50	26	14	05	05





C. Open House/Tech Events/Poster Presentations/Tech Days

1. Robotics

The Robotics event provided students with an opportunity to demonstrate their technical knowledge, creativity and problem-solving skills through robotics-based activities. It encouraged students to apply concepts related to electronics, programming, automation and mechanical systems in a practical environment.

2. Constructo

Constructo encouraged students to transform their ideas into practical models through creativity, planning and construction skills. The event promoted innovation, teamwork and practical thinking among participants.

3. Quiz-o-Tech

Quiz-o-Tech was a technology-oriented quiz that tested students' technical knowledge, awareness, logical thinking and quick response abilities. It provided an engaging competitive platform for students interested in technology.

4. CADventure

CADventure focused on **2D, 3D and computer-aided design**, allowing students to showcase their technical drawing, visualization and design skills. The event encouraged participants to combine technical accuracy with creativity.

5. Coding

The Coding competition provided students with an opportunity to demonstrate their programming, logical reasoning and problem-solving abilities. Participants applied their coding knowledge to solve challenges in a competitive environment.

6. PCB Master

PCB Master focused on printed circuit board design and electronics. The event provided students with an opportunity to demonstrate their understanding of electronic circuits, PCB concepts and practical electronics skills.

7. E-Sport

The E-Sport event added a competitive gaming component to PRAXES 2K26. It provided students with an enjoyable platform to demonstrate concentration, strategy, quick decision-making and competitive spirit.

8. Treasure Hunt

Treasure Hunt was an exciting activity based on clues, observation, teamwork and logical thinking. Participants worked together to interpret clues and complete the challenge, creating an energetic and engaging experience.

9. Exhibition

The Exhibition provided students with a platform to display their projects, innovative ideas and creative work. It encouraged students to present their work confidently and explain their concepts to faculty members, students and visitors.

10. Debate

The Debate competition encouraged students to express and defend their opinions on selected topics. It helped participants develop communication skills, confidence, critical thinking and logical argumentation.

11. Story on Pic

Story on Pic challenged participants to develop a creative story based on a given picture. The event encouraged imagination, observation, interpretation and effective storytelling.

12. Cooking and Salad Decoration

Cooking and Salad Decoration provided students with an opportunity to demonstrate culinary creativity and presentation skills. Participants showcased their imagination and aesthetic sense through attractive food preparation and decoration.

13. Art

The Art competition provided a platform for students to express their imagination and creativity through artwork. It highlighted the artistic abilities and individual expression of participating students.

14. Photography

The Photography event encouraged students to capture creative and meaningful moments through photography. Participants demonstrated their observation, creativity, composition and visual storytelling skills.

15. Laser Maze

Laser Maze was an engaging challenge requiring concentration, precision and strategic thinking. Participants had to carefully navigate the challenge, making it an exciting combination of skill and problem-solving.

16. Darts – Target

The Darts competition tested participants' accuracy, concentration and hand-eye coordination. It provided students with a simple yet competitive recreational activity and encouraged a healthy spirit of competition.

17. Talent Show

The Talent Show provided students with an open platform to showcase their individual talents and abilities. The performances created an energetic and entertaining atmosphere and highlighted the diverse talents of the students.

18. Mind Marathon

Mind Marathon challenged students' logical reasoning, observation, concentration and quick-thinking abilities. The activity provided an engaging mental challenge and encouraged participants to approach problems creatively.

19. Tower of Hanoi

The Tower of Hanoi event tested students' logical thinking, planning and systematic problem-solving abilities. Participants demonstrated patience and strategic thinking while attempting to complete the puzzle efficiently.

20. Rubik's Cube

The Rubik's Cube competition tested participants' concentration, speed and problem-solving skills. Students competed to solve the puzzle efficiently, making the event an engaging intellectual challenge.

21. Electro

Electro provided students with an opportunity to demonstrate their knowledge and interest in electronics. The event encouraged participants to apply their understanding of electronic concepts in a practical and competitive environment.

22. Poster Presentation

The Poster Presentation event encouraged students to communicate ideas and information through visually attractive and informative posters. It combined subject knowledge, creativity and presentation skills.

23. Writing

The Writing competition provided students with an opportunity to express their thoughts, ideas and creativity through written communication. It encouraged participants to demonstrate their writing ability and effective expression.

24. AI Prompt Battle

The AI Prompt Battle introduced students to the creative use of Artificial Intelligence tools. Participants demonstrated their ability to formulate effective prompts and explore innovative ways of using AI for problem-solving and content creation.

25. Fun Games

Fun Games added a recreational and enjoyable element to PRAXES 2K26. The activities encouraged students to participate enthusiastically, interact with one another and enjoy friendly competition.

Conclusion

In every way, Praxes 2k26 proved to be a remarkable success story, thanks to the dedication and teamwork of the organizing team, volunteers, and participants. More than just a festival of competitions and performances, it reinforced the institution's vision of nurturing well-rounded, innovative individuals. The memories made and lessons learned during Praxes 2k26 will surely continue to inspire students and faculty in the years ahead.

CO-CURRICULUM ACTIVITIES

A.NSS Activities Year 2025-26

Sr. No.	Name of Event	Date
1	One Nation One Election	31/07/2025
2	Raksha Bandhan Celebration	06/08/2025
3	Tiranga Quiz and Selfie with Tiranga	11/08/2024 – 15/08/2025
4	Drone Didi_ Vikas Saptah 2025	08/10/2025
5	Elocution/Speech Competition_ Vikas Saptah 2025	08/10/2025
6	Essay Writing_ Vikas Saptah 2025	08/10/2025
7	Quiz Competition_ Vikas Saptah 2025	08/10/2025
8	Wall Painting_ Vikas Saptah	14/10/2025
9	Vande Mataram Gaan	07/11/2025
10	Awareness on Veer Bal Divas	29/12/2025
11	Run for Swadeshi	12/01/2026
12	Blood Donation and Medical Check up Camp	21/01/2026
13	Awareness on Cancer	05/02/2026
14	Awareness Program on Prevention of Tobacco and Drug	28/02/2026
15	NSS 7 Day Special Camp Report	28/02/2026 - 07/03/2026

1. One Nation One Election

Date: 31-07-2025

Report

An awareness session on 'One Nation One Election' was organized to educate students about simultaneous elections in India. The programme explained the concept, benefits, constitutional aspects, challenges and the importance of electoral literacy. Students actively participated in the interactive discussion, strengthening their understanding of democratic values and responsible citizenship. The programme successfully encouraged critical thinking regarding national governance and electoral reforms. Outcome: Enhanced awareness about democratic processes and active citizenship.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.





**NSS Unit of
Government Engineering College,
Palanpur
and
Gujarat Technological University
organize One Day Awareness Session on**

ONE NATION ONE ELECTION



**31ST JULY, 2025
MECHANICAL SEMINAR HALL
AT 10:30 AM**

2. Raksha Bandhan Celebration

Date: 06-08-2025

Report

The NSS Unit celebrated Raksha Bandhan in collaboration with Brahmakumari Centre. The event promoted unity, harmony, brotherhood and Indian cultural values. Spiritual talks, Rakhi tying ceremony, meditation and cultural activities encouraged mutual respect and social bonding among students and faculty. Outcome: Strengthened social and moral values among participants.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.





3. Tiranga Quiz & Selfie with Tiranga

Date: 11–15 Aug 2025

Report

Students enthusiastically participated in the Har Ghar Tiranga campaign through a national quiz and Selfie with Tiranga initiative. Participants uploaded selfies and joined patriotic activities, promoting respect for the National Flag and constitutional values. Outcome: Increased patriotic awareness and student participation.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.



UNDER HAR GHAR TIRANGA CAMPAIGN



NSS UNIT OF GEC, PALANPUR

ORGANIZE

CAMPAIGN TO UPLOAD SELFIE WITH NATIONAL FLAG

<https://harghartiranga.com/selfie>



11TH TO 15TH AUGUST

4. Drone Didi

Date: 08-10-2025

Report

A special session under Vikas Saptah introduced the Government's Drone Didi initiative. The expert demonstrated agricultural drone applications and explained opportunities for women empowerment, precision agriculture and entrepreneurship. Outcome: Students gained exposure to emerging drone technologies.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.



5. Elocution Competition

Date: 08-10-2025

Report

Students delivered speeches on national development themes including Sustainable Development, Swadeshi, Education and Critical Minerals. The competition improved communication skills, confidence and awareness of national issues.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.



6. Essay Writing Competition

Date: 07-10-2025

Report

Essay competition conducted during Vikas Saptah encouraged students to express innovative ideas on national development and social responsibility while enhancing writing and analytical skills.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.



7. Gujarat Vikas Quiz

Date: 09-10-2025

Report

Quiz competition enhanced participants' knowledge regarding Gujarat's development initiatives through healthy academic competition and active participation.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.



8. Wall Painting – Vikas Saptah

Date: 14-10-2025

Report

Students created wall paintings carrying messages on environment, society and nature. The activity promoted creativity, teamwork and public awareness.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.





9. Vande Mataram Gaan

Date: 07-11-2025

Report

Students and staff collectively sang Vande Mataram and listened to an address highlighting its historical significance, reinforcing patriotism and national unity.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.





10. Awareness on Veer Bal Divas

Date: 29-12-2025

Report

Awareness programme commemorated the sacrifice of Sahibzadas and inspired students with values of courage, patriotism and selfless service.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.



11. Run for Swadeshi

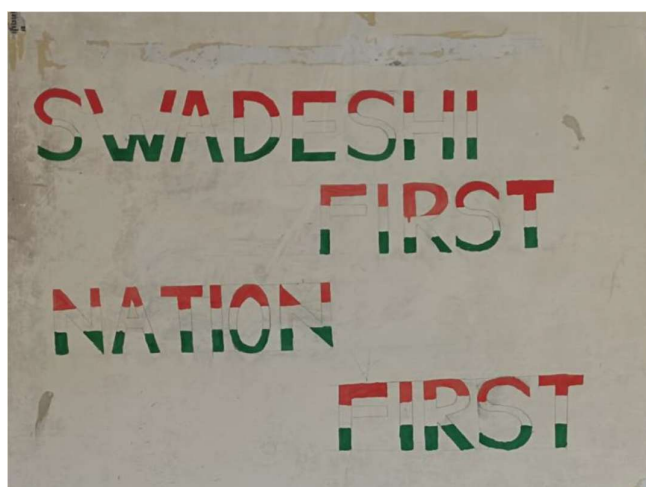
Date: 12-01-2026

Report

A campus run on National Youth Day promoted the concept of Swadeshi, self-reliance and support for indigenous products through active participation.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.





12. Blood Donation & Medical Check-up Camp

Date: 21-01-2026

Report

NSS organized a blood donation and health check-up camp in collaboration with medical organizations. More than 100 units of blood were donated and health screening services were provided, promoting humanitarian service.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.



The poster features three logos at the top: Bharat Vikas Parishad, Government Engineering College Palanpur (ESTD: 2009), and the National Service Scheme. The main text reads: **Bharat Vikas Parishad, Gujarat & NSS Unit of Government Engineering College, Palanpur organize Blood Donation Camp**. Below the text is an illustration of a blood bag labeled 'A' connected by a red line (resembling an ECG) to a large red blood drop held by two hands. At the bottom, there is a QR code, a calendar icon, the date and time **21st January 11:00 AM - 04:00 PM**, a location pin icon, and the text **Mining Department**. A grey banner at the very bottom says **Scan to Register**.





13. World Cancer Day

Date: 05-02-2026

Report

An awareness programme highlighted cancer prevention, early detection, healthy lifestyle practices and the importance of regular medical screening.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.



14. Drug & Tobacco Prevention Awareness

Date: 28-02-2026

Report

At Parpada village, NSS volunteers conducted awareness activities and a street play explaining the harmful effects of addiction and encouraging a drug-free society.

Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.



15. Seven-Day NSS Special Camp

Date: 28 Feb–7 Mar 2026

Report

The special camp at Parpada village involved cleanliness drives, awareness campaigns, health, environmental and community development activities, providing volunteers with practical experience in leadership, teamwork and rural service.

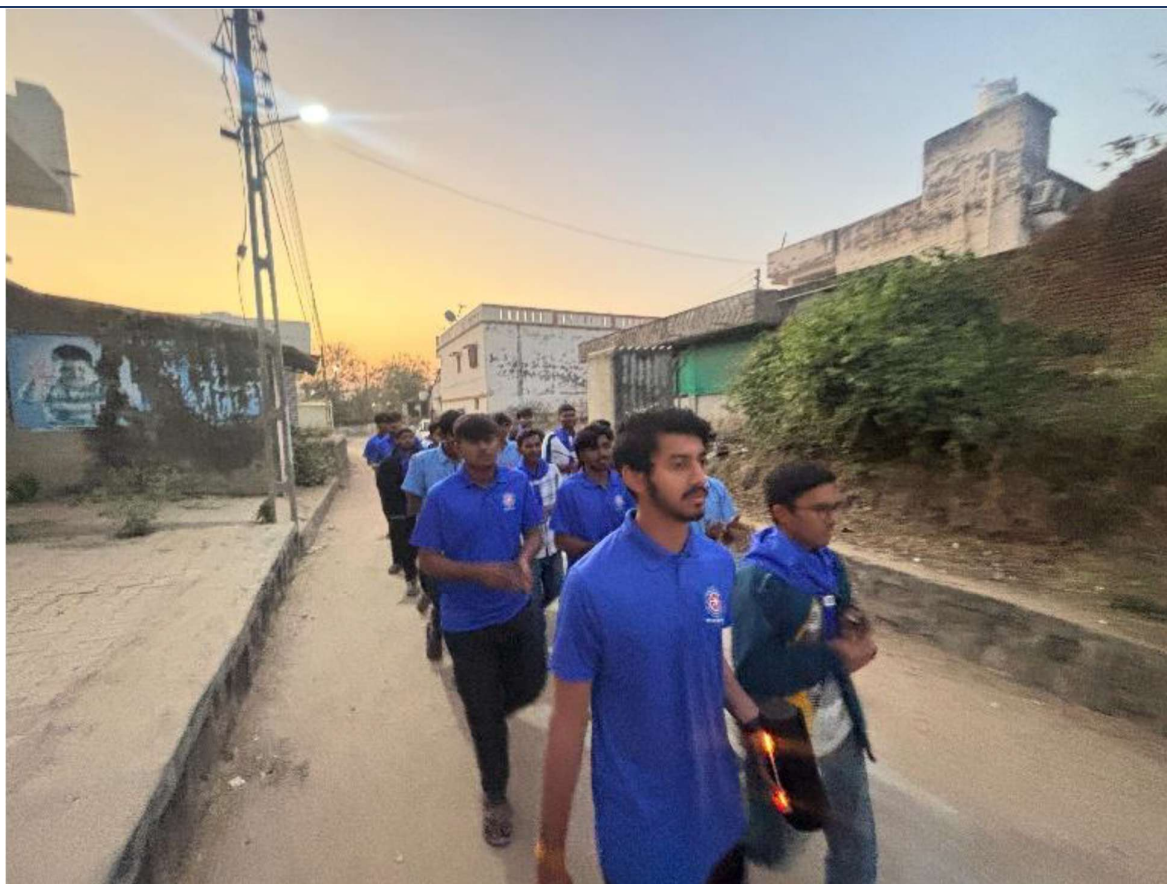
Conclusion

The programme achieved its objectives through enthusiastic participation of NSS volunteers, students and faculty members. It contributed to social awareness, personality development and community engagement in line with the objectives of the National Service Scheme.









B. Gymkhana and Women Development Cell Activities

Digital Empowerment - Session



On August 1, 2025, Government Engineering College, Palanpur, hosted an interactive session on Digital Empowerment for 30 students, celebrating NEP 2020's 5-year milestone. Coordinated by Prof. V.H. Khokhani, the session focused on key digital initiatives like DIKSHA, SWAYAM, NDEAR, and ABC, highlighting their role in modern education. Participants write down their ideas on if “they have digital superpowers then”. Participants also explored crucial new skills such as Artificial Intelligence (AI) and Cyber Security, essential for navigating the evolving digital landscape. Interactive elements included "Digital Superpower" brainstorming sessions and a motivational video showcasing a remote student's access to education through online learning. A significant segment was dedicated to "Online Safety & Privacy," emphasizing the importance of protecting personal information online. At last students took pledge for being digitally empowered. The session effectively equipped students with vital digital literacy and future-ready skills, aligning with NEP 2020's vision.

GYMKHANA CELEBRATIONS

The auspicious occasion of **Guru Purnima 2025** was celebrated with immense reverence and enthusiasm at the Government Engineering College, Palanpur, on **July 10, 2025**. The celebration served as a heartfelt tribute to the guiding presence of the faculty, recognizing their invaluable contribution to the students' lives and academic journey.



Executive Summary

Session Highlights

WDC EVENTS

The event featured a specialized team led by **PSI Belimsaheb** and a dedicated group of female officers from the Palanpur Taluka Police Station. The program was structured into three core pillars:

1. **Self-Defence Techniques**
2. **Legal Rights & Awareness:** PSI Belimsaheb provided an insightful briefing on the legal protections available to women in India. This included discussions on reporting harassment, the importance of the "SHE Team" initiatives, and digital safety in the current tech-heavy environment.

3. **Safety Measures:** The officers shared vital protocols for personal safety during travel and public interactions, encouraging a culture of vigilance rather than fear.

Event Logistics

- **Venue:** Civil Seminar Hall, GEC Palanpur, 18TH Feb 2026
- **Time:** 4:00 PM – 5:00 PM
- **Participants:** Exclusively female students, faculty members, and campus staff (50 Students).
- **Coordinator** -V.H.Khokhani
- **Host** – R.H.Jaiswal



CANCER AWARENESS PROGRAMME WDC 2026

On February 5, 2026, the **Women Development Cell (WDC)** of Government Engineering College, Palanpur, successfully conducted a specialized awareness session focused on women's health and cancer prevention. Organized in collaboration with the **Indian Medical Association (IMA)**, the event served as a proactive platform to educate the campus community on critical health issues that are often overlooked.

Event Highlights

The session was headlined by **Dr. Ami H. Judal**, a distinguished M.S. Gynecologist from Palanpur. The seminar, held in the Electrical Seminar Hall, saw a strong turnout of girl students and female faculty members, reflecting a collective commitment to health literacy.



Event	HIV Awareness Programme
Organised by	Women Development Cell (WDC) and NSS Unit, GEC Palanpur
In Collaboration with	Primary Health Centre (PHC), Ratanpur
Date	Monday, September 29, 2025
Time	11:00 AM
Venue	Civil Engineering Department, GEC Palanpur
Attendees	55



WDC RAKHI MAKING AND RANGOLI COMPETITION

The Rakhi Making and Rangoli Competition was organized on **August 13, 2025**, as a part of the larger "Har Ghar Tiranga" campaign. This initiative, celebrating India's **78th Independence Day**, aimed to merge the traditional festival of Raksha Bandhan with a deep sense of national pride. The event took place in the Civil Seminar Hall at GEC, Palanpur providing a creative space for all participants. The competition was held from

01:00 PM to 2:00 PM. After making Rakhi all together celebrated with Palanpur west police station and traffic police.





Navratri 2025

Detail	Description
Date	Saturday, October 19, 2025
Time	6:00 PM to 10:00 PM
Venue	College Center Garden
Theme	Traditional Garba/Celebration of Maa Jagadambika
Attendance	Students, All Faculty Members, More than 300 students



XITIJ 2025 TEAM GTU TECHFEST 7 OCTOBER 2025

WDC EVENT 14 OCT 2025 WALK FOR HER



REPUBLIC DAY CELEBRATION 2026

Report: Republic Day Celebration 2026

Date: January 26, 2026

Venue: Main Campus Ground

Organized by: Gymkhana Cultural Council & NSS Unit

Overview

The campus resonated with patriotic fervour as we celebrated the 77th Republic Day. The event was a harmonious blend of discipline, cultural heritage, and artistic expression, reflecting the "Viksit Bharat" vision.



DAY CELEBRATION 2026**9 TH TO 13 TH Feb 2026**

C.GEC Palanpur Clubs

1. Techno Club

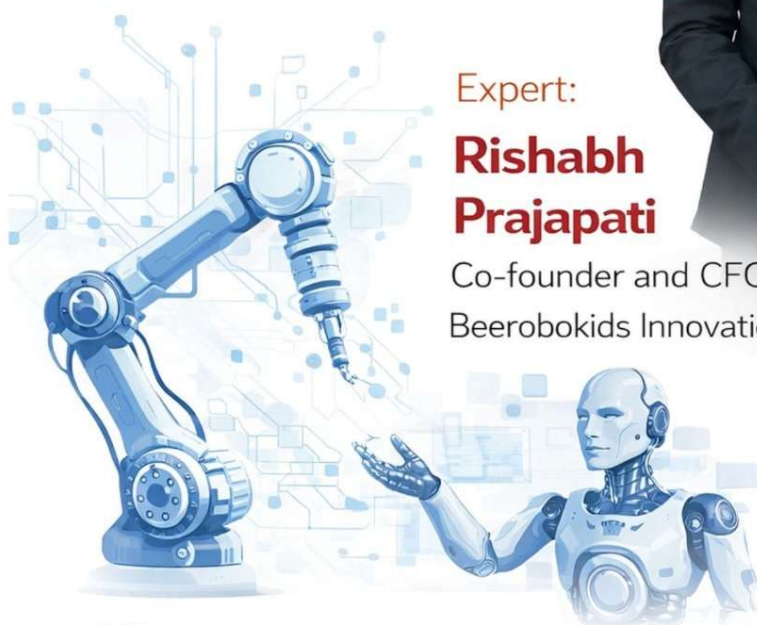


Techno Club

Government Engineering College Palanpur

organize a workshop on

Recent Innovations of AI in Robotics



Expert:

**Rishabh
Prajapati**

Co-founder and CFO of
Beerobokids Innovations Pvt Ltd



Date: 16/02/2026 | Time: 3.00 PM to 5.0 PM

Venue: Seminar Hall, Mechanical Engineering Department

REPORT ON WORKSHOP

1. Introduction

Techno Club of Government Engineering College, Palanpur, in association with the Institution's Innovation Council (IIC), organized a workshop on “Recent Innovations of AI in Robotics” on 16 February 2026. The session was conducted from 3:00 PM to 5:00 PM at the Seminar Hall of the Mechanical Engineering Department. The workshop aimed to expose students to current developments in Artificial Intelligence (AI), robotics, automation and their practical applications.

2. Resource Person

The workshop was conducted by **Mr. Rishabh Prajapati, Co-founder and CFO of Beerobokids Innovations Pvt. Ltd.** The resource person discussed the growing role of AI in robotics and demonstrated concepts using practical, technology-oriented examples.

3. Objectives of the Workshop

- To introduce students to recent innovations in Artificial Intelligence and robotics.
- To explain how AI enables robots to perceive, decide, learn and perform tasks autonomously.
- To familiarize participants with practical tools, platforms and components used in robotics.
- To encourage students to explore innovation, prototyping and interdisciplinary projects.
- To bridge the gap between classroom concepts and emerging industry applications.

4. Major Topics and Activities

The workshop combined an interactive presentation with practical demonstrations. The session included discussion of AI-enabled robotics, automation and the integration of hardware and software. A demonstration involving an Arduino UNO platform was also shown to the participants, helping students relate programming and embedded hardware to robotic systems.

- Fundamentals and recent developments in AI and robotics.
- AI-based perception, decision-making and automation.
- Role of sensors, microcontrollers and embedded systems in robotics.
- Arduino UNO and its relevance to prototyping and robotic applications.
- Technology demonstrations and interactive explanation.
- Scope for student innovation, projects and entrepreneurship in robotics.

5. Participation and Interaction

The workshop received active participation from students and faculty members. The photographs from the session show a well-attended seminar, with students engaging with the presentation and

demonstrations. The interactive format provided participants with an opportunity to understand emerging technologies beyond conventional classroom learning.

6. Key Learning Outcomes

- Participants gained an overview of the current direction of AI-driven robotics.
- Students understood the importance of combining AI, electronics, programming and mechanical systems.
- The Arduino demonstration provided practical context for robotics prototyping.
- Participants were encouraged to think about real-world applications and innovative solutions.
- The session increased awareness of career, project and entrepreneurship opportunities in emerging technologies.

7. Conclusion

The workshop on “Recent Innovations of AI in Robotics” was a valuable technical and innovation-oriented activity organized by Techno Club, Government Engineering College, Palanpur. The combination of conceptual discussion, practical demonstration and direct interaction made the session useful for students from different engineering backgrounds. The workshop successfully promoted awareness of emerging AI and robotics technologies and encouraged more than **70 students** to pursue hands-on experimentation, innovation and project development.

2. Pixel Pioneer – Photography Club

Photography Club “Pixel Pioneers”



		
Faculty Mentor	Convener	Deputy Convener
Dr. Pradip K. Gajjar	Prabhat Singh Panwar	Rani Chauhan
pkg@gecpalanpur.ac.in	prince090506panwar@gmail.com	chauhanrani242@gmail.com
+91 9099018547	+91 8128468862	+91 7984237735

Core Snappers

		
Vishal Prajapati	Lucky Varandani	Ravi Nai
+91 9512412821	+91 8401635015	+91 9512335490

About the Club

“Pixel Pioneers” - the Photography Club at Government Engineering College, Palanpur aims to create a welcoming space for students passionate about photography to share their creativity, knowledge, and enthusiasm. The club will host regular meetings, discussions, and will provide photography support in the various events such as praxes, sports, alumni get together, etc. With regular workshops, photo walks, and opportunities to showcase

your creativity, our club will provides the perfect platform for students to hone their photography skills and express their artistic vision.

Vision of the Club

The Pixel Pioneers Club aims to capture moments, ignite creativity, and build a community where students can explore photography, refine their skills, and develop unique perspectives to tell powerful visual stories.

Objectives

- To provide a platform for students to showcase their creativity and inspire them to communicate their thoughts and emotions through photography.
- To cultivate an environment where students can discover, hone, practice, and showcase their creativity in photography, video, and editing techniques.
- To unify ideas and organize photo contests, photo walks, and photography trips, while encouraging students to take part in other photography-related events.
- To conduct programmes for awareness among the general public on themes of national interest.
- Create a supportive environment where members can learn from each other and share their knowledge and experiences.
- Foster a sense of camaraderie and enjoyment among members, making the club a fun and fulfilling experience for all involved.

Ultimately, the goal of a photography club is to offer a space for enthusiasts to connect, learn, create, and share their love for photography.

Pixel Pioneers Club Team

Sr. No.	Name of Student	Branch	Semester	Signature
1	Prabhatsingh Panwar	Mechanical	4th	Convener
2	Rani Chauhan	Mechanical	2nd	Deputy Convener
3	Lucky Varandani	Electrical	2nd	Member
4	Vishal Prajapati	Civil	6th	Member
5	Ravi Nai	Mechanical	2nd	Member
6	Geet Dabhi	Mechanical	4th	Member
7	Faizan Shaikh	Mechanical	4th	Member

Faculty Mentor

Dr. Pradip K. Gajjar

Club Activities

1. Basic Photography Workshop



Pixel Pioneer

Photography Club, GEC Palanpur

Organize

Basic Photography Workshop

12th August

10:30 AM - 12:30 PM - Mechanical Seminar Hall



Expert - Mr. Milap Madhikar

(Nature and Wildlife Photographer)

Aclaimed by National Geographic, Nature in Focus, Doordarshan, Retro Kolakata Magazine and many more

Student Coordinator Lucky Varndani	Convener Dr. P. K. Gajjar
Student Co-Coordinator Rani Chauhan	Patron Dr. K. B. Judal

A *Basic Photography Workshop* was successfully organized at Government Engineering College, Palanpur on **12th August 2025** for the students of the **Pixel Pioneer Photography Club**. The workshop was coordinated by **Dr. P. K. Gajjar**, with the objective of enhancing students' creative and technical skills in photography.

The resource person for the workshop was **Mr. Milap Madhikar**, a renowned **Nature and Wildlife Photographer**, who shared his professional expertise and experiences with the participants. He guided the students on fundamental aspects of photography including:

- Basics of camera handling and settings
- Composition techniques
- Use of lighting in photography
- Importance of perspective and framing
- Tips for capturing wildlife and nature photographs

The workshop included live demonstrations and interactive discussions which kept the participants engaged and motivated. Students were encouraged to explore their creative potential and ask questions to clarify their doubts.

The session was highly appreciated by the participants, as it not only introduced them to the essentials of photography but also inspired them to pursue photography with more passion and professionalism. The workshop concluded with a vote of thanks to the expert for his valuable insights and to the organizers for providing such a fruitful learning opportunity.

2. Photography Competition

A Photography Competition was successfully organized by the Pixel Pioneers – Photography Club of Government Engineering College, Palanpur with the objective of encouraging students to develop their creativity, photographic skills, and ability to capture meaningful moments through photography.

The competition was organized from 9th February to 28th February, as announced in the official competition poster. Students were invited to participate in three photography themes: Sports Week, College Days, and Campus Moments. The competition provided an opportunity for students to showcase their photographic talent and capture memorable aspects of campus life.

The competition was coordinated by Dr. Pradip Gajjar, Convener, Pixel Pioneers Photography Club. Students were permitted to submit a maximum of three original photographs. The photographs were required to follow the selected theme and had to be captured using a mobile phone or DSLR camera. Only basic editing such as brightness, contrast, and cropping was permitted. AI-generated images, heavy editing, composites,

plagiarism, watermarks, logos, and names on photographs were not permitted. The competition rules clearly stated that violations would result in disqualification and that the judges' decision would be final.

The competition encouraged students to observe their surroundings creatively and present ordinary campus experiences from different photographic perspectives. The themes of Sports Week, College Days, and Campus Moments allowed students to capture sports activities, student life, memorable college experiences, and everyday moments on campus.

Prize Winners

The following students secured the top three positions in the Photography Competition:

First Prize – Rani Chauhan

Second Prize – Bakul Parmar

Third Prize – Ravi Nai

The winners were recognized for their creativity, composition, subject selection, and effective presentation of the selected themes. The Top Three Winners were awarded at PRAXES, as announced in the competition poster.

Outcome of the Competition

The Photography Competition provided students with a valuable platform to explore and demonstrate their creative abilities. It encouraged students to develop an artistic perspective, improve their photography skills, and actively participate in extracurricular activities. The competition also contributed to strengthening the activities of the Pixel Pioneers Photography Club and promoting photography as a creative and skill-oriented activity among students.

The event concluded successfully with appreciation for all participating students and congratulations to the winners. The organizers expressed their encouragement for students to continue exploring photography and participating in similar creative activities in the future.



Pixel Pioneers

Photography Club of
Government Engineering College
Palanpur

Organize

PHOTOGRAPHY COMPETITION

— THEME —





Sports Week



College Days



Campus Moments

CONVENER - DR. PRADIP GAJJAR

For more information contact
Ravi Nai (9512335490)

**"Top 3 Winner will be
Awarded at PRAXES"**

RULES:

- Maximum 3 original photographs per participant.
- Photos must follow the theme.
- Clicked using mobile or DSLR only.
- Only basic editing (brightness, contrast, crop) allowed.
- No AI, heavy editing composites, or plagiarism.
- Submit in JPEG/JPG format
- No watermarks, logos, or names on images.
- Rule violations lead to direct disqualification.

Judges' decision will be final.



SCAN TO REGISTER

FOR STUDENT REGISTRATION

9th FEBRUARY - 28th FEBRUARY

3. Music Club



Music Club

Government Engineering College, Palanpur

Academic Year 2025-26

Introduction

The Music Club of Government Engineering College, Palanpur was established under the Gymkhana with the objective of nurturing musical talent, providing students with a platform for creative expression, and fostering a sense of community through music. The club is dedicated to organizing and participating in music-related activities, competitions and cultural events and to providing students with opportunities to develop their musical abilities.

The club aims to create a vibrant and inclusive musical community within the institute that nurtures talent, inspires creativity and promotes cultural expression. Through music, the club seeks to support students in their artistic and personal development. Its mission includes providing a supportive platform to learn, perform and excel in music, encouraging participation across diverse genres and styles, organizing performances, workshops, jam sessions and competitions, and developing confidence, stage presence and creative abilities through practical exposure.

Formation of the Music Club

The Music Club was established under the Gymkhana guidelines of Government Engineering College, Palanpur. The Music Club body was formed on 5 March 2025, with student members selected to oversee the activities and administration of the club.

The student body includes positions such as President, Vice President, Secretary, Treasurer and Event Coordinator, along with general members. The selected team was entrusted with organizing music-related events, managing club resources and fostering a musical culture within the college. The club also planned coordination with the Gymkhana for conducting workshops, competitions and performances throughout the academic year.

Music Club Body Members

The formation document records the following student members:

Office Bearers

- **President:** Patel Sweni
- **Vice President:** Modi Vishakha
- **Secretary:** Joshi Mahimn
- **Treasurer:** Varde Vishva
- **Event Coordinator:** Vacant

Vision of the Music Club

The vision of the Music Club is:

“To build a vibrant and inclusive musical community within the college that nurtures talent, inspires creativity, and promotes cultural expression, enabling students to grow artistically and personally through music.”

The vision emphasizes the development of a supportive environment where students can explore their musical interests, express themselves creatively and develop both artistic and personal qualities.

Mission of the Music Club

The mission of the Music Club is to:

- Provide a supportive platform for students to **learn, perform and excel in music**.
- Encourage participation in musical activities across **diverse genres and styles**.
- Organize **performances, workshops, jam sessions and competitions** regularly.
- Enhance students' **confidence, stage presence and creative abilities** through practical exposure.
- Contribute to the **cultural life of the institute** through quality musical events and outreach.

Objectives and Purpose

As defined in the Music Club Constitution, the major purposes of the club are to promote and encourage musical activities within the college, identify and develop the musical talents of students, organize music-related workshops, events and competitions, and represent Government Engineering College, Palanpur, in inter-college musical competitions and festivals.

All students of Government Engineering College, Palanpur, are eligible to become members of the Music Club. The Constitution provides for General Members, who are interested in participating in club activities, and Active Members, who regularly contribute to and participate in club events.

Organizational Structure

The Constitution provides a defined organizational structure for the functioning of the Music Club. The major positions include:

- **President** – Oversees club activities and represents the club.
- **Vice President** – Assists the President and takes charge in the President's absence.
- **Secretary** – Maintains records, schedules meetings and manages communication.
- **Treasurer** – Manages club finances, membership fees and expenses.
- **Event Coordinator** – Plans and executes music-related events and programmes.
- **Public Relations Officer** – Promotes the club and its activities within the college.

The Constitution provides for six body members, with two members each from First Year, Second Year and Third Year. Fourth-Year students serve as advisory members and provide guidance and experience to the club. A faculty member or committee acts as the Mentor, providing overall guidance and ensuring adherence to college policies.

Selection of Student Body

Students interested in becoming body members are expected to demonstrate active participation in musical activities along with good communication and leadership skills. Students may nominate themselves or be nominated by peers.

The selection process includes screening through an interview and demonstration of musical skills. The Mentor(s) and outgoing body members participate in the evaluation, and final selection is based on performance, enthusiasm and commitment to the objectives of the club.

Activities Conducted During Academic Year 2025–26

During the academic year 2025–26, the Music Club conducted and initiated several activities aimed at developing students' musical knowledge and practical abilities.

Music and Vocal Training

Introductory sessions on music and vocal training were conducted for interested students. These sessions focused on fundamental aspects such as basic musical techniques, rhythm and melody, helping students develop a foundation for further musical practice.

Introduction to Music Genres

Students were introduced to different types and genres of music, including classical and contemporary styles. The activity helped participants understand the diversity of musical forms and encouraged them to explore different styles according to their interests.

Band Formation

A special session was conducted for band formation. Interested students were guided and grouped according to their musical skills and interests. This initiative helped identify students with different musical abilities and laid the foundation for developing a student music band.

Procurement of Musical Instruments

The club initiated the process for procurement of musical instruments and equipment required for practice and performances. According to the activity report, the purchase process was in progress, and students were eagerly awaiting the arrival of the instruments to begin regular rehearsals.

Participation in GTU Xitij

Students were encouraged to participate in GTU Xitij events under the cultural category. The club motivated students to represent Government Engineering College, Palanpur, through musical performances and gain exposure beyond the institute.

Roles and Responsibilities

The Music Club body members are responsible for organizing and managing music-related events and activities, collaborating with members to create an inclusive and creative environment, and representing the Music Club at official and inter-college events.

Fourth-Year advisory members are expected to provide mentorship and share their experience with junior members while assisting in the smooth transition of responsibilities.

The Mentor provides overall guidance, supervises the functioning of the club and ensures compliance with college rules and regulations.

Meetings and Planning

The Constitution specifies that regular meetings should be held at least once every month to discuss upcoming events, review previous activities and plan future programmes. Special meetings may also be called whenever required by the Mentor(s) or body members.

This regular planning mechanism is intended to ensure continuous activity, proper coordination among members and effective implementation of the Music Club's annual plan.

Role of the Mentor

The Mentor plays an important role in ensuring the smooth and effective functioning of the Music Club. The Mentor provides guidance and advice to the executive body in planning and executing activities and ensures that club initiatives comply with college rules and regulations. The Mentor also supports students in resolving challenges and maintaining effective coordination.

The Mentor is responsible for reviewing and approving the annual plan, budget and proposals for events and activities and ensuring that activities are safe, inclusive and beneficial to students. The Mentor also oversees financial transactions and budget planning and supports the Treasurer in preparing financial reports when required.

The Mentor acts as the official representative of the club before the college administration and serves as a liaison with other departments and external organizations. The Mentor also encourages students to actively participate in events, competitions and meetings and promotes responsibility, teamwork and creativity among club members.

The Mentor further supports fair elections, leadership transition and resolution of disputes or challenges within the club. Through these responsibilities, the Mentor contributes to the sustainable growth of the club and empowers students to develop their talents and leadership skills.

Outcomes and Impact

The activities conducted during 2025–26 resulted in increased student enthusiasm and participation in musical activities. The club successfully developed a core group of talented students who could be prepared for inter-college and university-level events.

Participants also developed a better understanding of music theory and vocal techniques. Planned practice and musical activities contributed to improved teamwork, coordination and stage confidence, providing students with practical exposure beyond regular academic activities.

Future Plans

The Music Club has planned several activities for further development:

- Conduct **regular music practice sessions** once the required equipment is available.
- Organize **intra-college music competitions** to identify and nurture new talent.
- Prepare students for **GTU Xitij, PRAXES and other cultural festivals**.
- Collaborate with other clubs for **fusion and interdisciplinary performances**.

These plans are aligned with the club's broader mission of providing students with regular opportunities to learn, perform and develop their musical and creative abilities.

Overall Conclusion

The Music Club of Government Engineering College, Palanpur, has been established as a platform for musical learning, creative expression, performance and student development. During the academic year 2025–26, the club-initiated music and vocal training, introduced students to different musical genres, worked towards band formation, initiated procurement of musical instruments and encouraged participation in GTU Xitij cultural events.

The formation of a structured student body, supported by a faculty Mentor and an advisory framework, provides a systematic mechanism for planning and conducting future activities. The Constitution further establishes clear responsibilities related to event management, communication, finance, representation, meetings and leadership development.

Overall, the Music Club has provided students with a creative outlet and a platform to express their passion for music, while simultaneously developing confidence, teamwork, coordination, leadership and stage presence. With continued mentoring, regular practice and the availability of musical equipment, the club aims to become a vibrant and integral part of the cultural identity of Government Engineering College, Palanpur.







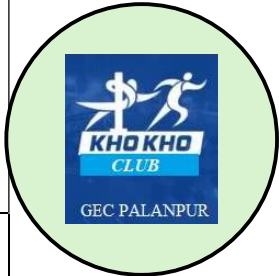
The banner features the logos of DTE, Government of India, and Gujarat Technical University at the top. The central text reads "GOVERNMENT ENGINEERING COLLEGE, PALANPUR" in large blue letters. Below this, a grey banner with a ribbon effect contains the text "MUSIC CLUB Initiative of Gymkhana" in bold blue and red fonts. To the right, there is a logo for "75 Azadi Ka Amrit Mahotsav".

Music Club Body Members

Member Name	Position
 Sweni Patel	President
 Modi Vishakha	Vice President
 Joshi Mahimn	Secretary
 Varde Vishva	Treasurer

JAGANA, PALANPUR-AHMEDBAD HIGHWAY, PALANPUR – 385001, GUJARAT, INDIA
Phone No: (02742) 220005, 220006 Website: www.gecpalanpur.ac.in, www.gecpl.dteguj.in Email: gec-palanpur-dte@gujarat.gov.in

4. Kho-Kho Club

 ESTD : 2009 अभियान्त्रिकीज्ञानम् जनकल्याणम्	GOVERNMENT ENGINEERING COLLEGE PALANPUR	
	<u>Kho-Kho Club</u>	

Student Body Government (SBG)

		
Student Convener	Student Deputy Convener	Faculty Mentor
Tandel Vaishnav vaishnavtandel@gmail.com	Solanki Mahaveer Gobar bhai	Dr. Ashvin D. Patel adp@gecpalanpur.ac.in
Mobile: 7862910643 Comp. Engg. (4th Sem)	Mobile: Comp. Engg. (6th Sem)	9879580193 Mechanical Engg.

Student Committee Members:

1. Sadhu Aryan Yogeshvardash (1st year Comp. Engg.)
2. Dhoriya Jaypal Jilubhai (3rd year Computer)
3. Odedra Jayan karabhai (3rd year Computer)
4. Sadhu Aryan Yogeshwardas (2nd year Computer)
5. Dhruvi (3rd Year Comp. Engg.)
6. Paregi Anju Maheshbhai (3rd Year Civil Engg.)

Student Advisory Members:

1. Piyush Chaudhari (4th Year Electrical Engg.)
2. Jigar Dabhi (4th Year Civil Engg.)

About GEC Palanpur Culture

We, the faculties of government engineering college Palanpur (GEC Palanpur) believe in all-round development of the students. To inculcate the qualities of leadership, sharing and team spirit, we are organizing various athletic, non-athletic, social, academic, non-academic and team competitions throughout the year. Student gymkhana committee of GEC Palanpur organizes an annual sports competition “Sports Explosion”. Sports clubs are part of it. Kho-Kho is one of the very selective games by the students. Each student member has the opportunity to show his/her talent and experience in kho-kho game. We provide them with proper guidance about tactics and other aspects of the game. We encourage them to develop their skills and provide them platform by conducting various tournaments and making them participate in inter-institute, state-level & national level sports competitions and win prizes. College level winners are encouraged to participate in Inter-University sports tournaments and university youth festivals.

About Kho-Kho Club

The Kho-Kho club in college is an athletic association dedicated to the traditional Indian sport of Kho-Kho. It involves two teams, each consisting of 12 players, with 9 players on the field at a time. The objective is to tag opposing players as quickly as possible. The game demands agility, speed, and strategic planning. The college Kho-Kho club provides a platform for students to engage in physical activity, foster teamwork, and promote cultural heritage. Regular training sessions and friendly matches can help to develop skills and encourage friendly competition. This club can not only enhance physical fitness but also cultivate a sense of camaraderie and sportsmanship among participants. In our college, two students played kho-kho in state level tournaments. Also, one security person is a state level kho-kho player.

The Kho-kho club should be well connected, making it easy for all students to participate in various events and tournaments.

Objectives of Kho-Kho Club

1. The objective of the Kho-Kho Club in college is to promote and popularize the traditional Indian sport of Kho-Kho among students.
2. Kho-kho club encourages and supports the students of the club to show their passion for sport.
3. Kho-Kho club focuses on enhancing the skills of the students who have interest in kho-kho game.
4. It aims to encourage physical fitness, develop agility, speed, and strategic thinking among participants.
5. The club provides a platform for students to engage in competitive sports, fostering teamwork and a sense of camaraderie.

6. By organizing regular training sessions, friendly matches, and competitions, the Kho-Kho Club seeks to instill values of sportsmanship and discipline in its members.
7. Ultimately, the club's objective is to create a vibrant and active sporting community within the college, promoting the cultural heritage and values associated with the game of Kho-Kho.

Operational guidelines

The Kho-kho club will be operated by the students and by the students. This club is designed to be well connected, making it easy for all students to participate in various kho-kho events and tournaments. Level of this club is targeted to meet students being sustained at state and national level kho-kho events. The kho-kho club will be coordinated by the one student convener from 3rd year and one student deputy convener from 2nd year. One faculty mentor will guide the student conveners for the effective operation of the club.

Student convener, student deputy convener and faculty mentor together work as a kho-kho club management committee.

Orientation program to introduce kho-kho club will be scheduled every year during the first-year orientation and also sensitization program for the higher semester students will be conducted in same week to make them aware of the club's vision and planned activities during the whole year.

The target is to form four teams of boys and two girls. Only members of kho-kho club can be a team player of GECPL kho-kho team.

Procedure to become a member of kho-kho club is:

- (i). Fill the kho-kho club membership form and submit it to the student deputy convener with the Rs.500/- membership fee. Collect the receipt and acknowledgement slip back.
- (ii). Student convener will form a kho-kho college team from the registered club members. If number of registered club members are more than required team members, a selection round of kho-kho match will be planned and membership will be confirmed based on performance and points.
- (iii). Membership laps once student completes his/her all academics. The final decision to keep any member in the club will be of club student convener and faculty mentor.

Annual action plan for the activities/Planned Events of the club

- (i) **Meet:** Regularly on Wednesday at 4:30pm, a meeting with all club members will be planned, and discussion on upcoming activities and betterment of club will be carried out.
- (ii) **Regular Practice Sessions:** The club will conduct regular practice sessions from 4pm to 6pm on Thursday and Friday where student members learn and refine their Kho-Kho skills, including techniques for tagging, chasing, and dodging.
- (iii) **Intra-Club Matches:** Friendly matches will be organized within the club to allow members to apply their skills in a competitive setting and build team spirit once a month on Tuesday at 4:30pm.
- (iv) **Inter-College Competitions:** The club student members will participate in inter-college Kho-Kho tournaments and competitions, representing the college and showcasing their talents on a broader platform. Kho-kho club management committee will select the members for GECPL kho-kho team.
- (v) **Workshops and Training Camps:** Once in a semester, the club may arrange workshops and training camps conducted by experienced coaches or renowned players to enhance the skills and understanding of the game. Currently planned for the last week of March and September.
- (vi) **Awareness Programs:** The Kho-Kho Club may also organize awareness programs to educate the college student members about the significance of sport and cultural heritage. Planned every year during the first-year orientation and sensitization program for the higher semester students will be conducted in same week.
- (vii) **Team-Building Activities:** The club may engage in team-building exercises and activities to strengthen the bond between members and improve coordination in the field.
- (viii) **Celebrating Kho-Kho Events:** Special events related to Kho-Kho, like National Kho-Kho Day celebrated on June 30 to promote the traditional Indian game of Kho-Kho, may be celebrated to foster a sense of pride and appreciation for the sport.
- (ix) **Outreach Programs:** The club might conduct outreach programs to encourage more students to join and participate in Kho-Kho, spreading the love for the sport. Once a year in October.
- (x) **Demonstrations and Exhibitions:** The club may organize demonstrations or exhibitions during college fests or sports events to showcase the game to a wider audience. Live streaming of national kho-kho event “Ultimate Kho-kho” can be planned for club members. The Indian Olympic Association (IOA) have confirmed their support for the event Kho Kho World Cup 2025, which comes as a huge boost to traditional sports. India is set to host the first-ever Kho-Kho World Cup at the iconic IGI Stadium in New Delhi from January 13-19, 2025, marking a landmark moment in the world of traditional sports. Kho-kho club will plan live streaming of this event for the club members.

Coordination with the Gymkhana Committee.

- (i) Gymkhana convener will be external advisor of club.
- (ii) Reports of every event will be submitted to the Gymkhana convener via mail.
- (iii) All the financial and other approvals will be passed through Gymkhana convener.

To foster active student participation and inclusivity in club activities.

- (i) Clear goals and expectations will be established, and positive and inclusive climate will be promoted.
- (ii) Balanced groups with students from different departments will be created.
- (iii) Varieties of activities will be planned to keep students engaged.
- (iv) Students for participating in outside the state events will be rewarded.
- (v) Students were made aware of the extracurricular available on campus.
- (vi) A Space will be created for students to celebrate their diverse identities and advocate for positive social change. Club member students who are doing really a good job will be highlighted in college newsletter and website with photos.

GECPL Kho-Kho Teams

BOYS TEAM: 1

- 1.Tandel Vaishnav
- 2.Barot Prerak
- 3.Prajapati Raghu(c)
- 4.Vipul
- 5.Abhishek
- 6.Vishwas
- 7.Hemanshu
- 8.mukesh
- 9.Hardik

BOYS TEAM: 2

- 1.Aryan
- 2.Arjun
- 3.Mahaveer
- 4.Ravin
- 5.devansh
- 6.Abhijit
- 7.Raj
- 8.Hitesh(c)
- 9.Reet

GIRLS TEAM: 1

1. Janki Patel (C)
2. Krishna Tank
3. Dhruvi Patel
4. Umangi Patel
5. Dhruvisha Solanki
6. Bhoomi Sadhu
7. Misha Sorathiya
8. Vandana Gohil
9. Anju Paregi
10. Bansi Chavada
11. Sonal Chaudhary
12. Pranjal Chaudhary

Timing of the Club:

Day: Friday, Saturday

Time: 03:00 P.M. to 06:00 P.M.

Photo Gallery



D.Praxes 2K26

Event Overview

"Praxes 2k26," the annual event of Government Engineering College Palanpur, was held from 9/4/2026 and 10/4/2026. The spirit of creativity and leadership was reflected in events that the college fosters among the students. The event spanned two days and included a mix of academic, cultural, and sporting activities designed to engage and challenge participants.

Key Highlights

1. Inauguration Ceremony

- **Date & Time:** 09/04/2026 at 11:00 AM
- **Venue:** College Campus
- **Guest of Honor:** Principal, Dr. K. B. Judalsir
- The PRAXES 2K26, the annual technical and cult



Government Engineering College, Palanpur, was inaugurated on 9th April 2026 at 11:00 AM by the Principal, Dr. K. B. Judal, in the presence of faculty members and students of the institute.

Event Overview

The inauguration ceremony was marked by the formal release of the PRAXES 2K26 poster and event flags, symbolizing the official commencement of the two-day annual celebration. The release of the poster and flags created an enthusiastic atmosphere among the students and marked the beginning of the various technical, creative, cultural and recreational activities planned under PRAXES 2K26.

During the inauguration, Dr. K. B. Judal, Principal, Government Engineering College, Palanpur, addressed the gathering. In his speech, he highlighted the journey and achievements of the college and shared valuable life lessons and guidance for students. He encouraged students to make the most of their college years, develop their abilities, face challenges positively and maintain a healthy balance between academics, skills and personal growth.

Following the inauguration, the certificates and medals for the winners and runners-up of the Sport Xplusion event were distributed to the students. The felicitation recognized their performance and sportsmanship and added a celebratory touch to the opening ceremony.

The inauguration formally commenced PRAXES 2K26 and set an energetic and positive tone for the two-day event, with students and faculty members actively participating in the celebrations and various scheduled activities.

Participation

PRAXES 2K26 received an enthusiastic response from the students of Government Engineering College, Palanpur.

Total participation across various events: approximately 650 students.

Students participated in a wide variety of technical, non-technical, creative, literary, sports and cultural activities. The official event plan included competitions such as Robotics, Constructo, Coding, PCB Master, CADventure, Quiz-o-Tech, E-Sport, Treasure Hunt, Tower of Hanoi, Rubik's Cube, AI Prompt Battle, Poster Presentation, Debate, Photography, Art, Talent Show and several other activities.

The large participation demonstrated the enthusiasm of students and provided them with opportunities to showcase their technical knowledge, creativity, problem-solving ability, communication skills and artistic talents.

Cultural Night

The **Cultural Night of PRAXES 2K26** was one of the major attractions of the event, featuring around **21 performances** showcasing the diverse talents and creativity of the students. The programme began with a **Ganesh Vandana**, followed by a classical-themed dance performance that reflected the richness of Indian culture and traditional art forms.

The cultural programme then moved towards contemporary performances, including an energetic **Western and Hip-Hop dance**, which created an enthusiastic atmosphere among the audience. The **student music band** presented live singing and musical performances, followed by an **orchestra-style performance by students**, creating a memorable musical experience.

The evening also featured a variety of **drama and theatrical performances** based on different themes. These included a dramatic presentation depicting **Draupadi's journey**, a performance based on the legendary **Jogidas Khuman and his journey as a Baharvatiya**, and socially relevant dramas highlighting **mobile phone usage and its impact on life**. A drama portraying situations related to **civil-site work and construction activities** also added variety to the programme.

The diverse performances, ranging from traditional and classical arts to modern dance, music and socially relevant drama, reflected the **creativity, confidence, cultural awareness and teamwork of the students**. The Cultural Night concluded as a vibrant and memorable celebration of student talent and provided an entertaining and meaningful experience for the entire college community.

The Chief Guests / Special Guests for the Cultural Night included:

- Managing Director, IHSEDU Agrochem Pvt. Ltd.
- CEO of Shivam Computer Sales and Service

Their presence added significance to the celebration and encouraged students in their extracurricular and creative pursuits.

The Cultural Night concluded as a memorable celebration of student talent and creativity.

Sponsorship and Financial Support

PRAXES 2K26 received valuable financial support from industries, local organizations and alumni members. Their contribution played an important role in facilitating the successful organization of the event.

The institute expresses its sincere gratitude to all sponsors and supporters for their generous contribution and encouragement towards student activities.

Student-Centric Organization

A major strength of PRAXES 2K26 was the active involvement of students in the organization and execution of the event. Faculty coordinators were assigned responsibilities for different events and committees, while student coordinators were involved in carrying out the activities. The official instructions specifically emphasized the principle of “Of the Students, By the Students, for the Students.”

This approach helped students develop practical skills in:

- Leadership
- Teamwork
- Event management
- Communication
- Coordination
- Problem-solving
- Time management

- Decision-making

Praxes 2026: Event Details

1. Robotics

The Robotics event provided students with an opportunity to demonstrate their technical knowledge, creativity and problem-solving skills through robotics-based activities. It encouraged students to apply concepts related to electronics, programming, automation and mechanical systems in a practical environment.

2. Constructo

Constructo encouraged students to transform their ideas into practical models through creativity, planning and construction skills. The event promoted innovation, teamwork and practical thinking among participants.

3. Quiz-o-Tech

Quiz-o-Tech was a technology-oriented quiz that tested students' technical knowledge, awareness, logical thinking and quick response abilities. It provided an engaging competitive platform for students interested in technology.

4. CADventure

CADventure focused on **2D, 3D and computer-aided design**, allowing students to showcase their technical drawing, visualization and design skills. The event encouraged participants to combine technical accuracy with creativity.

5. Coding

The Coding competition provided students with an opportunity to demonstrate their programming, logical reasoning and problem-solving abilities. Participants applied their coding knowledge to solve challenges in a competitive environment.

6. PCB Master

PCB Master focused on printed circuit board design and electronics. The event provided students with an opportunity to demonstrate their understanding of electronic circuits, PCB concepts and practical electronics skills.

7. E-Sport

The E-Sport event added a competitive gaming component to PRAXES 2K26. It provided students with an enjoyable platform to demonstrate concentration, strategy, quick decision-making and competitive spirit.

8. Treasure Hunt

Treasure Hunt was an exciting activity based on clues, observation, teamwork and logical thinking. Participants worked together to interpret clues and complete the challenge, creating an energetic and engaging experience.

9. Exhibition

The Exhibition provided students with a platform to display their projects, innovative ideas and creative work. It encouraged students to present their work confidently and explain their concepts to faculty members, students and visitors.

10. Debate

The Debate competition encouraged students to express and defend their opinions on selected topics. It helped participants develop communication skills, confidence, critical thinking and logical argumentation.

11. Story on Pic

Story on Pic challenged participants to develop a creative story based on a given picture. The event encouraged imagination, observation, interpretation and effective storytelling.

12. Cooking and Salad Decoration

Cooking and Salad Decoration provided students with an opportunity to demonstrate culinary creativity and presentation skills. Participants showcased their imagination and aesthetic sense through attractive food preparation and decoration.

13. Art

The Art competition provided a platform for students to express their imagination and creativity through artwork. It highlighted the artistic abilities and individual expression of participating students.

14. Photography

The Photography event encouraged students to capture creative and meaningful moments through photography. Participants demonstrated their observation, creativity, composition and visual storytelling skills.

15. Laser Maze

Laser Maze was an engaging challenge requiring concentration, precision and strategic thinking. Participants had to carefully navigate the challenge, making it an exciting combination of skill and problem-solving.

16. Darts – Target

The Darts competition tested participants' accuracy, concentration and hand-eye coordination. It provided students with a simple yet competitive recreational activity and encouraged a healthy spirit of competition.

17. Talent Show

The Talent Show provided students with an open platform to showcase their individual talents and abilities. The performances created an energetic and entertaining atmosphere and highlighted the diverse talents of the students.

18. Mind Marathon

Mind Marathon challenged students' logical reasoning, observation, concentration and quick-thinking abilities. The activity provided an engaging mental challenge and encouraged participants to approach problems creatively.

19. Tower of Hanoi

The Tower of Hanoi event tested students' logical thinking, planning and systematic problem-solving abilities. Participants demonstrated patience and strategic thinking while attempting to complete the puzzle efficiently.

20. Rubik's Cube

The Rubik's Cube competition tested participants' concentration, speed and problem-solving skills. Students competed to solve the puzzle efficiently, making the event an engaging intellectual challenge.

21. Electro

Electro provided students with an opportunity to demonstrate their knowledge and interest in electronics. The event encouraged participants to apply their understanding of electronic concepts in a practical and competitive environment.

22. Poster Presentation

The Poster Presentation event encouraged students to communicate ideas and information through visually attractive and informative posters. It combined subject knowledge, creativity and presentation skills.

23. Writing

The Writing competition provided students with an opportunity to express their thoughts, ideas and creativity through written communication. It encouraged participants to demonstrate their writing ability and effective expression.

24. AI Prompt Battle

The AI Prompt Battle introduced students to the creative use of Artificial Intelligence tools. Participants demonstrated their ability to formulate effective prompts and explore innovative ways of using AI for problem-solving and content creation.

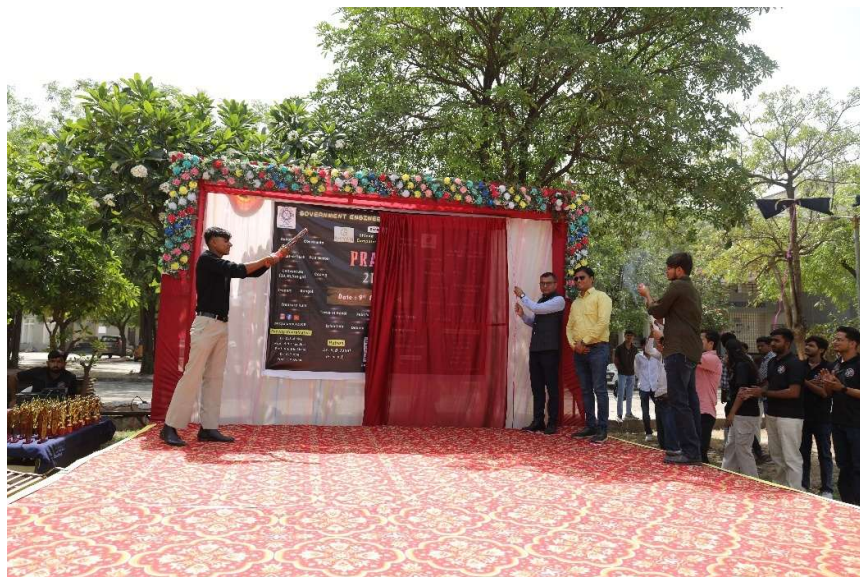
25. Fun Games

Fun Games added a recreational and enjoyable element to PRAXES 2K26. The activities encouraged students to participate enthusiastically, interact with one another and enjoy friendly competition.

Conclusion

In every way, Praxes 2k26 proved to be a remarkable success story, thanks to the dedication and teamwork of the organizing team, volunteers, and participants. More than just a festival of competitions and performances, it reinforced the institution's vision of nurturing well-rounded, innovative individuals. The memories made and lessons learned during Praxes 2k26 will surely continue to inspire students and faculty in the years ahead.

Some memories of Praxes 2k26













E.Sports Explosion

19 February 2026 – 27 February 2026 | Central Garden, GEC Campus



A summary overview with photo highlights — Sports Committee, GEC Palanpur

Introduction

Government Engineering College, Palanpur successfully organized its Annual Sports Festival “SPORTS XPLOSION 2025–26” from 19 February 2026 to 27 February 2026. The event aimed to promote physical fitness, sportsmanship, leadership, teamwork, and discipline among students.

The sports festival provided a platform for students from different departments to participate in various indoor and outdoor sports competitions, and witnessed enthusiastic participation from approximately 600 student registrations — making it one of the most successful sports festivals organized by the institute.

The inaugural ceremony was conducted in the presence of the Principal, faculty members, staff, and students. The event commenced with great enthusiasm and inspired students to actively participate across all competitions.

Objectives

- Promote physical fitness and a healthy lifestyle.
- Develop teamwork and leadership qualities.
- Encourage participation in sports activities.
- Foster discipline and sportsmanship.
- Identify talented players for university-level competitions.

Planning and Organization

The Sports Committee planned and organized the event through systematic scheduling, registration, fixture preparation, ground arrangements, equipment management, and volunteer allocation. Faculty coordinators and student coordinators worked together to ensure the smooth execution of all competitions.

Sports Events Conducted

Outdoor Sports

- Cricket
- Volleyball
- Kho-Kho
- Kabaddi
- Marathon Run
- Shot Put
- Discus Throw

Indoor Sports

- Badminton
- Chess
- Carrom
- Table Tennis

Each event was conducted according to standard rules under the supervision of faculty coordinators and referees.

Event Highlights

- Approximately 400 students participated enthusiastically.
- More than 10 sporting events were successfully organized.
- Indoor and outdoor competitions were completed smoothly.
- Student coordinators effectively managed registrations, fixtures, scoring, and logistics.
- Faculty coordinators supervised all competitions efficiently.
- Winners and runners-up were awarded trophies and certificates during the closing ceremony.

Learning Outcomes

Sports Xplosion helped students develop:

- Leadership skills
- Teamwork
- Communication
- Discipline
- Time management
- Decision-making ability
- Physical fitness
- Confidence and sportsmanship

The event strengthened interaction among students from different departments and promoted a healthy competitive spirit.

Participation Summary

Duration	19 – 27 February 2026
Total Participants	Approximately 400 students
Indoor Sports	4
Outdoor Sports	7
Faculty Coordinators	20+
Student Coordinators	60+

Prize Distribution

The closing ceremony was organized in the presence of the Principal, faculty members, and students. Winners and runners-up of various events were felicitated with trophies and certificates. The contributions of faculty coordinators, student coordinators, volunteers, and referees were also acknowledged.

Conclusion

SPORTS XPLOSION 2025–26 was successfully organized through the dedicated efforts of the institute administration, Sports Committee, faculty coordinators, student coordinators, volunteers, and enthusiastic participants.

The festival provided an excellent opportunity for students to demonstrate their sporting talents while developing leadership, discipline, teamwork, and physical fitness. The event reflected the institute's commitment to holistic student development and strengthened the culture of sports within the campus.

Vote of Thanks

The Institute Sports Committee expresses sincere gratitude to:

- Dr. K. B. Judal, Principal, for his continuous encouragement and support.
- All faculty coordinators and staff members for their valuable guidance.
- Student coordinators and volunteers for their dedicated efforts.
- Referees and officials for ensuring fair play.
- All participating students for their enthusiasm, discipline, and sportsmanship.

The collective efforts of everyone involved made SPORTS XPLOSION 2025–26 a memorable and grand success.

Photograph Gallery

A collection of highlights from across the outdoor and indoor events of Sports Xplosion 2025–26.

GULLY CRICKET TOURNAMENT



KHO-KHO TOURNAMENT





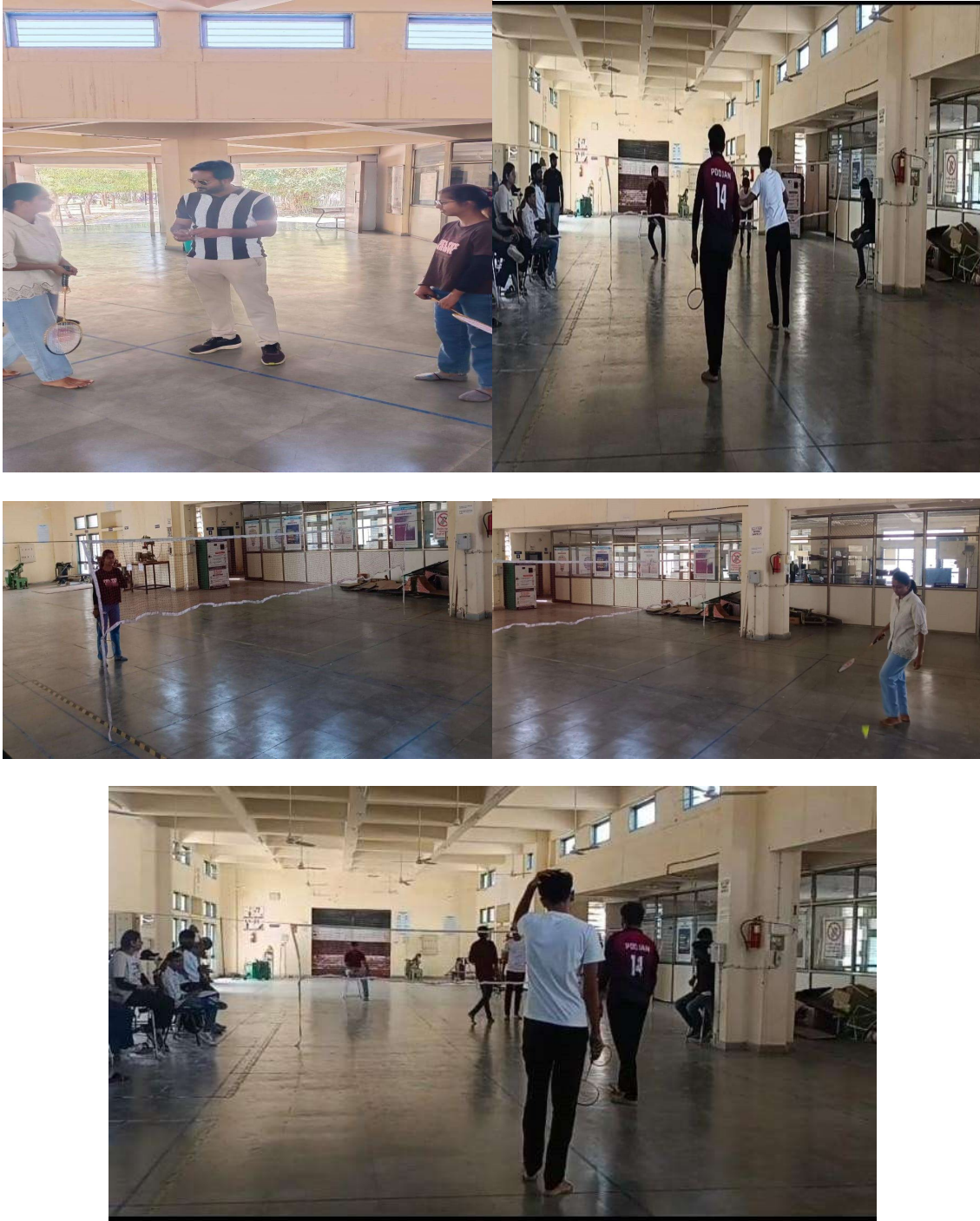
VOLLEYBALL TOURNAMENT



KABADDI TOURNAMENT



BADMINTON TOURNAMENT



CHESS TOURNAMENT



TABLE TENNIS (GIRLS)



CARROM TOURNAMENT





SHOT PUT



DISCUS THROW



ADMINISTRATIVE/ACADEMIC STAFF DEVELOPMENT

A. VISION AND MISSION OF DEPARTMENTS

CIVIL ENGINEERING

VISION

"To create competent Civil Engineering professionals for sustainable growth of the society."

MISSION

1. To impart quality education by cultivating and mentoring students to excel in the Civil Engineering profession.
2. To enhance exposure to Civil Engineering Industries through site visits, trainings and consultancy.
3. To promote life-long learning, Innovations and entrepreneurship for the sustainable development of society.

COMPUTER ENGINEERING

VISION

“To cultivate an ecosystem that delivers value-based education in Computer Engineering through cutting-edge innovation, collaborative teamwork, and ethical practices, enhancing society and advancing human life development.”

MISSION

1. To prepare Computer Engineering graduates to excel in industry, government, society, and the scientific community.
2. To develop advanced computing facilities and cutting-edge academic infrastructure.
3. To establish collaborative partnerships with industries, government agencies, and R&D organizations to facilitate knowledge exchange and enhance the professional development of all its stakeholders.

B. RESEARCH AND DEVELOPMENT

Research Publication:

Sr. No.	Name of Faculty	Publication Title	Journal Name, Vol. No., Issue, Page No.	Indexed in
1	Prof. S. K. Dabhi	Comprehensive Thermodynamic Equilibrium Model with Modified Equilibrium Constants for Biomass Downdraft Gasifier	Paliva (Fuels) Journal; Volume 18, pages 40–57, (2025); https://doi.org/10.35933/paliva.2025.02.04	Scopus
2	Prof. K. S. Banker	Investigation of Mechanical and Morphological Properties of Adc-12/SiC Reinforced Metal matrix Composite using Bottom Pouring Stir Casting Process	Journal of Advanced Research in Applied Mechanics 140, Issue 1 (2026) 124-138; https://doi.org/10.37934/aram.140.1.124138	Scopus
3	Dr. P. K. Gajjar; Dr. D. S. Mehta; Dr. A. M. Patel	Heat input–microstructure–corrosion relationship in auto TIG–welded joints between low-alloy steels (T12, T22, and T91) and austenitic stainless steel (TP347H)	Welding in the World; Volume 69; Issue 11; https://doi.org/10.1007/s40194-025-02223-y	SCIE
4	Dr. P. N. Boka	Integration of python programming in renewable energy studies: A flat plate collector model	Applied Chemical Engineering; Volume 8; Issue 3; https://doi.org/10.59429/ace.v8i3.5695	Scopus
5	Dr. P. N. Boka	Performance analysis of solar still with toner waste powder mixed with black paint and innovative data collection technique	Desalination and Water Treatment; Volume 324; https://doi.org/10.1016/j.dwt.2025.101535	SCIE
6	Dr. P. N. Boka	Comparative analysis of solar still with and without use of coating of waste toner powder on absorber plate and hyperbolic fins	Scientific Reports 15, Article number: 45740 (2025); https://doi.org/10.1038/s41598-025-23021-y	SCIE
7	Dr. D. S. Mehta	Incorporation of Spiral fins for improvement of discharging rate in Latent Heat Storage Unit	Diyala Journal of Engineering Sciences; https://doi.org/10.24237/djes.2025.18403	Scopus
8	Prof. K. S. Banker	An Impact of reinforcement on Aluminum metal matrix composites: A critical Review	International Journal of Computational and Experimental Science and Engineering (IJCESN) Vol. 11-No.3 (2025) pp. 6576-6590 DOI: https://doi.org/10.22399/ijcesen.3128	Scopus
9	Prof. K. S. Banker	WEDM Machining and Augmentation of Aluminium Metal Matrix Composite By Stir Casting Process: A Critical Review	Industrial Engineering Journal	-
10	Dr. P. K. Gajjar	Role of stirring direction in the microstructural and tribological behaviour of graphene-reinforced Al 6061-T6 surface composite using FSP	Welding International, 1–13. https://doi.org/10.1080/09507116.2026.2662007	SCIE

11	Dr. V. D. Patel; Dr. K. B. Judal; Prof. M K Patel; Prof. H. U. Patel, Dr. P. N. Boka	Investigation about dehydrating behavior and selection of dehydrating equation for sun dried potato slices	AIP Conference Proceedings, Volume 3369, March 2026, 040040, https://doi.org/10.1063/5.0317535	Scopus
12	Dr. V. D. Patel; Dr. K. B. Judal; Dr. A. D. Patel Dr. A. R, Chaudhar	Performance investigation of solar air heater assimilated with paraffin wax having different melting temperatures	AIP Conference Proceedings, Volume 3369, March 2026, 040038, https://doi.org/10.1063/5.0317532	Scopus
13	Dr. A. R, Chaudhari; Dr. K.B.Judal; Dr. V. D. Patel; Dr. A.D.Patel; Dr. P.N.Boka; Dr. A.K.Patel; B.D.Prajapati; Dr. K.P.Modi	Experimental investigation of A-479s ceramic workpiece on the magnetic abrasive finishing using bonded magnetic abrasive particles	AIP Conference Proceedings, Volume 3369, March 2026, 020005, https://doi.org/10.1063/5.0317539	Scopus
14	Dr. A. K. Patel; Dr. A. D. Patel	Development and Optimization of a Universal Centrifugal Casting Machine Using Full Factorial Design and Predictive Modelling Techniques	Inter Metalcast (2026). https://doi.org/10.1007/s40962-026-01973-9	SCIE
15	Dr. A. D. Patel; Dr.V. D. Patel; Dr. A. R. Chaudhari; Dr. K. P. Modi; Dr. P. N. Boka; Dr. A. K. Patel.	INFLUENCE OF WELD METAL GEOMETRIES ON THE STRENGTH AND EFFICIENCY OF NOVEL CRUCI-TRAP FILLET WELDED JOINTS	Composites: Mechanics, Computations, Applications: An International Journal, Volume 17, October 2025, 43-54, 10.1615/CompMechComputApplIntJ.2025057207	Scopus

Patents:

Sr. No.	Name of Faculty	Title of Patent	Application Number	Date of Publication	Patent Published/Grant by
1	Prof. B.D.Prajapati; Dr. K.S. Banker; Dr. P. K. Gajjar	Design and Fabrication of an Automated Material Handling Syatem	6479866	28/11/2025	Certificate of Registration for a UK Design
2	Prof. B.D.Prajapati; Dr. K.S. Banker; Dr. P. K. Gajjar	An Automatic Bottle Filling and Capping Machine	6480776	18/11/2025	

Institute Work Distribution



Government of Gujarat
સરકારી ઈજનેરી કોલેજ પાલનપુર
 જગાણા, પાલનપુર-અમદાવાદ હાઇવે, પાલનપુર-૩૮૫૦૦૧, ગુજરાત, ભારત
GOVERNMENT ENGINEERING COLLEGE PALANPUR
 JAGANA, PALANPUR-AHMEDBAD HIGHWAY, PALANPUR - 385001, GUJARAT, INDIA
 ફોન નં. (૦૨૭૪૨) ૨૨૦૦૦૫, ૨૨૦૦૦૬ Phone No. (02742) 220005, 220006
 Website: www.gecpalanpur.ac.in Email: gec.palanpur-dte@gujarat.gov.in

No:GECPL/ADM/Work-distri./2025-26/1096

Date:11/12/2025

- Read:1.AICTE Notification (Degree Engg.) F. No.61-1/RIFD/7th CPC/2016-17 Dated: 01/03/2019
 2.Technical Education Institution Manual [TEIM] for Government Engineering Colleges May 2018.
 3.Work distribution office order no. GECPL/ADM/Work-distri./2024-25/436 Dated 03/05/2025.

Office Order: -

(With effect from Date:15/12/2025)

With respect to read references [1] to [3], following administrative duties are assigned to respective officers/staff in addition to their regular job specific responsibilities for smooth functioning and overall development of the institute till further order. All are informed to maintain records with proof and present as and when required.

1. Administration		Convener	Member
1	Administrative officer (including RTI & Legel matters)	J.V. Modi	U.R. Patel
2	Accounts Officer	R.B. Chaudhari	
3	Stores & Purchase (Vikaslaxi/New Items)/Write-off	B.R. Patel	A.R. Chaudhari
4	Institute Administrative Reforms (IAR) & E-Governance Committee	R.H. Jaiswal D.S. Mehta	S.P. Patel, P.N.Boka J.V. Modi
5	Event Report Prep., MoMs, CTE meeting Follow-up	J.V. Modi	U.R. Patel
6	Institute Publishing Committee, Brochure, E-Newsletter	A.B. Patel K.M.Korot	M.G. Prajapati P.K. Gajjar, M.N. Prajapati
7	Media Coordinator & Branding	H.N. Chaudhari, A.K. Patel	K.P. Modi, U.R. Patel, M.N. Prajapati, G.K. Chaudhari
8	Campus Security	H.N. Chaudhari	M.N. Prajapati
9	Internal Complaint Committee, Woman Dev. Cell	R.H. Jaiswal	S.G. Chauhan, M.B. Chaudhari
10	Discipline committee (Students/Faculty/Staff)	D.M. Patel	V.J. Chitaria, R.H. Jaiswal A.M. Patel, D.A. Patel
2. Head, Student Affairs:		D.S. Mehta	
		Convener	Member
1	Student Section, GTU related Services & Examination (GTU & Others)	D.S. Mehta	S.K. Dabhi, R.B. Chaudhari N.R. Kotia, S.L. Modi
2	Students Admission, Student Welfare & Scholarships	G.S. Patel	R.B. Chaudhari, V.H. Khokhani
3	Gymkhana	D.S. Mehta	H.N. Chaudhari, K.P. Modi V.H. Khokhani, K.M. Gohel
4	NSS / NCC	C.G. Prajapati	P.K. Gajjar, S.G. Chauhan
5	Counselling & Mentoring Cell (Compliance to NTF guidelines), Medical facilities, Grievance Redressal	D.A. Patel	H.N. Chaudhari, G.S. Patel S.L. Modi
3. Head, Academics:		A.M. Patel	
		Convener	Member
1	First Year Coordination / IIPC	C.G. Prajapati	B.D. Prajapati
2	Inst. Timetable/ PAs-Mid Sem/workload assessment	S.P. Patel	A.R. Chaudhari, J.H. Patel S.G. Chauhan, K.M. Gohel
3	AICTE/GTU affiliation, AISHE/NIRF/GSIRF	H.V. Hirvania	P.K. Gajjar
4	NBA : Internal Academic Audit & Policies IQAC (Proceeding, MoMs & Annual QA report)	A.M. Patel S.P. Patel	H.B. Patel, S.L. Modi N.R. Kotiya, J.H. Patel
5	Student Performance/Result Analysis/Feedback	A.K. Patel	M.K. Patel, B.D. Prajapati U.R. Patel,

4. Head, Research and Development:		S.P. Patel	
		Convener	Member
1	Sponsored Research, Faculty training/research	S.P. Patel	V.D. Patel, P.N. Boka
2	SSIP/IIC	V.D. Patel	H.V. Hirvaniya, M.K. Patel
3	Design Lab/Incubation Centre	H.V. Hirvaniya	M.K. Patel
4	Consultancy & Testing	H.U. Patel	P.K. Gajjar, M.N. Prajapati
5	Entrepreneurship Development Cell (EDC)	A.D. Patel	K.P. Modi
5. Head, Infrastructure & Maintenance:		V.J. Chitaria	
		Convener	Member
1	Civil Maintenance and Liaison with PWD	V.J. Chitaria	N.R. Kotia
2	Housekeeping/Landscaping	H.U. Patel	K.P. Modi
3	Electrical Maintenance and Liaison with R&B Elect.	B.R. Patel	J.H. Patel
4	Mechanical Maintenance (RO/AC/FE)	K.S. Banker	G.S. Patel
5	Computer & Peripherals, CWAN & CCTV and Internet maintenance and repair related,	P.N. Boka	M.K. Patel, K.M. Gohel M.J. Trivedi
6	Website Management and updating, MIS, Google Workspace and Email Control Coordinator	A.K. Patel	K.M. Gohel, M.J. Trivedi
6. Head, Industry & Outreach:		D.M. Patel	
		Convener	Member
1	Training and Placement Cell, Student Internship / MOU/Apprenticeship(MAY)	D.M. Patel	A.D. Patel, H.V. Hirvaniya J.V. Modi, H.U. Patel
2	Student Chapter & Profess. Bodies Membership	A.D. Patel	A.K. Patel
3	RUSA and GOI Schemes by (KCG/GKS) for Skill Development/ Finishing School/Language Lab.	C.G. Prajapati S.K. Dabhi	N.R. Kotiya B.D. Prajapati
4	Alumni Association & Alumni Connect	A.M. Patel	K.S. Banker
7. Head, Amenities:		D.M. Patel	
		Convener	Member
1	Library	M.G. Prajapati	B.D. Prajapati
2	Hostel Rector	D.M. Patel	J.V. Modi
3	Hostel Warden (Boys)	B.R. Patel	M.G. Prajapati
4	Hostel Warden (Girls)	V.H. Khokhani	U.R. Patel
5	Canteen, Student Store and other student Amenities	K.M. Korot	A.R. Chaudhari

Note: For portfolio specific roles & responsibility and related information refer TEIM for GECs (May-2018).

Responsibilities of concerned Convener/Member:

1. Heads of respective sections (as above) shall conduct regular review of portfolio under their control and ensure continuous improvement/outcome through effective coordination and follow-up. The same should be presented in the Executive meeting.
2. Every convener shall prepare an annual action plan with clear objectives considering NBA requirements as benchmark for overall development/continuous improvement/smooth functioning of the institute.
3. To apply result-oriented approach by appropriate coordination with various sections/agencies/depts involved.
4. To constitute appropriate committee/representatives if necessary to achieve/implement the goals/objectives/strategies mentioned in the annual action plan.
5. To collect previous data/documents/proofs from Ex. Convener/In-charge if required and proceed further to achieve the target as planned in action plan.
6. Proactive initiative for reformation in allotted portfolio and quality recordkeeping for exhibits.
7. Motivate the team to accomplish the planned work as per annual action plan.
8. Coordination with committee/members/representatives to monitor progress/lagging /follow-up.
9. Disseminate portfolio specific information/best practices at appropriate places for branding.
10. Prepare annual summary report mentioning brief statistics of fulfillment of objectives/goals for allotted responsibilities. Also maintain portfolio specific records/proofs for the purpose of NBA/AICTE.
11. Submit the achievements/best practices to admin office/publishing committee for further processing.

Date:11/12/2025

(Dr. K.B. Judal)

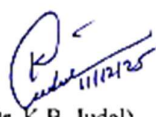
Principal

GOVERNMENT ENGINEERING COLLEGE
PALANPUR

Copy to:

1. All Heads & Conveners for information and necessary action.
2. Concerned officers/staff for necessary action (through email).
3. All Head of the Departments for information and coordination with the conveners.
4. Account section for information
5. Central store for information
6. Establishment section for relevant communication
7. Office order file.

Date:11/12/2025


(Dr. K.B. Judal)
PRINCIPAL
GOVERNMENT ENGINEERING COLLEGE
PALANPUR

C. Institutional Committees

Student Grievance Redressal Committees



અધિકારિક જાહેરાત

Government of Gujarat
સરકારી ઇજનેરી કોલેજ પાલનપુર
જાગણા, પાલનપુર-અમદાવાદ હાઈવે, પાલનપુર-૩૮૫૦૦૧, ગુજરાત, ભારત
GOVERNMENT ENGINEERING COLLEGE PALANPUR
JAGANA, PALANPUR-AHMEDBAD HIGHWAY, PALANPUR - 385001, GUJARAT, INDIA
ફોન નં. (૦૨૭૪૨) ૨૨૦૦૦૫, ૨૨૦૦૦૬ Phone No. (02742) 220005, 220006
Website: www.gecpalanpur.ac.in, www.gecpl.cteguj.in Email: gec-palanpur-dte@gujarat.gov.in



No:GECPL/ *જામી 2025/474*

Date: *12/05/2025*

STUDENT GRIEVANCE REDRESSAL COMMITTEES (SGRC)

1. (As per All India Council for Technical Education (Establishment of Mechanism for Grievance Redressal) Regulations, 2012, F.No. 37-3/ Legal12012, dated 25.05.2012.)
2. (શિક્ષણ વભાગ, ગુજરાત સરકારનો તા.૧૬/૦૬/૨૦૨૩ ના ઠરાવ ક્રમાંક:પરચ/૨૦૧૯/Ombudsperson/૫-૧)

In order to provide a mechanism to innocent students for redressal of their grievances and to make all efforts to ensure transparency in all the activities at different stages, the institute hereby nominate following members as part of STUDENT GRIEVANCE REDRESSAL COMMITTEES (SGRC). This committee will have a term of two years.

Sr. No.	Name of Committee Member	Designation	Position in Committee
1.	Dr. K. B. Judal	Principal	Chairperson
2.	Prof. (Dr.) D. M. Patel	Professor	Member
3.	Dr. R.H.Jaiswal	Associate Professor	Member
4.	Dr. H. B. Patel	Assistant Professor	Convener
5.	Prof. H. V. Hirvaniya	Assistant Professor	Member
6.	Prof. A. B. Patel	Assistant Professor	Member
7.	Prof. R.B.Chaudhary	Assistant Professor	Member
8.	Devang Solanki	Student (B.E. Mechanical)	Student Member

This committee will deal with all the Grievances directly which is related to the common problems at Institute level both Academic and Administrative. In addition, this committee will also entertain the appeal filed by the student against the decision of the Department level committee.

(Dr. K. B. Judal)

Principal
Government Engineering College,
PALANPUR - 385001 (N. G.)

Copy to: All Members & Office order file

Internal Compliant Committee



અધિકારીની કચેરી, અમદાવાદ

Government of Gujarat
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No:GECPL/ADM/2025/699

Date: 12/05/2025

Internal Complaint Committee (ICC)

As per Section 4 All India Council for Technical Education (Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students and Redressal of Grievances in Technical Institutions) Regulations 2016, Institute hereby constitutes Internal Complaints Committee (ICC) which constitutes following members. This committee will have a term of two years.

Sr. No.	Name of Member	Designation	Contact Number
Chairperson:			
1	Dr. R.H.Jaiswal	Associate Professor Computer	9825647145
Faculty Members:			
2	Dr. S.P.Patel	Associate Professor	8780194309
3	Prof.V.H.Khokhani	Assistant Professor-Civil	6355703368
4	Prof.S.G.Chauhan	Assistant Professor-Civil	9979622187
5	Prof.U.R.Patel	Assistant Professor-Applied Mech.	9998815530
Non-Teaching Members:			
6	Ms.M.B.Chaudhary	Head Clerk	7698379430
7	Mr. T.J.Rathi	Store Keeper	9974242707
8	Ku.K.P.Shah	Lab Assistant-Electrical	9725222992
Student Members:			
9	Hit Desai	4 th Civil	
10	Sweni Patel	4 th Computer	

(Dr. K. B. Judal)

Principal

Government Engineering College,
PALANPUR - 385011 (N. G.)

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Committee for Prevention of Sexual Harassment



ESTD : 2009
અધિકારનિર્ભીકતા અનુભવવાળું

Government of Gujarat
સરકારી ઇજનેરી કોલેજ પાલનપુર
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NOTHING LIKE
VOTING
1 VOTE FOR SADE

No:GECPL/ADM/2025/475

Date: 12/05/2025

Committee for Prevention of Sexual Harassment

As per Handbook on Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act 2013, Institute hereby constitutes Committee for Prevention of Sexual Harassment which includes following members:

Sr. No.	Name of Member	Designation	Contact Number
Chairperson:			
1	Dr. R.H.Jaiswal	Associate Professor Computer	9825647145
Faculty Members:			
2	Prof.S.G.Chauhan	Assistant Professor-Civil	9979622187
3	Prof.V.H.Khokhani	Assistant Professor-Civil	6355703368
4	Mrs. N. K. Prajapati	Lab. Assistant- Mechanical	9099760971
5	Ku.K.P.Shah	Lab Assistant- Electrical	9725222992
6	Ku.V.P.Patel	Jr. Clerk- Admin	9429480211
Student Members:			
7	Sweni Patel	4 th Computer	
8	Siya Patel	4 th Civil	
9	Rutul Zanka	4 th Computer	
10	Krishna Tank	4 th Computer	


 (Dr. K. B. Judal)
Principal
 Government Engineering College,
 PALANPUR - 385011 (N. G.)

Objectives of the Committee:

- To prevent discrimination and sexual harassment against women, by promoting gender harmony among students and employees;
- To lay down procedures for the prohibition, resolution, settlement and prosecution of acts of discrimination and sexual harassment against women, by the students and the employees;
- To deal with cases of discrimination and sexual harassment against women, in a time bound manner, aiming at ensuring support services to the victimized and termination of the harassment;
- To recommend appropriate punitive action against the guilty party to the Principal of Government Engineering College, Palanpur.


 (Dr. K. B. Judal)
Principal
 Government Engineering College,
 PALANPUR - 385011 (N. G.)

Women Development Committee (WDC)



Government of Gujarat
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Website: www.gecpalanpur.ac.in, www.gecpl.cteguj.in Email: gec-palanpur-dte@gujarat.gov.in

No:GECPL/ ૧૭૫/૨૦૨૬/૫૪૦

Date: ૧૨/૦૬/૨૦૨૬

Women Development Committee (WDC)

As per the directives of Gujarat Technological University/AICTE, institute hereby constitutes Women's Development Committee consists of following members till further order.

Sr. No.	Name of Member	Designation	Contact Number
Chairperson:			
1	Dr. R.H.Jaiswal	Associate Professor Computer	9825647145
Faculty/Staff Members:			
2	Prof.S.G.Chauhan	Assistant Professor-Civil	9979622187
3	Prof.V.H.Khokhani	Assistant Professor-Civil	6355703368
4	Prof.U.R.Patel	Assistant Professor-Applied-Mechanics	9998815530
5	Prof. A.K. Patel	Assistant Professor-Mechanical	9925651543
6	Mrs.N.K.Prajapati	Lab Assistant- Mechanical	9099760971
7	Ku.K.P.Shah	Lab Assistant- Electrical	9725222992
8	Ku.V.P.Patel	Jr. Clerk- Admin	9429480211
Student Members:			
9	Hit Desai	4 th Civil	
10	Sweni Patel	4 th Computer	
11	Raval Pooja	4 th Civil	
12	Prajapati Nikul	4 th Civil	

(Dr. K. B. Jodal)

Government Engineering College,
PALANPUR - 385011 (N. G.)

Roles and Functions of WDC:

1. To create social awareness to female staff members and girl students in the college about the relevant issues related to women.
2. To encourage the members to participate in the activities exclusively meant for their development as women.
3. To organize seminars, workshops for creating general awareness and orientation to students, teachers, non-teaching staff for their active and sustained participation in the activities of the Committee.
4. To promote general well-being of female students, teaching and non teaching female staff of the institute.
5. To inculcate social values in them by conducting community service activities.
6. To organize various types of training programs and create awareness about self-employment & self-defense for the encouragement of self-reliance among women.

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(Dr. K. B. Jodal)

Government Engineering College,
PALANPUR - 385011 (N. G.)

SC ST Cell Committee



Government of Gujarat
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 Website: www.gecpalanpur.ac.in, www.gecpl.cteguj.in Email: gec-palanpur-dte@gujarat.gov.in



No:GECPL/A-DM/2025/475

Date: 12/05/2025

SC-ST CELL

Government Engineering College, Palanpur has reconstituted a SC-ST CELL as per the guidelines of University Grants Commission, New Delhi, and Ref.F 1-5/2006 (S.T.C) dated 25-08-2006. The details of members are as follows.

Sr. No.	Name of Faculty	Designation	Position held in cell
1.	Dr. K. B. Judal	Principal (GEC, Palanpur)	Chairperson
2.	Prof. S. K. Dabhi	Assistant Prof. (Mechanical)	Liaison Officer (College Representative)
3.	Prof. H. V. Hirvaniya	Assistant Prof. (Electrical)	Coordinator (SC-ST CELL)
4.	Prof. R. K. Rathod	Assistant Prof. (Civil)	Member open (Male)
5.	Prof. S. G. Chauhan	Assistant prof. (Civil)	Member Open (Female)

(Dr. D. M. Patel)

Principal
 Government Engineering College,
 PALANPUR - 385011 (N. G.)

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internal Quality Assurance Cell(IAAC)



Government of Gujarat
સરકારી ઇજનેરી કોલેજ પાલનપુર
જાગણા, પાલનપુર-અમદાવાદ હાઈવે, પાલનપુર-૩૮૫૦૦૧, ગુજરાત, ભારત
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Website: www.gecpalanpur.ac.in, www.gecpal.org Email: gec-palanpur-dre@guarat.gov.in



No:GECPL/ADM/IQAC/2025/ 581

Date: 30/06/2025

Internal Quality Assurance Cell (IQAC)

In pursuance of quality culture in the institute the methodology and procedures adopted in academics, administration, Research and innovation are required to be evolved and sustained. The institute hereby constitute Internal Quality Assurance Cell (IQAC) to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. The composition of IQAC is as under:

Sr. No.	Name of Member	Designation
Chairperson:		
1.	Dr.K.B.Judal	Principal
Management Representative:		
2.	Dr. A. B. Dhruv	Professor, Mechanical Dept., GEC Patan
Academic Representatives:		
3.	Dr. D. M. Patel	HOD, Mechanical Engg.
4.	Prof. V. J. Chitaria	Head, Civil Engg. Mining Engg., Hum. & Sci. Dept.
5.	Dr. A. M. Patel	HOD, Electrical Engg.
6.	Dr. R. H. Jaiswal	Head Computer Engg.
7.	Dr. K. M. Korot	President-Gymkhana
8.	Dr. D. M. Patel	TPO
9.	Dr. S. P. Patel	Associate Professor, Mechanical Engg.
10.	Dr. H. B. Patel	Assistant Professor, Geology
11.	Dr. J. V. Modi	Assistant Professor, Mining Engg.
12.	Prof. N. R. Kotiya	Assistant Professor, Applied Mech.
Administration Representatives:		
13.	Dr..C. G .Prajapati	Administrative Officer
14.	Dr. D. S. Mehta	Students Section Officer
15.	Prof. M. G. Prajapati	Library In-Charge
16.	Dr. K. M. Korot	Accounts Officer
17.	Ku.M.B.Chaudhary	Head Clerk
Local society, Students and Alumni:		
18.	Ajay Modh	Society
19.	Patel Sweni	Student
20.	Kiran Desai	Alumni
Employers /Industrialists/Stakeholders:		
21.	Jay kadival	HR Manager, VFPL, Chhapi
22.	Mr.Suresh Yogi	Sai construction Pvt.Ltd
23.	Er.M.D.Acharya	GETCO-Palanpur
Convener:		
24.	Dr. A. M. Patel	HOD, Electrical Engg.

(Dr. K. B. Judal)
Principal

Anti Ragging Squad



Government of Gujarat
સરકારી ઇજનેરી કોલેજ પાલનપુર
જાગણા, પાલનપુર-અમદાવાદ હાઈવે, પાલનપુર-૩૮૫૦૦૧, ગુજરાત, ભારત
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No:GECPL/ADM/2025/498

Date: 12/07/2025

Anti Ragging Squad

(As per All India Council for Technical Education notified Regulation for prevention and prohibition of ragging in AICTE approved Technical Institutions vide No. 37-3/ Legal/ AICTE/ 2009 dated 01.07.2009)

The institute hereby nominate following members as a part of Anti-Ragging Squad till further order. They have to remain mobile, alert and active at all times to prevent ragging in academic and hostel campus as per the referred AICTE Notification.

Sr. No.	Name of Committee Member	Designation
1.	Dr. D.S.Mehta	Associate Professor
2.	Dr. A.M.Patel	Associate Professor
3.	Dr. R.H.Jaiswal	Associate Professor
4.	Prof. V.J.Chitaria	Associate Professor
5.	Prof. S.L.Modi	Assistant Professor
6.	Mr. T.J.Rathi	Store Keeper
7.	Mr. J.G.Prajapati	Sr. Clerk

- The Squad make surprise raids on hostels, and other places vulnerable to incidents and having the potential for ragging and shall be empowered to inspect such places.
- It shall also be the duty of the Anti-Ragging Squad to conduct an on-the-spot enquiry into any incidents of ragging referred to it by any responsible stakeholder, as the case may be; and the enquiry report along with recommendations shall be submitted to the Anti-Ragging Committee for action.

(Dr. K.B.Judal)

Principal

Government Engineering College,
PALANPUR - 385011 (N. G.)

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Executive Council



સરકારી ઇજનેરી કોલેજ પાલનપુર

Government of Gujarat
સરકારી ઇજનેરી કોલેજ પાલનપુર
જગાના, પાલનપુર-અમદાવાદ હાઈવે, પાલનપુર-૩૮૫૦૦૧, ગુજરાત, ભારત
GOVERNMENT ENGINEERING COLLEGE PALANPUR

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Website: www.gecpalanpur.ac.in, www.gecpalategu.in Email: gecpalanpur@nic.gujarat.gov.in

No:GECPL/ 584

Date: 07/07/2025

Reference: 1) TEI Manual, DTE (Page No.103)

Office Order:

With above references the Institute hereby nominate the Following Officers/representatives as a member of an **Executive Council** to take the institute forward and implement strategies needed as per current and future trends.

Sr. No.	Name	Designation	Nomination
1.	Dr.K. B. Judal	Principal, GEC Palanpur	Chairman
2.	Dr. D.M.Patel	Head, Mechanical Engg.	Member
3.	Prof. V. J. Chitaria	Head Civil Engg.	Member
4.	Prof. A.M. Patel	Head Electrical Engg.	Member
5.	Prof. R. H. Jaiswal	Head Computer Engg.	Member
6.	Prof. A. B. Dhruv	Professor, GEC, Patan	Member
7.	Mr. Suresh Yogi	CEO, Sai villa Dream house Pvt.Ltd.Palanpur	Industrialist
8.	Mr. Pradipbhai Patel	ED, Coach International Technic Pvt., Ltd Palanpur	Industrialist
9.	Kush Thaker	Student, Civil Engineering	Alumni
10.	Darshan M Gami	Student, Mechanical Engineering	Alumni


Principal
Government Engineering College
Palanpur

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LIBRARY

About:

The Government Engineering College, Palanpur Library is the heart of the institute. It aims to provide an ideal ambience for both the creation and dissemination of knowledge, information, and intellect across all its academic programs. The college library is well-equipped with a wide range of books covering all four technical streams. It provides a serene and noise-free atmosphere for students to read. The library currently has about 15,159 books. These books are classified as per the Dewey Decimal Classification System (DDC). Data entry for all books has been completed using the SOUL 2.0 Network version. Book issuing, return, and search facilities are managed through this SOUL 2.0 software. The library also houses 297 volumes of books to help students prepare for competitive examinations, 24 spiritual books to help develop students' Spiritual Quotient (SQ), and 156 best-seller books for the overall development of students. All books are well arranged and properly categorized for easy access, and the library is monitored by CCTV cameras. Free internet access is also provided to students.



Magazines

Total 12 magazines are subscribed in the library for the student to keep them abreast with day-to-day happenings in all fields across the globe.

Reading Area

Large and comfortable seating arrangement (80 chairs) with silent environment providing a perfect place for students to study and enhance their knowledge.

Library Utilization

From July -2025 to June 2026 total books issued to the faculty is 208 and to the students are 467.

Self-learning facilities/ Learning out of the box (beyond syllabus) –

The self-learning facility includes a computer room with high-speed internet connectivity to help students learn online. It also provides Wi-Fi connectivity across the entire library to support mobile learning. The institute's library has registered under the ONOS portal to provide research facilities for both students and faculty.

INSTITUTE DEVELOPMENT / IMPROVEMENT

INSTITUTE DEVELOPMENT / IMPROVEMENT

A. Internet/Network/Wifi/CCTV/Laptops/Printers

Availability of Desktop, Printer, Laptops, Scanner and CCTV Camera

DESKTOP PC	530
PRINTER/COPIER	82
LAPTOP	20
SCANNER	6
CAMERA	36
LCD PROJECTOR	17
SERVER	3
ANSYS	2024R2

Availability of points of connection for Internet, WiFi, Camera

LAN POINTS	697
WIFI POINTS	20
CAMERA POINTS	36

INTERNET PROVIDER

RAILTEL	100 MBPS
BSNL	2 MBPS
GSWAN	2 MBPS

B. Safety/Security/Emergency/Medical Care/First Aid

- Security person is allotted in all the department building as per requirement,
- First aid box is available at institute.
- Fire safety bottles are installed at each and every point of requirement in each building. Total 100 no. of bottles are available in the institute.

Sr. No.	Name of Department	Co2Type	ABC TYPE				Total Fire extinguisher
		4.5 kg	5 Kg	4 Kg	2 Kg		
1.	ADMIN DEPT	02	00	03	03	08	
2.	LIBRARY	0	0	02	04	06	
3.	AMINITIES BLOCK	01	00	00	00	01	
4.	ELECT. CONTROL ROOM	02	00	00	00	02	
5.	ELECTRICAL DEPT.	01	00	07	05	13	
6.	MECHANICAL DEPT.	01	00	10	04	15	
7.	WORKSHOP	01	00	05	02	08	
8.	CIVIL DEPT.	04	00	06	05	15	
9.	MINING DEPT/ COMPUTER DEPT	03	00	10	8	21	
10.	Boys Hostel	00	00	00	04	04	
11.	Girls Hostel	00	00	00	03	03	
12.	Staff Quarters	00	00	02	02	04	
						100	

- Fire Extinguishers bottles are available in each department as per below table.

C. Details of solar photovoltaic system installed

Government Engineering College (GEC), Palanpur has a 100 kW solar power generation system installed by Tata Power Solar Systems Ltd., approved by GEDA (Gujarat Energy Development Agency). The system consists of four units, including two units of 30 kW each and two units of 20 kW each, making a total installed capacity of 100 kW. In addition, a separate 25 kW solar PV system has been installed at the Girls' Hostel, which is maintained by J. J. Solar.

D. Residences for Students/Staff

i. BOYS HOSTEL/GIRLS HOSTEL : FACILITY AND FEES

Intake:

Boys Hostel: 180

Girls Hostel: 48

Fee structure:

New admission: Rs. 1950 Hostel fee per semester + Rs. 1000 Security Deposit (Refundable) Renewal admission: Rs. 1950 Hostel fee per semester

Facilities:

- 3 students are given accommodation in single room
 - Table, cot, chair and cupboard are provided to each students
 - RO water for 24 hours
 - For entertainment TV room and sport facilities are available
 - Hot water by solar water heater for bath
 - Mess facility available
-
- o Tea in morning
 - o Lunch
 - o Snack in evening
 - o Dinner

ii. OFFICER/STAFF QUARTERS

Class-I and Class-III staff quarters are constructed by Road and Building Department, Palanpur and possession is handed over to Government Engineering College Palanpur in January 2020.

Officer/Staff quarters consist:

- (1) 4 staff quarters of E-Types (G+2 Building) for class-I officers and
- (2) 4 staff quarters of C-Types (G+2 Building) for Class-III staff.

BUDGET ALLOCATION AND UTILIZATION

Sr. No.	OBJECT HEAD	ALLOCATION OF GRANT	UTILISATION	Remark
1	2	3	4	5
	OBJECT CLASS-1			
1	Salaries	90800000	89112323	
	OBJECT CLASS-2		0	
1	Domestic Travel Expenses	11230000	322161	
2	Office Expense		4334673	
3	Rent Rates and Taxes		0	
4	Publications/Library		377215	
5	Banking Cash Transaction Tax		0	
	TOTAL	11230000	5034049	
	OBJECT CLASS-3		0	
1	Supplies and Materials	16715000		
2	Advertising & Publicity		0	
3	Professional Services		177660	
4	Out sourcing(Man Power)		16536530	
	TOTAL	16715000	16714190	
	OBJECT CLASS-6			
1	Motor Vehicales	0		
2	Machinery & Equipment		0	
	TOTAL	0	0	
1	Gymkhana	128800	208278	Up to March-2026
2	Social gathering	64400	15459	
3	Student welfare	139005	249393	
4	GTU internal	128967	212554	
	GRAND TOTAL	112457172	111546546	

BUDGET ALLOCATION AND UTILIZATION

DESIGN LAB

Objective of the Design Lab:

- The objective of this scheme is to create a culture of innovation throughout the State by fostering creativity and innovative imagination of students and researcher. This will also to provide opportunity and a platform to the person with the innovative mindset to work with tools and equipment to transform his/her idea into product.

Funding to the Design Lab:

- The GUJCOST has procure and provide this comprehensive package of equipment/ instrument, tools and accessories costing of Rs. 25,00,000.00 (Rupees Twenty-Five Lakh).

Purpose of Design Lab:

- Purpose of design lab is to support Final Year student Project, Testing, Jobwork, Model & Prototype preparation, Consultancy etc.

Activities in Design Lab:

- Conducting Programs to train and explain to the students about different concepts - ranging from ideation, design, prototyping, networking to physical computing. Workshops on problem solving, designing and fabrication of products etc.

Date of Application for Design Lab: 06-07-2017

Sanction Date of Design Lab: 13-10-2017

Date of Establishment of Design Lab: 01-09-2018

Installation and Training in Design Lab: 27-02-2018

List of Items Available in Design Lab

Sr No	Item Name
1	CCTV Wired System - 2B2D-HD2WMK
2	CCTV Wireless System camera
3	Compact Thermal Imaging System
4	Thermal Camera for Product Inspection - TG165
5	Wall Adapter Power Supply - 5VDC 2A (Barrel Jack)
6	Adaptor 12V 2A
7	DC power supply - PWS2185
8	Digital Multi-meter - 3.5 Digit Portable Digital Multimeter
9	Tektronix TBS1064, 60 MHz, 4 Channel, Digital Oscilloscope, 1 GS/s Sampling
10	Intelligent Power Module for DC-DC Convertor

11	Intelligent Power Module for Motor Control
12	STEVAl-IHM028V2 - Evaluation Board, 3 Phase Motor, VIPER26, Power Management
13	EECF5R5H104 - Supercapacitor, EDLC, 0.1 F, 5.5 V, Radial Leaded, F Series, +80%, -20%
14	EECF5R5U105 - Supercapacitor, EDLC, 1 F, 5.5 V, Radial Leaded, NF Series, +80%, -20%
15	EECSOHD334H - Supercapacitor, EDLC, 0.33 F, 5.5 V, Radial Leaded, SD Series, $\pm$ 30%
16	EECHZOE335 - Supercapacitor, EDLC, 3.3 F, 2.5 V, Radial Leaded, HZ Series, +40%, -20%
17	EECSOHD224H- Supercapacitor, EDLC, 0.22 F, 5.5 V, Radial Leaded, SD Series, +80%, -20%
18	Trainer Kit with Schneider PLC TM221CE24T w/ programming cable
19	TP-Link TL-WR841N 300Mbps Wireless-N Router
20	Signal Processing Board - TMDSDSK6713 - DSP Starter Kit
21	BIPOLAR STEPPER MOTOR 2.8A, 24-42VDC
22	DC Motor 24V - 100W
23	PMAC Motor 1HP
24	BLDC Motor - 58 F- 1Hp
25	EAWOJ-B24-AE0128L ENCODER, ROTARY, 128POS, 8 BIT
26	61C22-01-04-02 - Incremental Rotary Encoder, Optical, With Pushbutton, 16.6rpm, 22 Detents, 5 VDC, Quadrature
27	NI 9381, 0-5V, 8-Ch AI, 8-Ch AO, 4-Ch LVTTTL DIO, C Series Module
28	NI 9923 Front-mount terminal block for 37-pin D-Sub Modules
29	NI 9211 4-Ch $\hat{A}\pm 80$ mV, 14 S/s, 24-Bit TC and Diff AI
30	CRIO-9932 Backshell with 10-Pos Connector Block
31	NI 9403 with DSUB 32 Ch, TTL Digital Input/Output Module
32	CRIO-9030 CompactRIO Controller, 1.33 GHz Dual-Core, 4-Slot, Kintex-7 70T FPGA, -20 $^{\circ}$ C to 55 $^{\circ}$ C
33	E1 Ethernet Cable. Twisted-pair, 1M
34	NI PS-10 Desktop Power Supply 24 VDC, 5A, 100-120/200-240 VAC
35	NI 9981, 4-pos Gold Power Supply Plugs (Qty 5)
36	NI Standard Service Program for Hardware
37	Analog Discovery 2
38	Arduino Starter Kit
39	Bluetooth Transceiver Module with TTL Outputs-HC05
40	Camera Assembly Kit
41	UART GPS Module, u-blox NEO-6M onboard
42	Intel® Edison and Arduino Breakout Kit
43	Intel Galileo Gen 2 Development Board
44	Intel Genuino 101
45	LittleBits SMART HOME KIT
46	ChromeBox MiniPC
47	RQ-HUNO Robotic Humanoid Kit
48	Raspberry PI - 3(Kit)
49	SANYO AM-1417 Solar Cell
50	KXOB22-01X8F Solar Cell

51	Black + Decker CD121K50 12-Volt Cordless Drill/Driver
52	Makita MLT100
53	Single Lead Heart Rate Monitor - AD8232 - Kit
54	Grove-Finger-clip Heart Rate Sensor with Shell
55	NTC Thermistor - 10K - MA300TA103C
56	ADS1292R ECG/RESPIRATION BREAKOUT KIT
57	MQ-3 Alcohol Ethanol Gas Sensor Module
58	MyoWare Muscle Sensor
59	Three Axis Accelerometer and Gyroscope - MPU 6050 breakout board
60	Adafruit BMP280 12C or SPI Barometric Pressure & Altitude Sensor
61	SparkFun Humidity and Temperature Sensor Breakout - SHT 15
62	MPL3115A2 - 12C Barometric Pressure/Altitude/Temperature Sensor
63	SparkFun Luminosity Sensor Breakout - TSL2561
64	ams IAQ-COREC- VOC
65	Grove - Multichannel Gas Sensor
66	PM2.5 Sensor Module - Laser Sensing
67	Digital Infrared Temperature Sensor MLX90615 GY-90615 Module
68	Sharp GP2Y0A21YKOF Analog Distance Sensor 10-80cm
69	Optomax Digital Liquid Level Sensor - LLC200D3SH-LLPK1
70	Liquid Flow Meter - Plastic 1/2" NPS Threaded
71	Load Cell - 120kg - RSL601AC
72	Weighing Sensor Module - HX711
73	Triple Axis Magnetometer Breakout MAG3110
74	LM393 Tilt Sensor Module
75	pH Kit
76	HS110 Hygrometer Humidity Sensitivity sensor
77	Vibration Sensor Module - SW-420
78	DJI GO Drone

ALUMNI ASSOCIATION

ALUMNI ASSOCIATION

(1) Formation of the “GECPLAA”

The “Government Engineering College Palanpur Alumni Association (GECPLAA)” has been formulated initially with seven members and registered at the Office of the Charity Commissioner, Banaskantha District on February 19, 2020. As on today, the GECPLAA has more than 450 registered members.

(2) Objectives of the “GECPLAA”

- To provide/develop variety of structural facilities for the educational and overall development of the institute by strengthening the association of the alumni with the existing students and officers/faculty/staff/teachers of the institute.
- To allow the alumni to participate in activities that would contribute to the general development of the Institute and Society.
- To create employment opportunities for the existing students and alumni of the institute.
- To provide scholarships facility to meritorious needy students.
- To give prize/award to the existing students of the institute for their achievements.
- To provide financial supports to the existing students and faculties of the institute to participate in various national and international academic events such as conferences, workshops, technical symposium, etc.
- To organize variety of event for the welfare of alumni of the institute.
- To contribute in the scientific and technical development of the national and world by organizing various activities in association with the alumni of the institute.
- To provide guidance about the knowledge and career development for the existing students and alumni of the institute by organizing institute/state/national level technical/non-technical symposium.
- To acquire/purchase/own/rent/lease the movable or immovable properties (anywhere) to fulfil the objectives of the alumni association.
- To optimally and effectively manage the collected fund as well as to partially/fully invest the reserve fund for its monetary benefits.
- To organize various activities which allows to develop entrepreneurship in the students so that they can contribute to technological innovations.
- To strengthen institute-industry association.
- To do such other lawful things/activities (planned/unplanned) as are conducive or incidental to the attainment of the above objectives and/or beneficial to the interests of the Institute, existing students and its alumni.

(3) Activities of the “GECPLAA” during AY 2025-26

The third “Alumni Meet-2025” was organized and conducted online 17/07/2025 for the graduated MED batches 2023-24 & 2024-25.

One Expert Talk on “Electric Vehicles: Working, Components, and Future Scope” was conducted on 16/04/2026 for Electrical Engineering students by Mr. Harsh Kumar, Alumnus of EED, Research Scholar at IIT Gandhinagar.

An industrial visit to the 50 MW Solar Power Plant of Climate Detox Pvt. Ltd., located at Jetada Village, Banaskantha, was successfully conducted on 18-09-2025 for the 5th Semester Electrical Engineering students in consultation with our alumni of EED, Mr. Bhavesh.

Further, total 5 students of EED have been placed successfully at Climate Detox Pvt. Ltd. after their internship in consultation with our alumni of EED, Mr. Bhavesh.

Around 60 new members have been added to the GECPLAA from the 2025-26 graduated batch across all branches.